

BIRD OBSERVER  
OF EASTERN MASSACHUSETTS



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MAY-JUNE 1973

MUD HEN

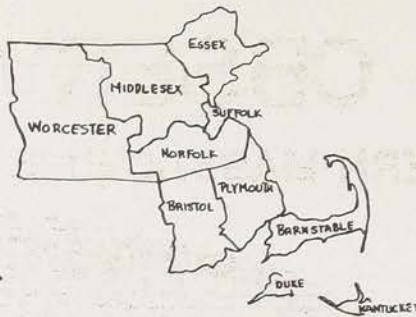


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Subscriptions will run on a calendar year from January to December at \$5.00 per year. Back issues will be supplied, when available.

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EDITOR'S PAGE

NEW NAMES

As you will notice in the compilation in the April Summary, we are using the new names adopted by the thirty-second supplement to the American Ornithologists' Union Check List of North American Birds. A more detailed account will be published in a future edition. In brief, the following changes have been made:

Wilson's Petrel	becomes	Wilson's Storm Petrel
Common Egret	"	Great Egret
Widgeon	"	Wigeon
Shoveler	"	Northern Shoveler
Common Scoter	"	Black Scoter
Pigeon Hawk	"	Merlin
Sparrow Hawk	"	American Kestrel
Upland Plover	"	Upland Sandpiper
Yellow-shafted Flicker	"	Common Flicker
Traill's Flycatcher	splits	(Willow Flycatcher "fitz-bew"
		(Alder Flycatcher "fee-bee-o"
Catbird	becomes	Gray Catbird
Myrtle Warbler	"	Yellow-rumped Warbler
Baltimore Oriole	"	Northern Oriole
Slate-colored Junco	"	Dark-eyed Junco

REGIONAL COMPILERS

Please send all of your reports before the 5th of the following month to any of the compilers in your area:

Barnstable County:	Mr. Blair Nikula, Park Street, Harwich 02645
Bristol County:	Mrs. Phyllis Regan, 137R Horseneck Road, S. Dartmouth
Middlesex County:	Mr. Robert Stymeist, 54 Banks Street, Cambridge 02138
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GOSHAWKS 1972-73

An unusually large number of Goshawks was sighted in eastern Massachusetts around the turn of the year. According to summaries in BIRD OBSERVER, at least 20 individuals were reported between November and February. It is now clear that we experienced only the trailing remnant of a tremendous incursion. Southern New York, New Jersey, and Pennsylvania, for example, saw the heaviest flight of this species since 1926.

An announcement by Mark R. Fuller, University of Minnesota, through the Smithsonian Institution Center for Short-Lived Phenomena states: "Beginning in October 1972 and extending into December 1972, the Hawk Ridge [in Duluth, Minnesota] raptor migration was made up of many more goshawks (*Accipiter gentilis*), than had been witnessed in previous years. Observations indicate that immigrants showed an 85:15 ratio in favor of second year or adult birds."

In American Birds, Vol. 27, No. 1, Kenneth P. Able comments that Goshawks were seen virtually throughout the United States. He writes: "One origin of the flight was certainly the forests north of the Great Lakes; there may also have been an epicenter in the western mountains. While Goshawks were more numerous than usual by winter, New England observers did not detect the fall invasion and it was certainly markedly reduced eastward from the Great Lakes."

What stimulated this historic flight? Dr. Able notes that north of Lake Superior, the snowshoe hare population reportedly crashed, which is the classic cause of influxes of this species.

## MANOMET BIRD OBSERVATORY

Brian A. Harrington, Manomet Bird Observatory

The Manomet Bird Observatory was founded in 1969 as the outgrowth of an "Operation Recovery" migratory banding station that had been operated at the site during fall migration for three years. It is currently one of three observatories and bird-banding stations in North America organized after the productive European scheme; it is also one of two North American observatories with a full-time director and staff, and the only such facility on the Atlantic coast. MBO is located on Cape Cod Bay, six miles east-southeast of Plymouth, Massachusetts, in the Manomet section, on a typical coastal morainal upland. Habitats on the 18-acre property include a quarter-mile of rocky and sandy beach, cranberry bog, secondary growth thickets, catbriar thickets, fields and a currently uncultivated orchard.

The principal activities of the Observatory derive from the intent of the trust agreement under which it was established, specifically that it would encourage "research and education in the fields of ornithology, biology, ecology, geology, conservation and natural history...., including (but not limited to) sponsoring or contributing to joint programs with non-profit research and educational organizations to promote the study of natural history; establishing a field station to make year-round study and census of breeding and migratory land and sea birds through a banding program and observation."

MBO headquarters, located on a 60-foot bluff overlooking Cape Cod Bay, houses research and administrative offices, laboratories, and living quarters for a limited number of staff, interns, and visiting researchers, as well as an ornithologically-oriented library containing major journals and a growing text and reference collection.

An executive director and a staff of scientific professionals, currently numbering four, form the basis of the operational staff. Policy decisions and over-all responsibility lie with a board of eleven trustees, including a managing trustee, who serves as chairman of a management committee, and an advisory committee consisting of scientists and educators. Crucial to successful operation of MBO are a number of unpaid volunteer staff workers, interns, and a supporting membership of approximately 1,200.

Research activities are varied, but those currently in progress evolve mostly from a basic program of bird-banding. Operating from dawn to dusk, nearly year-round, the banding program processes about 20,000 birds each year. The principal laboratory is equipped and staffed for quick and efficient processing of large numbers of birds with minimum confusion for banders. High intensity lights, holding cages, close-up camera equipment, triple-beam balance scales, optical aids, and various banding and ectoparasite collection equipment are readily available and heavily used by as many as 10 banders and recorders at one time.

Data taken from each bird include: wing length, ectoparasite examination, skull ossification, fat condition, weight, and, where possible, age and sex. Unusual features are also noted, and for many birds, molt cards are completed. For each bird most data are recorded in computer-compatible format and soon entered onto computer cards for later storage on tape.

Data from these banding programs are currently being used for studies of shorebird migration, migrant shorebird feeding and behavioral ecology, breeding population studies of certain passerines, winter population studies of sparrows, avian nuclide concentrations through whole-body counting at a nuclear generating plant and control site, Mourning Dove populations and movements, molt studies, populations and movements of House Finches in Massachusetts, and comparative studies of coastal and inland fall migration of passerine birds in Massachusetts. Other current research projects, not directly related to banding, are a Seawatch Program started in 1968 to document movements and populations of southbound sea ducks, a study of northbound American Brant migration, and census studies of landbirds at MBO. For use of data not currently examined, MBO welcomes proposals from qualified researchers.

The education program of MBO places particular emphasis on reaching young people, with the belief that an early introduction to the natural world will lead to increasing concern about its health and preservation. This program is staffed entirely by volunteers who are trained in bird identification, record keeping, avian biology, and field ecology. The teachers hold trail walks and demonstrations of research techniques for several thousand children, as well as teachers and college biology students who visit on arranged

schedules. In addition, the "Birds-Go-To-School Program" takes MBO's philosophies and demonstrations to additional thousands of school children in their classrooms, so that live exhibits may be seen and touched and where spontaneous enthusiasm can lead to questions about research, biology, and our environment.

For a limited number of serious older students, MBO also offers internships that provide an opportunity to live and work at the Observatory for weeks or months, to talk and work with the professional staff, and to carry on independent or supervised studies of their own.

In short, MBO is a center for research and education in environmental biology that not only seeks new information, but also advocates the urgent need for biological awareness, while educating laymen as to some of the techniques used in biological research. To do this, Manomet Bird Observatory is dependent on a core of devoted volunteer and professional staff, as well as contributions and supporting memberships.

#### BIRDING ON PLYMOUTH BEACH

Bruce A. Sorrie, Manomet Bird Observatory

When one thinks of birding on Plymouth Beach, one should recall the tern colony and the opportunity to observe at close quarters four species of nesting terns (Common, Arctic, Roseate, and Least). In fact, this may be the only easily accessible colony in the United States where one can watch the breeding activities of these four species.

The Least terns segregate themselves and nest on the stony ground beside the road, midway out on the three-mile peninsula. The larger terns choose the open dunes near the tip of the beach - the Commons throughout, the Roseates in the thicker patches of dune grass, the Arctic terns on the bare pebbly sand along the edge of the colony. Due to the excessively fragile nature of these dunes, it is essential that no one walk or drive on them. Low tides usually find the birds preening on the exposed sand flats on the bay side, providing excellent opportunities for the photographer.

A word on logistics: the best way to get to the beach is to drive south on Route 3 and take the exit marked "Plymouth Plantation Highway - Manomet." Continue east about a mile and take a left turn onto Route 3A. Proceed north about a mile to Bert's Restaurant, immediately north of which is the beach parking lot and road. When school is out, only vehicles with "Town of Plymouth Facilities" stickers may use the beach road and lot, so be prepared to park elsewhere. Since four-wheel-drive vehicles are necessary anyway, I suggest walking, which is the best way to see birds along the beach. High tides are best for viewing shorebirds, low tides for wintering waterfowl.

For much the same reason as the nesting terns, scores of other species are attracted to the beach. Black Terns (early June), Royal Terns (June-July), Black Skimmers (early to mid-June), and Laughing Gulls (May-June) are rare but regular visitors. At high tide, hundreds of shorebirds search the beach tideflats for invertebrates, and at low tide turn to the mussel beds. Common species from May to early June are: Semipalmated and Black-bellied Plover, Piping Plover (breeds on stony areas), Ruddy Turnstone, Spotted Sandpiper (1 or 2 pair breed in the dunes), Greater Yellowlegs, Knot, White-rumped, Least, and Semipalmated Sandpipers, Dunlin, Sanderling, Short-billed Dowitcher, and an occasional Willet. From late July through September these species return in even greater numbers, usually along with Western Sandpipers, Whimbrel, Hudsonian Godwit, and Golden Plover. Though most birds congregate near the tip of the peninsula, be sure to check both sides of the beach on the way out!

Other summer residents of the beach and marshes include Snowy Egret, Black-crowned Night Heron, Kestrel, Clapper Rail (probably breeds), Tree Swallow, Horned Lark, and Sharp-tailed Sparrow.

A storm in May might produce Northern and Red Phalaropes as well as Gannet, while one in June sometimes brings Wilson's Petrel, Gannet, and Parasitic Jaeger. Fall storms have produced Sooty and Greater Shearwaters (rare), Gannet and the Phalaropes.

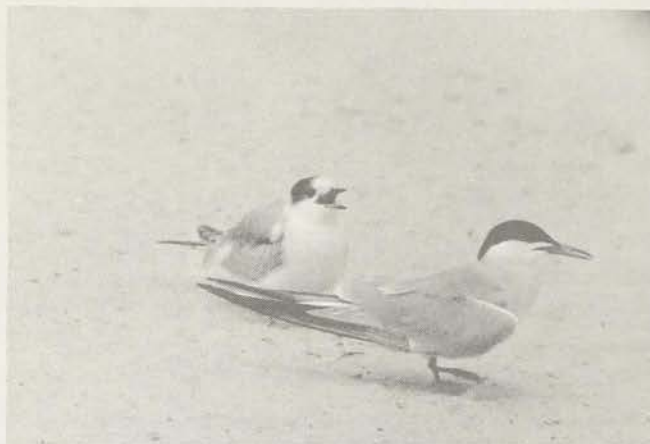
Good birding doesn't stop with cold weather and falling leaves, for abundant migrating and wintering waterfowl find food in the protective harbor. Nearly every eastern spe-

cies of loon, grebe, goose, and duck has been recorded here, most with regularity. Hundreds of Brant stop during migration, and a few winter over with Canada Geese. At least one Barrow's Goldeneye has appeared every winter since 1964. Clapper, Virginia, and Sora Rails are quite regular in the marshes at the base of the beach, at Manter's Point, or behind Boyer's Paint Store off 3A (ask permission). White-winged Gulls are not regular but have shown up surprisingly often. Good views of the harbor wildlife can also be had from the west shore: Boyer's Paint Store, the park off Fremont Street, Plymouth Rock and Town Pier, the breakwater (park at McGrath's Restaurant), and just north of the Cordage Plant (Boundary Street).

The winter beach is bleak, but a diligent observer who roughs it may find Snowy Owl, Horned Lark, Myrtle Warbler, Sharp-tailed, Seaside, and Ipswich Sparrows, and Snow Bunting (annually since 1968). Lingering shorebirds include Black-bellied Plover, Ruddy Turnstone, Knot, Dunlin, Semipalmated Sandpiper, and Sanderling.

Although Plymouth Beach does not enjoy a reputation as a "hot-spot" for rare birds, increased coverage by field observers in recent years has produced an impressive list of rarities at all seasons. Plymouth Beach may well be the "sleeper" of the Massachusetts coast.

The author is planning to publish an annotated list of the area's 190+ species and would be most grateful for additional notes on less-common birds.



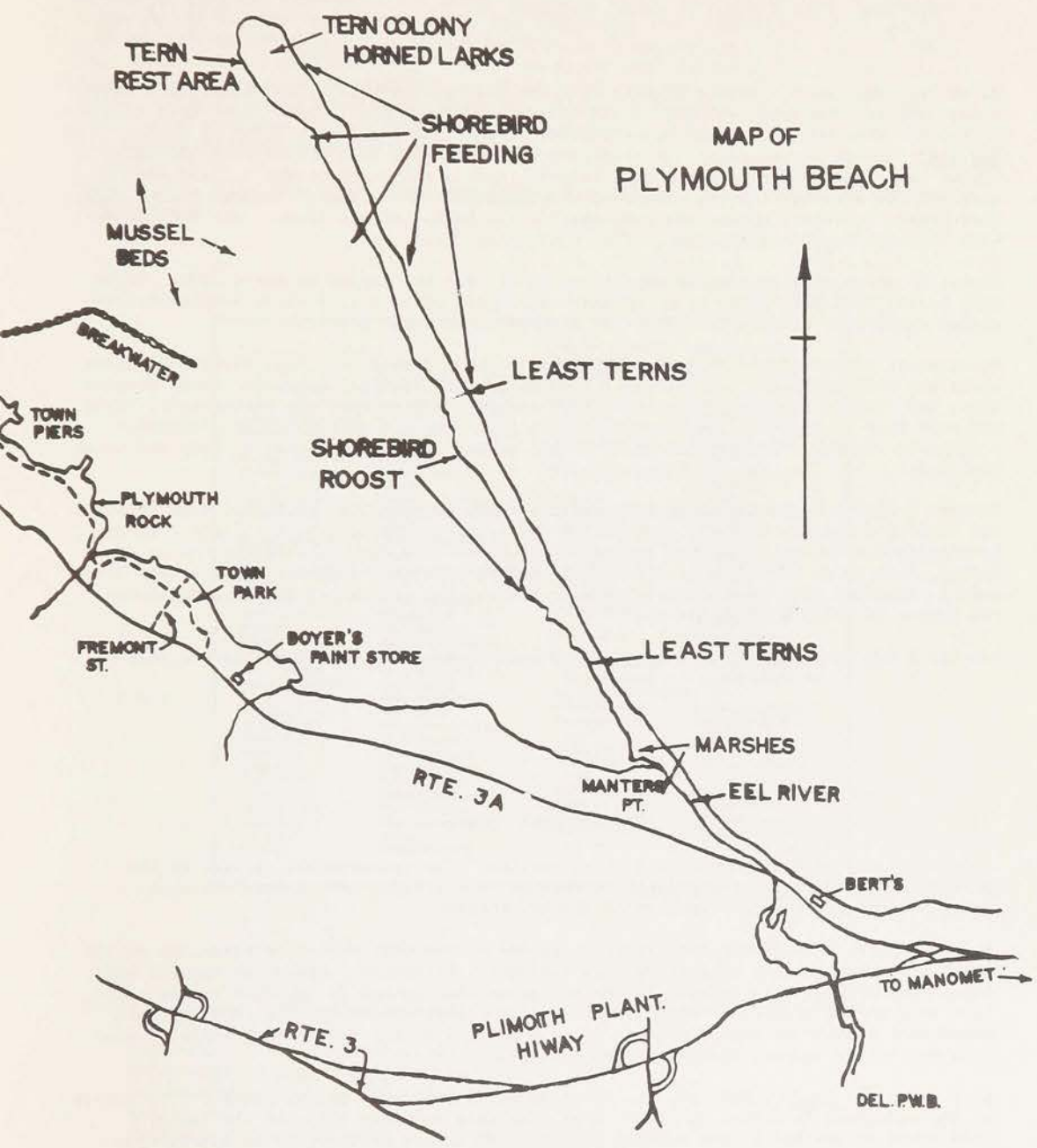
Left - Young Common Tern begging

Lower - Common Tern Family

Photographs by  
Deborah Howard



# MAP OF PLYMOUTH BEACH



April 9, 1936

Robert Cushman Murphy

On my "birding table," amid a clutter of field guides, journals, newsletters, and notebooks, are two fat green volumes, containing over 1,200 pages. These books seem so out of place - what would a casual Massachusetts birder find in Oceanic Birds of South America? The answer is easy: an exemplary description of what a field ornithologist should seek, should study, and should record. And is not every birder a field ornithologist? By learning the observational techniques of author Robert Cushman Murphy, one also learns to better appreciate the behavior and habits of all birds. His monumental work has also engendered my fascination with pelagic species.

Sadly, 60 years of wide-ranging expeditions ended for Mr. Murphy on March 19th. Since 1921 he had been affiliated with the American Museum of Natural History eventually becoming curator of birds and leading his department to world preeminence.

As a result of his researches, Mr. Murphy was able to demonstrate that species of ocean birds are very dependent on particular combinations of weather, currents, water temperature, and endemic food supply, resulting in specific life-zones. In other words, birds may seem free to go where they choose, but in fact they are controlled by planetwide ecological regimes - a truth pertinent to all animal life and one that is only now being realized.

Perhaps a birder could pay no greater tribute to Mr. Murphy than to recall that through his efforts a species believed extinct for 300 years was brought back to life. In 1951, he organized a search party that located the remnant of a once flourishing colony of Cahows, nesting in the rocky crevices of Bermuda's off-shore islands. This timely discovery, together with persistent efforts by others, has maintained the colony, though its future is still most uncertain.

Someday I may see a Cahow, and when I do, I will again remember Robert Cushman Murphy.

L.J.R.

#### PEREGRINE UPDATE

Someday it may be said that a bird saved mankind. The catastrophic decline of the peregrine falcon (Falco peregrinus) focused world attention on our unintentional, ignorant, and profound destruction of the environment.

In the Western Hemisphere, the peregrine is one of the most monitored birds, as if its population and breeding success were an ecological barometer. Greenland was the only major geographical area endemic to the peregrine that lacked an accurate census. But last year a team from five United States institutions, headed by W. G. Mattox, Ohio Department of Natural Resources, and R. A. Graham, U.S. Air Force, established a base upon which this species viability can be judged.

As reported in Arctic, Vol. 25, No. 4, these birds are in a healthy state: "The status of the peregrine is better in West Greenland than in other areas of the north." They found an average of one nesting pair per 100 square miles, with an average production of 2½ young per eyrie.

Incidentally, there is little interspecific competition between peregrines and gyrfalcons; the latter seem to prefer lower nesting sites on the cliffs. Neighboring ravens are relegated to even lower sites.

L.J.R.



THE "BLUE LIST"

No longer does a species have to approach extinction to warrant special concern, attention that may already be too late. American Birds, the field ornithological organ of the National Audubon Society, has instituted the "Blue List," a directory of species showing non-cyclic population declines or range contractions. It is hoped that this advisory will encourage birders to report any sighting of a particular species -- or the lack of sightings -- to national regional compilers, in our case: Davis W. Finch, Knoll Creek Farm, Route 376, Hopewell Junction, N.Y. 12533. The "Blue List" excludes already proclaimed endangered or extremely rare species, such as the Eskimo curlew or ivory-billed woodpecker.

Here is the 1973 "Blue List" (American Birds, Vol. 26, No. 6), compiled by the editor, Robert Arbib.

THE BLUE LIST FOR 1973		
The following species or subspecies are presently giving indications that they are suffering population declines or range diminution in all or parts of their range, but are not now of sufficient rarity to be considered endangered.		
Red-throated Loon	<i>Gavia stellata</i>	Am. Oystercatcher
Western Grebe	<i>Aechmophorus occidentalis</i>	Piping Plover
Fork-tailed Petrel	<i>Oceanodroma furcata</i>	Snowy Plover
White Pelican	<i>Pelecanus erythrorhynchos</i>	Gull-billed Tern
Double-crested Cormorant	<i>Phalacrocorax auritus auritus</i>	Least Tern
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	Royal Tern
Wood Ibis	<i>Mycteria americana</i>	Ancient Murrelet
White-faced Ibis	<i>Plegadis chii</i>	Yellow-billed Cuckoo
White Ibis	<i>Eudocimus albus</i>	Barn Owl
Fulvous Tree Duck	<i>Dendrocygna bicolor</i>	Burrowing Owl
Sharp-shinned Hawk	<i>Accipiter striatus</i>	Florida Scrub Jay
Cooper's Hawk	<i>Accipiter cooperi</i>	Bewick's Wren
Red-shouldered Hawk	<i>Buteo lineatus</i>	Loggerhead Shrike
Swainson's Hawk	<i>Buteo swainsoni</i>	Bell's Vireo
Ferruginous Hawk	<i>Buteo regalis</i>	Gray Vireo
Harris' Hawk	<i>Parabuteo unicinctus</i>	Yellow Warbler
Marsh Hawk	<i>Circus cyaneus</i>	Yellowthroat
Osprey	<i>Pandion haliaetus</i>	Bachman's Sparrow
Caracara	<i>Caracara cheriway</i>	Other nominees, to be carefully watched, but not Blue Listed at this time, include:
Prairie Falcon	<i>Falco mexicanus</i>	Gila Woodpecker
Pigeon Hawk	<i>Falco columbarius</i>	Red-headed Woodpecker
Sparrow Hawk	<i>Falco sparverius</i>	Purple Martin
Sage Grouse	<i>Centrocercus urophasianus</i>	Short-billed Marsh Wren
Limpkin	<i>Aramus guarana</i>	Eastern Bluebird
		Western Bluebird
		Mountain Bluebird
		Santa Barbara Song Sparrow
		<i>Haematopus palliatus</i>
		<i>Charadrius melodus</i>
		<i>Charadrius alexandrinus</i>
		<i>Gelochelidon nilotica</i>
		<i>Sierna albifrons</i>
		<i>Thalasseus maximus</i>
		<i>Synhiloborhamphus antiquum</i>
		<i>Coccyzus americanus</i> (California)
		<i>Tyto alba</i>
		<i>Speotyto cunicularia</i>
		<i>Aphelocoma c. coerulescens</i>
		<i>Thryomanes bewickii</i>
		<i>Lanius ludovicianus</i>
		<i>Vireo bellii</i>
		<i>Vireo vicinior</i>
		<i>Dendroica petechia</i> (California)
		<i>Geothlypis trichas</i> (California)
		<i>Aimophila aestivalis</i>
		<i>Centurus uropygialis</i>
		<i>Melanerpes erythrocephalus</i>
		<i>Progne subis</i>
		<i>Custoithorus platenis</i>
		<i>Sialia sialis</i>
		<i>Sialia mexicana</i>
		<i>Sialia currocoides</i>
		<i>Melospiza melodia</i> (Status unknown).

Of the foregoing, the following species are at present of only local concern:

- Swainson's hawk (S. California)
- Yellow-billed cuckoo (California)
- Red-headed woodpecker (Florida)
- Bell's vireo (S. California)
- Yellow warbler (Colorado)

THE BIRD OBSERVER SUMMARY FOR MARCH

A warm March helped bring some early migrants to Eastern Massachusetts sooner than expected. The mean temperature was 43.3°, 5.6° above normal. The temperature held in the 60's on 8 days with a high of 67° on the 12th. The low was 26° on the 1st. Precipitation totaled only 2.20 inches, more than 2 inches below normal, and only 0.3 inches of snow fell, that amount on the 22nd. Heavier snow fell on the Cape as Nantucket reported 5 inches on that date. March was also mostly cloudy, setting a new record for cloudy days at 24 and giving us only 3 perfectly clear days for birding.

Numerous reports of loons and grebes were received throughout the month from all over the coast as well as an inland report of 3 Pied-billed Grebes from Worcester County. At least 2 different Western Grebes appeared off the coast during the month. An early Snowy Egret was found at Manomet on the 23rd. Black-crowned Night Herons and American Bitterns were reported, most likely continuing winter residents. An early Glossy Ibis was seen in Truro.

Good numbers of winter ducks continued despite the warm weather which brought in some early spring ducks. Thirty Wood Ducks were counted at the Ipswich River Wildlife Sanctuary in Topsfield, and a Wood Duck box containing 11 eggs was found in Easton on the 30th. European Widgeons were found at Cohasset and South Dartmouth, and Barrow's Goldeneyes were reported from 3 areas. Three Harlequin Ducks appeared again at Magnolia, and 2 King Eiders were observed during the month.

Golden Plover at Newburyport on the 31st highlighted the shorebird reports. Yellowlegs arrived on the 13th in W. Yarmouth. A Common Gull was found in Newburyport Harbor on the 13th and continued throughout the month. It was seen most frequently 3 hours after high tide from the Sportsman's Lodge. The Little Gull was observed again at the north end of Plum Island on the 18th. Two late alcids were reported - a Thick-billed Murre lingering at Salisbury and a Puffin picked up and later released at Eastham on the 9th.

Phoebes arrived on the 21st and Tree Swallows on the 17th. Early reports of House Wrens were received, and Bluebirds were found in Ipswich. There were numerous reports of both shrikes; a Northern Shrike flew into a window in Hanover and was stunned, apparently blinded in one eye according to the observer.

The Orange-crowned Warbler was still present in Eastham, and a Palm Warbler was singing in Mt. Auburn Cemetery. Blackbirds arrived in large numbers early in the month, and a few winter finches remained. Early Chipping Sparrows were reported, and 45 Song Sparrows were banded at Manomet Bird Observatory during the last week of March.

Common Loon:			
thr.	6 localities	64	v.o.
Red-throated Loon:			
thr.	5 localities	13	v.o.
Red-necked Grebe:			
thr., 13	7 localities, Dennis (Corp. Beach)	100, max. 51	v.o., B. Nikulà
Western Grebe:			
1; 11, 19, 23	Cohasset; N. Scituate	1; 13	E. Sabin; v.o.
11, 14	Plymouth, Duxbury	1, 1	R. Maxim, C. Corwin
14, 18	Marblehead	1	R. Forster, G. Soucy #
Horned Grebe:			
14	Marblehead	68	R. Forster
Gannet:			
17, 17, 23	N. Scituate, Manomet, Eastham	1, 2, 30	S. Higginbotham, MBO, B. Nikula
Great Blue Heron:			
2	E. Harwich	30+	B. Nikula
Snowy Egret:			
23	Manomet	1	MBO (B. Sorrie)
Black-crowned Night Heron:			
25, 26	Eastham, Hingham	2, 6	CCBC (G. Wilson)
American Bittern:			
21, 28	Nauset, Tewksbury	1, 1	B. Nikula, M. Wilson
Glossy Ibis:			
20	Truro	1	W. Bailey
Canada Goose:			
18	P. I.	max. 1300	M. Moore
Brant:			
26, 28	Squantum, Duxbury	200, 200	G. Wilson, P. Garrey #

Snow Goose:			
5-14,18	Squantum,P.I.	1,4	D.Brown #, v.o.
thr.,23	Orleans,Southboro	1,2	R.Pease #,W.Walkup
Gadwall:			
11	P.I.	max. 14	D.Alexander
Pintail:			
18	P.I.	max. 14	R.Emery #
Green-winged Teal:			
18	P.I.	max. 100	M.Moore
Blue-winged Teal:			
13	Falmouth	1 pr.	R.Pease
European Widgeon:			
4,11	Cohasset	1	B&M Litchfield,G.Soucy
24	S.Dartmouth	1	SSBC(S.Higginbotham)
American Widgeon:			
31	Belmont	15	BBC(L.DeGiacomo)
Shoveler:			
1,1,21	Sandwich,Plymouth,Duxbury	1,1,2	R.Pease,H&D Carmichaels,P.Donahue
Wood Duck:			
18	Topsfield(IRWS)	30+	J&N Berry
Redhead:			
8-12	Plymouth(Jenning's Pond)	1 m.	Carmichaels
25	Acoaxet	1 pr.	S.Harrison #
Ring-necked Duck:			
24	W.Newbury	max. 80+	M&A Argue #
Canvasback:			
8	Yarmouth/Brewster	175	P.Martin #
Greater Scaup:			
24 & 31	Newburyport	2000	BBC(M.Moore)
Lesser Scaup:			
17	Cambridge(Fresh Pond)	4	BBC(J.Tomfohrde)
Common Goldeneye:			
24	Newburyport	max. 5900	BBC(M.Moore)
Barrow's Goldeneye:			
3;13-23	Falmouth;Newburyport	1 f;max. 5,Mar. 13	R.Pease;R.Forster
Bufflehead:			
3	W.Dennis Beach	70	C&B Holdridge
24	Westport area	60	SSBC(S.Higginbotham)
Oldsquaw:			
thr.	Newburyport	max. 200+Mar.25	J.Berry
Harlequin Duck:			
26	Magnolia	3	M.McClellan
Common Eider:			
10;10 on	Plymouth;Newburyport	2500;max.2100 Mar.24	SSBC(Litchfields);BBC(M.Moore)
King Eider:			
4,10	Provincetown,Plymouth	1,4	H.D'Entremont#,SSBC(Litchfields)
White-winged Scoter:			
10	P.I.,Plymouth	25,25	BBC(G.Soucy),SSBC(Litchfields)
Surf Scoter:			
10	Plymouth	10	SSBC(Litchfields)
Black Scoter:			
20	P.I.	12	W.Nelson
Ruddy Duck:			
3,26	Falmouth,Framingham Resrv.	8,7	R.Pease,P.Stanton
Hooded Merganser:			
7,30	5 localities	1-3	v.o.
Common Merganser:			
1,10	S.Dartmouth,Amesbury	10,15	W.Cornwall,H.D'Entremont #
16	Lincoln(Cambridge Resrv.)	20	R.Forster
24,31	Wachusett Resrv.,W.Newbury	19,20	B.Blodget,H.D'Entremont #
Red-breasted Merganser:			
24	Westport	90	SSBC(S.Higginbotham)
Goshawk:			
18&19,24	Rowley,Weston	1,1	R.Emery & D.Alexander,fide J.Baird
29	Barnstable(Sandy Neck)	1	R.Pease
Sharp-shinned Hawk:			
thr.	4 localities	singles	v.o.

Cooper's Hawk:			
1	S.Dartmouth	1	R.Forster
Red-tailed Hawk:			
3,24	Brookline,Westport	5,4	A.Agush,SSBC(S.Higginbotham)
7 on	8 localities	1-2 tot. 11	v.o.
Red-shouldered Hawk:			
1-25;9	5 localities;Norwell	1-2 tot. 5; 3	v.o.;Litchfields
Rough-legged Hawk:			
18-24;31	Rowley,W.Newbury,Newburyport, Littleton;Bridgewater	singles; 3	v.o.; D.Briggs
Golden Eagle:			
21	S.Dartmouth/Westport	1	P.Regan & v.o.
Bald Eagle:			
21,22	Westport,Harvard	1,1	PBC(C.Plaud),fide B.Blodget
Marsh Hawk:			
1-26	Squantum	1	John Mitchell
3-20	P.I.	1-2	BBC(S.Grinley) & v.o.
8	Truro	1 m.	P.Martin #
Osprey:			
5 on	Westport	2-4	J.Fernandez & v.o.
Peregrine Falcon:			
31	Milton(summit of Gr.Blue Hill)	1	F.Hamlin
Pigeon Hawk:			
18&19,29	P.I.,Salisbury	1,1	M.Moore & v.o.,H.D'Entremont
Ruffed Grouse:			
7,10	Sandwich,S.Dennis	1,2	P.Martin,Holdridges
Virginia Rail:			
7,11	W.Roxbury,Sandwich	1,1	F.Atwood,R.Pease
American Coot:			
14	Falmouth	32	Holdridges
Piping Plover:			
25,26	Barnstable,Gloucester	6,1	B.Sorrie,M.McClellan
31	S.Dartmouth	6	H.Wiggin #
Killdeer:			
27	Bolton	16	D&V Crompton
Golden Plover:			
31	Newburyport	1	M.Gardler
Black-bellied Plover:			
31	S.Dartmouth	1	Argues #
Ruddy Turnstone:			
1	Cohasset	21	R.Chute
Woodcock:			
2,5	Middleboro,Norwell	1,2	K.Anderson,Litchfields
12	Newton,Littleton,Wellesley	1,1,1	P.Martin,J.Baird,R.Forster
Common Snipe:			
10	Woburn(Horn Pond)	1	BBC(J.Holman)
18	P.I.,Bolton	1,1	D.Alexander,B.Blodget
21	S.Dartmouth,Sandwich	7,1	PBC(R.Pease)
Greater Yellowlegs:			
13-26,15	W.Yarmouth,Dorchester	1,1	E.Matthewson,J.O'Regan
19	Wellfleet,S.Wellfleet(WBWS)	1,2	R.Forster,W.Bailey
24;28	P.I.,Eastham(F.H.);Squantum	1,3;2	R.Emery#,V.Laux;W.Cornwall #
Knot:			
18	Revere Beach	54	G.Soucy #
Purple Sandpiper:			
24	Westport,Acoaxet	30,15	SSBC, H.Bates
Dunlin:			
31	S.Dartmouth	150	Argues #
Sanderling:			
22	Barnstable(Sandy Neck)	10-15	R.Pease
Glaucous Gull:			
10,18	Salisbury	1,2	BBC(G.Soucy),D.Alexander &M.Moore
17,31	P.I.,Gloucester	2,1	D.Alexander,J.Berry
Iceland Gull:			
thr.	Salisbury	max. 20 Mar.10	BBC(G.Soucy)
Ring-billed Gull:			
thr.	Newburyport	max. 600 Mar.18	W.Bailey #

Black-headed Gull:			
2,5;4,25	E.Harwich;Chatham	1;1	B.Nikula;BBC,CCBC
8;13,31	Wellfleet;Newburyport	1;5,3	P.Martin;R.Forster,S&H Harrison
Bonaparte's Gull:			
18	P.I.(north end)	150	R.Emery #
Common Gull:			
13-31	Newburyport	1 ad.	R.Forster, v.o.
Little Gull:			
18	P.I.(north end)	1	D.Alexander,R.Emery
Black-legged Kittiwake:			
19	Salisbury	1	D.Brown #
Thick-billed Murre:			
10	Salisbury	1	BBC(G.Soucy)
Common Puffin:			
9	Eastham	1 (released)	W.Bailey
Screech Owl:			
4,6;7	Cambridge,Middleboro;W.Roxbury	1,1;1	R.Stymeist,D.Briggs;F.Atwood
Great Horned Owl:			
6,24	Middleboro,Ipswich	4,1	D.Briggs,J.Berry
Barred Owl:			
1	Cambridge	1	S.Metzger
Long-eared Owl:			
6	Middleboro	1	D.Briggs
Short-eared Owl:			
3,10,31	Salisbury	1	v.o.
25,27	Barnstable,Squantum	1,1	R.Pease,J.Mitchell
Ruby-throated Hummingbird:			
18	Sudbury	1 (picked up alive)	fide J.Baird
Yellow-shafted Flicker:			
24,31	P.I.,Cambridge(Mt.A)	5,4	M.Moore,L.Robinson
Pileated Woodpecker:			
13	Concord	1	C.Faxon
Eastern Phoebe:			
21	Plymouth,W.Newbury	1,1	Carmichaels,P.Garrey
24	Westport,Lincoln	1,1	A.Agush,P.Swift
25	Manomet,Eastham	1,1	MBO,CCBC(P.Aiken)
30	Bridgewater	(coming to nesting sites)	D.Briggs
Tree Swallow:			
17	Essex,Quaboag Valley	1,2	P.Parsons,B.Blodget
19,23	Middleboro	1,20	L.Pratt,M.Perry
23	Lakeville	20	M.Perry
24,25	Westport,Littleton	1,15	SSBC(S.Higginbotham),R.Baird
Fish Crow:			
18&19	Brookline	1	A.Agush
21,22	Jamaica Plain,W.Roxbury	1,9	H.D'Entremont,W.Cornwall
31	Cambridge(Mt.A)	1	L.Robinson
Boreal Chickadee:			
13	W.Boylston	2	B.Blodget
Tufted Titmouse:			
3	Brookline	13	A.Agush
Red-breasted Nuthatch:			
3	Brookline	6	A.Agush
Brown Creeper:			
5&6	Dedham	4	A.Agush
House Wren:			
21;24,31	S.Dartmouth;Ipswich(Town Hill)	1;1	PBC(C.Plaud;J.Berry)
Carolina Wren:			
24	Acoaxet	1	SSBC(S.Higginbotham)
25,31	Westport	3,1	C.Ewer,ABC(H.Bates)
Catbird:			
11	Lincoln	1 (wintering)	P.Miller
Brown Thrasher:			
14	Marblehead(MNWS)	1	R.Forster
24,31	Barnstable,Ipswich(Town Hill)	1,1(singing)	R.Pease,J.Berry
Robin:			
8	S.Dartmouth	30 (migrating)	P.Regan
14,16	Wellesley,Brookline	14,40	R.Forster,A.Agush

Hermit Thrush:			
25,31	Cambridge,Marblehead(MNWS)	1,1	Argues,Harrisons
Eastern Bluebird:			
4	Chatham(Cockle Cove)	8	BBC(D.Baines)
8,31	Chatham(Harding's Beach),Ipswich	1,1	P.Martin,J.Berry
Golden-crowned Kinglet:			
24	Ipswich	10	J.Berry
Water Pipit:			
4,8;24	Truro;Newburyport	1;1	H.D'Entremont,P.Martin;H.Wiggin
Cedar Waxwing:			
3	Cambridge(Mt.A)	28	S.Raabe
22,26	on Wayland,Waltham	15,30	P.Provost,J.Gibbs
Northern Shrike:			
3-24	P.I.	1	BBC(S.Grinely), v.o.
4	Ipswich(Crane's Beach),Eastham	1,1	J.Berry,R.Pease
Loggerhead Shrike:			
8	Dennis,Yarmouth	1,1	R.Pease,P.Martin
20,24	P.I.,W.Newbury	1,1	W.Nelson,BBC(M.Moore)
Orange-crowned Warbler:			
thr.	Eastham	1	v.o.
Myrtle Warbler:			
4	Sandwich	300	D.Brown
Palm Warbler:			
21	Cambridge(Mt.A)	1 (singing)	L.Robinson
Eastern Meadowlark:			
4	Chatham,Eastham(F.H.)	14,8	D.Baines,R.Pease
18	W.Newbury,Brookline	2,2	D.Alexander,A.Agush
31	Newburyport,Belmont	10,1	BBC(W.Drummond),L.DeGiacomo
Redwing Blackbird:			
1,2	S.Natick,S.Dartmouth	150,125	W.Haywood,P.Regan
3,4	W.Newbury,Brookline	50,80	W.Drummond,A.Agush
10	Sudbury,Plymouth	150,70	H.Wiggin,Litchfields
Common Grackle:			
7	Lincoln	300-400	J.Baird
Brown-headed Cowbird:			
16,29	Newbury,Tewksbury	25,75	R.Emery,M.Wilson
Dickcissel:			
7	Dorchester	1	J.O'Regan
18,31	Wellfleet(WBWS),Plymouth	1,1	W.Bailey,Carmichaels
Evening Grosbeak:			
thr.,26	Plymouth,Dedham	20,50	v.o.,A.Agush
Purple Finch:			
28	Fall River	30	PBC
House Finch:			
thr.,16	Wollaston,Brookline	5,3	R.Emery,A.Agush
Pine Grosbeak:			
9,18	Sandwich,Topsfield(IRWS)	9,4	R.Pease,J.Berry
Pine Siskin:			
6,11	Abington,Lincoln	1,2	E.Pearson,P.Miller
24,29	Topsfield(IRWS),Holden	4,7	J.Berry,Cromptons
Red Crossbill:			
1,12	Manchester,Belmont	12,2	L.Jodrey,P.Martin
13-19	Cambridge(Mt.A)	1-30	L.Robinson, v.o.
16	Woburn	4	M.Baird,R.Fox
21,31	Jamaica Plain(AA),W.Boylston	16,9	D.Brown,B.Blodget
White-winged Crossbill:			
1,10	Manchester,Woburn(Horn Pond)	1,2	L.Jodrey,BBC(J.Holman)
21	Jamaica Plain(AA)	9	D.Brown
Rufous-sided Towhee:			
31	Ipswich	1	J.Berry
Savannah Sparrow:			
7	Dorchester	2	J.O'Regan
19,24	Eastham(F.H.),Westport	1,1	R.Pease,SSBC
Sharp-tailed Sparrow:			
19	Eastham(F.H.)	1	R.Pease
Slate-colored Junco:			
31	Cambridge(Mt.A)	250	L.Robinson

Tree Sparrow:			
7	Dorchester	100+	J.O'Regan
Chipping Sparrow:			
13,25;31	Cambridge(Mt.A), Sandwich;S.Dennis	1,1;1	S.Raabe,R.Pease;Holdridges
Field Sparrow:			
2,24	Barnstable,Westport	1,1	R.Pease,SSBC
16	Woburn(Horn Pond)	1 (singing)	M.Baird
White-throated Sparrow:			
11	Cambridge(Mt.A)	11	BBC(R.Stymeist)
Fox Sparrow:			
11	Cambridge(Mt.A)	3	BBC(R.Stymeist)
Song Sparrow:			
22-31	Manomet	45 (banded)	MBO
31	P.I.	50	BBC(W.Drummond)
Lapland Longspur:			
thr.	Salisbury	max. 100	D.Alexander #
Snow Bunting:			
thr.	Salisbury	max. 30	v.o.

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THE BIRD OBSERVER SUMMARY FOR APRIL

This mid-spring month was warm and wet in Boston with an average temperature of 49.9°. The month's high was 84° on Easter, April 22nd; the lowest was 31° on the 13th and 14th. Rainfall totaled 5.65 inches.

Loons and grebes were present in about their usual numbers, and an Eared Grebe appeared at Manomet.

Heron specialities included 9 Little Blue Herons, 53 Cattle Egrets, 7 Great Egrets, 3 Louisiana Herons, 2 Yellow-crowned Night Herons, and a Least Bittern was picked up alive in Rockport.

A count of 2000 Brant was made in Duxbury Bay, and 600 Snow Geese, including 3 dark phases, were observed at Plum Island. Eight Northern Shovelers were noted at Plum Island, and over 2800 Oldsquaws remained in Newburyport Harbor.

The spring hawk flight was generally poor. Interesting raptor reports included many Turkey Vultures, a Black Vulture in Needham, a Golden Eagle in Templeton and 4 reports of Peregrine Falcons.

Oystercatchers returned to Monomoy, Golden Plovers were reported from Newburyport where 3 Reeves were seen, and a Ruff was found at the Bolton flats. Glaucous and Iceland Gulls lingered through the month, and the Common Gull was still present at mid-month at Newburyport.

Black-billed Cuckoos were reported from 4 localities on Cape Cod. Swallows did not appear in great numbers until the end of the month. Thirteen Blue-gray Gnatcatchers were noted. This species seems to be extending its northern range.

Southwest winds on the 15th, 16th, 17th, and again on the 21st, 22nd and 24th brought up many of the early migrants. Hermit Thrushes and Common Flickers peaked on the 16th, and Solitary Vireos were later than usual. Fifteen species of warblers were observed: high-lights were Orange-crowned, Cape May, Yellow-throated and Hooded Warbler.

A Western Meadowlark was seen and heard in Hadley on the 21st and remained until the 24th. Orchard Orioles were noted on Cape Cod, with only a few migrant Northern Orioles reported. There was an early influx of Summer Tanagers, Blue Grosbeaks and Indigo Buntings. Red Crossbills were observed in many localities, but White-winged Crossbills were reported only from Mt. Auburn.

Red-throated Loon:			
15	South Shore	75	W.Petersen
Red-necked Grebe:			
2,5,7;15	Dennis(Corp.Beach);Barnstable	21,31,8;3	B.Nikula;R.Pease
Eared Grebe:			
25	Manomet(MBO)	1	B.Harrington, v.o.

Wilson's Storm Petrel:			
3,27	Barnstable, Sandy Neck	20,500	R. Pease
Gannet:			
20,22	Ipswich, Brewster	2,3	V. Nelson, G. Soucy
Double-crested Cormorant:			
5,15	Middleboro, Squantum	11,20	D. Briggs, D. Brown #
25,29	Bridgewater, P.I.	150,25	J. Nichols, R. Emery #
Green Heron:			
13,17	Middleboro, Tewksbury	1 (dead), 1	S&S Peak, M. Wilson
18,19	Plymouth, Cambridge (Mt. A)	1,3	H&D Carmichael, R. Stymeist
Little Blue Heron:			
7,9	S. Dartmouth, Middleboro	1,1	G. Barraclough, C&W Corwin
19,22	Rowley, S. Dartmouth	1,2	M. Moore, P. Regan
28-30	Squantum	2 ad.	E. Moira, v.o.
Cattle Egret:			
16-30	Marshfield	max. 17 (23rd)	B. Litchfield #
21-28; 25	Ipswich; Bridgewater	max. 10 (28th); 7	I. Giriunas; Corwins
Great Egret:			
13,16-17	S. Dartmouth, Cambridge (Mt. A)	2,1	P. Regan, O. Earle # v.o.
19,28	Plymouth, Nauset	1,1	Carmichaels, B. Nikula
Louisiana Heron:			
3,13	S. Harwich, Eastham (F.H.)	1,1	B. Nikula, L. Conant
8-21	Squantum	1	D. Brown, v.o.
Yellow-crowned Night Heron:			
18,26	Marblehead, Squantum	1 ad., 1 ad.	Staples, N. Osborne
Least Bittern:			
3	Rockport	1	C. Bannon
American Bittern:			
8,11	W. Roxbury, Barnstable	1,1	F. Atwood, R. Pease
14,28	P.I., Newbury	1,1	Horns, R. Veit
Glossy Ibis:			
2,13	Eastham, S. Dartmouth	5,1	C. Wellman, P. Regan
16; 17	Newburyport; Millis, P.I.	12; 3, 2	R. Emery #; F. Hamlin, D'Entremont #
18,25	Squantum, Scituate	1,14	D. Brown, B. Litchfield
Brant:			
15,28	Duxbury Bay, Barnstable	2000+, 200	W. Petersen, M. Wilson
14-25	Salisbury	max. 100 (14th)	S. Swaebe
Snow Goose:			
7,8	Wayland, West Roxbury	45,29	Bennett, F. Atwood
7&8, 15&16	P.I.	max. 600, 3	D. Alexander, v.o.
Gadwall:			
19,27	GMNWR, P.I.	12,12	M. Wilson, R. Emery #
Pintail:			
thr., 22	P.I., Chatham	max. 20, 1	J. Berry, R. Pease
Green-winged Teal:			
thr.	P.I.	max. 250 (14th)	W. Petersen
8-10	P.I. (Eurasian subspecies)	1	v.o.
Blue-winged Teal:			
thr.	P.I.	max. 30 (28th)	BBC (I. Giriunas)
American Wigeon:			
8,14	P.I.	2,6	SSBC (H.D'Entremont, BBC (J. Berry)
15,16	Belmont, GMNWR	6,2	R. Stymeist, BBC (J. Hinds)
Northern Shoveler:			
Thr.	P.I.	max. 8 (13th)	R. Emery #, v.o.
13,22	S. Dartmouth, Chatham	1,1	P. Regan, B. Nikula
Wood Duck:			
7; 12	Wayland, Concord; Marshfield	2,4; 2	R. Stymeist, P. Martin; G. Wilson
16,23	Concord (GMNWR), Norwell	8,6	BBC (J. Hinds), J. Nichols
Redhead:			
8,19	Boston (Jam. Pond), Plymouth	1,1	F. Atwood, Carmichaels
Ring-necked Duck:			
16	West Newbury	max. 100	C&T Banas
Canvasback:			
7,20	Acoaxet, Newburyport	7,4	BBC (T. Athearn), W. Nelson
Greater Scaup:			
8	Newburyport Harbor	max. 500	SSBC (H.D'Entremont)
Lesser Scaup:			
1,29	Quaboag Valley, Marshfield	6,2	B. Blodget, SSBC (R. Fox)



Barrow's Goldeneye:				
1,7	Newburyport, Harwich		1,1	W. Petersen, B. Nikula
Bufflehead:				
8	Newburyport Harbor	max.	300	SSBC (H.D'Entremont)
Oldsquaw:				
thr.	Newburyport Harbor	max.	2800 (29th)	W. Petersen #
Common Eider:				
14,15	P.I., Duxbury Bay	max.	500, 1800	D. Alexander, W. Petersen
King Eider:				
1,17	N. Scituate, Marblehead		4,1	M. Spring, D. Snyder
White-winged Scoter:				
15	Duxbury-Plymouth		1000+	W. Petersen
Surf Scoter:				
14,15	P.I., Chatham		3,27	J. Berry, P. Aiken
Black Scoter:				
14	P.I.	max.	100	D. Alexander
Ruddy Duck:				
17-30	P.I.	max.	4	v.o.
11,15	Falmouth		8,12	R. Pease, G. Wilson
Hooded Merganser:				
15	Ipswich		2	R. Emery #
Common Merganser:				
1	Quaboag Valley		15	BBC (B. Blodget)
7,15;28	S. Dartmouth, Chatham; Rowley		2,2;3	BBC; P. Martin #
Turkey Vulture:				
11,12	Uxbridge		3,1	L. Conant
13,20	S. Wellfleet (WBWS), Readville		1,1	V. Laux, O. Wallen #
Black Vulture:				
17	Needham		1	M. Gardler
Goshawk:				
5,19	Phillipston, Newburyport		1,1	J. Baird, M. Moore
Sharp-shinned Hawk:				
7,14	Jam. Plain (A.A.), Milton		1,1	F. Atwood, R. Veit
22,29	Littleton, Marshfield		2,2	J. Baird #, SSBC (R. Fox)
Coopers Hawk:				
13,17	Cambridge (Mt. A), Dover		1,1	H. Wiggin, F. Hamlin
21,29	P.I., Marshfield		1,1	G. Soucy #, SSBC (B. Smyth)
Red-shouldered Hawk:				
7,13	Plymouth, W. Newbury		1,1	R. Clayton, D. Alexander
Broad-winged Hawk:				
19,23	Concord (GMNWR), Dedham		1,1	M. Wilson, A. Agush
25,28	Cambridge (Mt. A), Natick (Broadmoor)		1,1	v.o., E. Taylor
Golden Eagle:				
12	Templeton		1	J. Baird
Marsh Hawk:				
7	P.I.		4	G. Wilson
Osprey:				
thr.;7	Westport; Salisbury, W. Newbury		7;1,1	v.o.; R. Stymeist # v.o.
Peregrine Falcon:				
8,13	Scituate, Boston (49th flr. Prud. Bldg.)		1,1	S. Swaebe, B. Keenan
21,25;29	P.I., Plymouth; P.I.		1,1;1	G. Soucy #, M. Woloschuk; M. Argue #
Merlin:				
7	P.I.	max.	11	v.o.
American Kestrel:				
7,18,17	P.I., Cambridge, Squantum		14,5,5	R. Emery #, R. Stymeist #, W. Cornwall #
Ruffed Grouse:				
3-10,22	Milton, Weston		1,1	E. Sumner, D. Dumaine
King Rail:				
28	Milton (F.M.)		1	M. Woloschuk
Clapper Rail:				
1	S. Dartmouth		1	BBC (P. Regan)
Virginia Rail:				
8-30,28	W. Roxbury, Lynnfield	max.	11 (30th), 8	F. Atwood, T. Leverich #
Sora Rail:				
20,21	Concord (GMNWR), P.I.		1,1	H.D'Entremont #, BBC (S. Grinley)
23,28	Marshfield, Lynnfield		1,4	W. Petersen, P. Martin #
Common Gallinule:				
21-30,29	P.I., Harwich		1,2	E&D Sampson, C&B Holdridge

American Oystercatcher:			
15	Monomoy	2	W.Bailey
Semipalmated Plover:			
30	Chatham	2	B.Nikula
Piping Plover:			
1,6	Truro,Plymouth	2,4	J.Clancy,Carmichaels
7,30	Dartmouth,Chatham	12,50	H.D'Entremont,B.Nikula
Killdeer:			
5,7	Marshfield,Salisbury	35,15	W.Petersen,R.Stymeist #
American Golden Plover:			
3&5	Newburyport	1	M.McClellan #,H.D'Entremont
Black-bellied Plover:			
18,28	Chatham,North Beach	43,100	D.Brown,W.Petersen
American Woodcock:			
12	Belmont	5	BBC(N.King)
Common Snipe:			
8,28	W.Roxbury,Newbury	20,14	F.Atwood,R.Veit #
Upland Sandpiper:			
5,16	Middleboro,Marshfield	1,1	D.Briggs,W.Petersen
20,30	Newburyport,Edgartown	1-3,1	M.Gardler,M.Hancock
Spotted Sandpiper:			
21	Lakeville	1	E.Athern
Solitary Sandpiper:			
16	Marshfield	1	W.Petersen
Greater Yellowlegs:			
1	Squantum,S.Wellfleet,P.I.	2,1,1	W.Cornwall,J.Clancy,J.Berry
28	Newburyport	30	BBC(I.Giriunas)
Lesser Yellowlegs:			
8,16	Bolton,Marshfield	1,1	McMenemy #,W.Petersen
Purple Sandpiper:			
7,15	Acoaxet,Chilmark M.V.	40,10	BBC(T.Athearn),M.Hancock
22	Westport Harbor	9	BBC(P.Regan)
Pectoral Sandpiper:			
8,16,25	P.I.,Marshfield,Ipswich	3,18+,13	v.o.,W.Petersen,H.D'Entremont #
Least Sandpiper:			
25	Marshfield	2	B.Litchfield
Dunlin:			
22	S.Dartmouth	150	P.Regan
Short-billed Dowitcher:			
18,21	Eastham,P.I.	1,1	D.Brown #,G.Soucy #
Ruff:			
8&9,9	Bolton Flats,P.I.	1,3 f.	D.Crompton # & v.o.,D.Alexander
Sanderling:			
28	North Beach	600+	W.Petersen
Glaucous Gull:			
3,26	Newburyport,P.I.	1,1	W.Cornwall #,G.Wilson #
Common Gull:			
1-15	Newburyport	1	v.o.
Black-headed Gull:			
thr.	Newburyport	1-3	v.o.
Laughing Gull:			
11,22	Falmouth,Dartmouth	1,20	R.Pease,D.Brown
Common Tern:			
28	Monomoy	12	W.Petersen #
Black-billed Cuckoo:			
4;7	Harwich,Eastham;Newbury	1,1;1(dead)	L.Walsh;L.Goldberg
29	Sandwich*	1	R.Pease
Screech Owl:			
29	Nahant	1	W.Petersen
Great Horned Owl:			
thr.	Belmont(Highland Farm)	2	H.Brett, v.o.
22	Chatham(Stage Island)	1	R.Pease
Snowy Owl:			
1,7	Hubbardston,P.I.	1,1	fide R.Jenkins,L.Vaughan
Short-eared Owl:			
3,15	Salisbury,Squantum	1,1	FCBC(M.McClellan),D.Brown #

Saw-whet Owl:			
7,8	N. Eastham, Belmont (High. Farm)	1,1	R&L Samuelson, R. Stymeist #
10,14	Middleboro, Brewster	1,1	K. Anderson, C. Goodrich
Whip-poor-will:			
26-30	Cambridge (Mt. A)	1	v.o.
Chimney Swift:			
22,23	Fall River, Middleboro	1,2	D. Brown #, C. Corwin
28	general arrival		v.o.
Ruby-throated Hummingbird:			
21,26	P. I., Middleboro	1,1	BBC (S. Grinley), D. Elkin
Common Flicker:			
thr.	Cambridge (Mt. A)	max. 17 (17th)	R. Stymeist
16,22	P. I., Brookline	20,25	R. Emery #, A. Agush
Eastern Kingbird:			
18,22,29	Middleboro, Brookline, Marshfld.	1,1,1	D. Briggs, A. Agush, SSBC (R. Fox)
Eastern Phoebe:			
thr.	21 localities	59	v.o.
Horned Lark:			
8	Salisbury	10	SSBC (H. D'Entremont)
Tree Swallow:			
thr.	22 localities (max. 100 Wachusett Reservoir)		FBC
1 <sup>+</sup>	Quaboag Valley	12	BBC (B. Blodget)
Bank Swallow:			
28	Natick	3	BBC (E. Taylor)
Rough-winged Swallow:			
18&19,20,29	Middleboro, Harwich, Chatham	1-6,1,2	D. Briggs, R. Pease, B. Nikula
Barn Swallow:			
16	Ashumet	2	C. Holdridge
28	W. Newbury, Newbury; Canton	1,1;3	R. Veit #; M. Woloschuk
29	S. Dartmouth	1,8	R. Stymeist #
Cliff Swallow:			
22,29	W. Harwich, W. Newbury	2,2	B. Nikula, W. Petersen #
Purple Martin:			
7,28	Middleboro	7,50+	D. Briggs, R. Maxim
28,29	P. I., S. Dartmouth	9,2	R. Stymeist #, P. Martin #
Fish Crow:			
thr., 1&7	W. Roxbury, Cambridge (Mt. A)	max. 14,1	F. Atwood, R. Stymeist
House Wren:			
1,22	Scituate, Fall River	1,1	M. Spring, P. Regan
25,26	Manomet, Norwell	1,1	J. Nichols, B. Litchfield
Winter Wren:			
7	Topsfield, Belmont	1,1	P. Martin #, R. Stymeist #
8,17&26	Cambridge (Mt. A)	1,1	R. Stymeist #, P. Martin #
9	Newton, Squantum	1,1	P. Martin, E. Moirn
15-17	P. I.	1	R. Emery # & L. Webster #
18,22	Plymouth, Hanover	1,1 (singing)	Carmichaels, J. Nichols
29	West Roxbury	1	F. Atwood
Carolina Wren:			
9-19,13	Plymouth, No. Dartmouth	1,2	Carmichaels, P. Regan
22,23	Fall River, Barnstable	1,2	BBC (P. Regan), R. Pease
Long-billed Marsh Wren:			
16	Marshfield	1	W. Petersen
17,21	P. I.	1	BBC (H. D'Entremont), BBC (S. Grinley)
22;28	Dartmouth; Harwich, Lynnfield	1;1,1	BBC (P. Regan); R. Pease, P. Martin #
30	Concord (GMNWR), W. Roxbury	1,1	M. McClellan, F. Atwood
Gray Catbird:			
18,21	Eastham, Mashpee	1,1	M. Argue #, R. Pease
22,23	Fall River, Cambridge (Mt. A)	1,1	BBC (P. Regan), R. Stymeist #
Brown Thrasher:			
11,13	Middleboro, P. I.	1,2	D. Briggs, R. Emery #
15,22	Chatham, Tewksbury	1,1	BBC, M. Wilson
23-30	Cambridge (Mt. A)	1-4	R. Stymeist & v.o.
Robin:			
1	Quaboag Valley	160	BBC (B. Blodget)
Hermit Thrush:			
10	Middleboro	1 (singing)	K. Anderson
15-30	Cambridge (Mt. A)	1-9	v.o.
16	P. I.	20	R. Emery #

Bluebird:			
thr.	10 reports	16	v.o.
Blue-gray Gnatcatcher:			
17,21	Falmouth,Manomet	1,4	R.Pease,MBO(T.Evans)
22-26,25	Cambridge(Mt.A),W.Roxbury	1-3,2	E.Root & v.o.,F.Atwood
28;30	Natick,Canton;Milton	1,1;1	BBC(E.Taylor),M.Woloschuk;R.Veit
Ruby-crowned Kinglet:			
4-24,14	Manomet,Westport	4(banded),6	MBO,P.Regan
15-30	Cambridge(Mt.A)		
16-26	P.I.	50,35	R.Emery#
16,21,23	Squantum,Scituate,Newton	2,6,12	W.Cornwall#,J.Nichols,P.Martin
Water Pipit:			
7,12	Middleboro,P.I.	1,1	D.Briggs,P.Spencer#
15,29	Plymouth Beach,Newburyport	1,1	Carmichaels,W.Petersen#
Cedar Waxwing:			
3,8	Waltham	30,50	J.Gibbs, fide P.Butler
Northern Shrike:			
6,10	Sagamore,Newton	1,1	J.Loughlin,P.Martin
Loggerhead Shrike:			
8,22	P.I.,Somerset	1,1	D.Alexander,D.Wait
12	West Roxbury	1	J.Pickup
Red-eyed Vireo:			
29	P.I.	1(dead)	W.Petersen,C.Goodrich
White-eyed Vireo:			
20-28	Chatham(Stage Island)	1	R.Pease
Warbling Vireo:			
28	Middleboro	1	B.Maxim
Solitary Vireo:			
21-30	Cambridge(Mt.A)	1-5	V.Brenton & G.Wolf, v.o.
23;24	Newton,Scituate;Milton	1,1;1	P.Martin,J.Nichols;R.Veit
28	Boxford,Canton,P.I.	1,1,1	Soucy#,Woloschuk,BBC(Giriunas)
Black & White Warbler:			
4,14	Manomet,Milton	1,1	MBO,R.Veit
17,22	Marblehead,Fall River	1,2	D.Snyder,P.Regan
23-30	Cambridge(Mt.A)	1-3	v.o.
Orange-crowned Warbler:			
20	P.I.	1 (singing)	W.Nelson
Parula Warbler:			
22,27	Canton,Vineyard Haven(M.V.)	1,1	M.Woloschuk,M.Hancock
Yellow Warbler:			
30	West Roxbury	1	F.Atwood
Cape May Warbler:			
28	Chatham	1	B.Nikula
Yellow-rumped Warbler:			
7,14	Topsfield,Westport	1,10-12	M.Wilson,P.Regan
16-30	Cambridge(Mt.A)	max. 21(23rd)	v.o.
16,29	P.I.,West Roxbury	5,22	R.Emery#,F.Atwood
Black-throated Green Warbler:			
28	Boxford	1	BBC(I.Giriunas)
Yellow-throated Warbler:			
28-30	Falmouth	1	R.Pease
Pine Warbler:			
14,15	Westport,Sandwich	1,3	P.Regan,R.Pease
16&17,19	Plymouth,W.Tisbury(M.V.)	2,1	Carmichaels,M.Hancock
21;22	Middleboro,Manchester;Tewksbury	1;1	E.Athearn,G.Soucy#;M.Wilson
Palm Warbler:			
4-24,14	Manomet,P.I.	3(banded),2	MBO,R.Emery#
16-30	Cambridge(Mt.A)	5-18	v.o.
16,17	Squantum,P.I.	4,4	W.Cornwall,H.D'Entremont#
19;22,23	Plymouth;Newton(2 places)	2;3,7	Carmichaels;R.O'Hara,P.Martin
Ovenbird:			
15,28	Topsfield,Chatham	1,1	L.Webster,R.Pease#
Northern Waterthrush:			
14,23-30	Plymouth,Cambridge(Mt.A)	1,1	Carmichaels,R.Stymeist & v.o.
24;30	Squantum,E.Middleboro;W.Rox.	1,1;1	D.Brown,K.Anderson;F.Atwood
Louisiana Waterthrush:			
17-30,20	Boxford,Dover	1-3,1	H.D'Entremont# & v.o.,F.Hamlin
22,23	Fall River,Newton(Edmands Pk.)	1,1	BBC(P.Regan),P.Martin

Yellowthroat:				
15,24,25	Scituate,Dedham,P.I.	2,1,1		Bennett,A.Agush,W.Nelson
Hooded Warbler:				
29	So.Dartmouth	1		P.Martin,R.Stymeist,R.Veit
American Redstart:				
23,24	Newton,Scituate	1,1		P.Martin,M.Spring
Eastern Meadowlark:				
22	So.Dartmouth	30		BBC(P.Regan)
Redwing Blackbird:				
1,4-24	Quaboag Valley,Manomet	300,17(banded)		BBC(B.Blodget),MBO
Orchard Oriole:				
28,29	S.Wellfleet(WBWS),Chatham	1,1		W.Bailey,B.Nikula
Northern Oriole:				
15,21	Westport,Wollaston	1,1		T.Scott,J.Cornwall
28	Dartmouth,S.Wellfleet(WBWS)	1,2		D.Wait,W.Bailey
Rusty Blackbird:				
1,3	Quaboag Valley,W.Newbury	55,7		BBC(B.Blodget),H.D'Entremont#
7,8	Wayland,W.Roxbury	30+,29		R.Stymeist#,F.Atwood
9,16	Hanover,Scituate	4,2		J.Nichols#
Scarlet Tanager:				
28	S.Dennis	1 m.		Holdridges
Summer Tanager:				
3,25	Chatham,Manomet	1,1		B.Nikula,MBO
25-30	Cambridge(Mt.A)	1		P.Fox & M.Baird & v.o.
29	Barnstable(Cumaquid)	1		C.Castle,Baileys & v.o.
Rose-breasted Grosbeak:				
25	Canton	1		M.Woloschuk
28,28 on	Cambridge(Mt.A) 1,5 places	singles		R.Forster#,v.o.
29,30	S.Dennis,W.Tisbury(M.V.)	2,3		C.Holdridge,M.Hancock
Blue Grosbeak:				
13,28	Chatham,Ashland	1,1		H.Rich,Power#
27	N.Eastham,Orleans,S.Orleans	1,1,1		W.Bailey#
28	P.I.	1		Sampsons & BBC(I.Giriunas)
29,29&30	Westport,Mansfield	1,1 f.		R.Stymeist#,C.Findley#
Indigo Bunting:				
3;30	Brewster,Orleans;Chatham	1,1;1		fide W.Bailey;C.Brown
17,22	Abington,Dennis	1,1		E.Pearson,Castle
13&14;28	Vineyard Haven(M.V.);P.I.	3,1;1		M.Hancock;S.Garrett & v.o.
Evening Grosbeak:				
thr.	Moving north and appearing at several places			v.o.
House Finch:				
thr.	Falmouth	2 pr.		A.Clarke
4-24,7	Manomet,Acoaxet	2(banded), 6		MBO,BBC(T.Ahearn)
14	Vineyard Haven(M.V.)	2 pr.		M.Hancock
19,28	Cambridge(Mt.A),Cambridge	1,2		V.Albee,E.Taylor#
29	Marshfield	1		SSBC(R.Fox)
Pine Grosbeak:				
14,18	Provincetown,Lakeville	3,1 m.		B.Nikula,M.Perry
19-21	Vineyard Haven(M.V.)	1		M.Hancock
Common Redpoll:				
1,2	Cambridge(Mt.A),Middleboro	3,1		R.Stymeist,C.Corwin
Pine Siskin:				
1,17	Quaboag Valley,Boxford	2,1		B.Blodget,H.D'Entremont
26	Cambridge(Mt.A)	2		BBC(P.Martin)
Red Crossbill:				
3-30	P.I.,Cambridge(Mt.A)	1-15		J.Berry# & R.Stymeist & v.o.
8,28	W.Roxbury,Pembroke	10,8		F.Atwood,J.Foley
11-25	Falmouth	2-11		R.Pease#
18,28	Dover,Littleton(5 places)	8,5		F.Hamlin,J&R Baird
White-winged Crossbill:				
4-11	Cambridge(Mt.A)	1		R.Stymeist
Rufous-sided Towhee:				
4-24,18	Manomet,Winchester	3(banded), 1		MBO,M.McClellan
17,21	P.I.,Scituate	2,2		H.D'Entremont#,J.Nichols
23-30	Cambridge(Mt.A)	1-5		v.o.
Savannah Sparrow:				
22,30	Brookline,Newton	12,16		A.Agush,F.Atwood

Sharp-tailed Sparrow:			
22,29	So.Dartmouth,Eastham	1,2	BBC(P.Regan),B.Nikula
Vesper Sparrow:			
15,21	Wellfleet,Falmouth	1,1	BBC(P.Aiken),R.Pease
17,18	P.I.,Eastham	1,1	D.Brown#
22,28	Brookline,W.Newbury	1,3	A.Agush,R.Veit#
Tree Sparrow:			
27	Milton	1	E.Sumner
Chipping Sparrow:			
8-30	Cambridge(Mt.A)	1-10	C.Marks & v.o.
Field Sparrow:			
1,16	Winchester,Squantum	1,6	M.McClellan,W.Cornwall
4-24	Manomet	3 (banded)	MBO
White-crowned Sparrow:			
thr.	Falmouth	1 (winterer-last seen 30th)	A.Clarke
White-throated Sparrow:			
thr.	Cambridge(Mt.A)	max. 75(23rd)	R.Stymeist & v.o.
4-24	Manomet	38 (banded)	MBO
Fox Sparrow:			
1,3	Cambridge(Mt.A),W.Roxbury	9,3	R.Stymeist#,F.Atwood
4-24	Manomet	3 (banded)	MBO
15,22	P.I.,Brookline	2,1	R.Emery#,A.Agush
Swamp Sparrow:			
8,19	Squantum,Concord	1,2	R.Emery#,M.Wilson
Song Sparrow:			
thr.	Manomet	53 (banded)	MBO
1	P.I.	100 +	J.Berry
Lapland Longspur:			
7,11	Salisbury	20+,4	R.Stymeist#,D.Alexander
Snow Bunting:			
4-7	Salisbury	1	R.Stymeist & P.Martin

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### Abbreviations

ad.	adult	SSBC	South Shore Bird Club
imm.	immature	CWA	Crane Wildlife Area
m.	male	GMNWR	Great Meadows Nat'l. Wildlife Refuge
f.	female	IRWS	Ipswich River Wildlife Sanctuary
max.	maximum	MBO	Manomet Bird Observatory
thr.	throughout	MNWS	Marblehead Neck Wildlife Sanctuary
v.o.	various observers	WBWS	Wellfleet Bay Wildlife Sanctuary
#	additional observers	A.A.	Arnold Arboretum
ABC	Allen Bird Club	A.P.	Andrews Point
BBC	Brookline Bird Club	E.P.	Eastern Point
CCBC	Cape Cod Bird Club	F.H.	Fort Hill, Eastham
FBC	Forbush Bird Club	F.M.	Fowl Meadow, Milton
FCBC	Felix Cutler Bird Club	Mt.A	Mt. Auburn Cemetery
NVBC	Nashoba Valley Bird Club	M.V.	Martha's Vineyard
PBC	Paskamansett Bird Club	P.I.	Plum Island

## PREVIEWS

Now that the spring migration is over, we have time to rest and catch up on some of the birds that slipped by during May. There are many places to visit that can be rewarding in June and July.

The best area to visit is Mount Greylock in North Adams, Massachusetts. This Berkshire mountain is the highest in the state and has a large number of breeding birds. Along with hawks, Turkey Vultures can be seen soaring over the peaks at various places. Barred Owls call all night at the campground, Pileated Woodpeckers and Yellow-bellied Sapsuckers can also be found nearby. The "Hic-three beers" call of the Olive-sided Flycatcher can be heard in the hemlock woods halfway up the mountain road from North Adams. If you are energetic, a hike along Saddle Ball Trail could produce nesting Yellow-bellied Flycatcher and a Bicknell's Gray-cheeked Thrush. The early morning chorus of thrushes is well worth the trip. There are many nesting warblers, notably Mourning, which prefers the slopes near the summit; a tape recorder helps however. A side trip to Pleasant Valley Sanctuary or Tanglewood in Lenox makes this venture even more enjoyable.

Closer to home, Plymouth Beach hosts nesting Terns (Common, Arctic, Roseate and Least). Though it's only a three hour hike out to the tip, bring a lunch and spend the day.

Shorebirds start to return in July, and Monomoy Island off Chatham can be rewarding. Boats can take you over from the town landing; the cost is \$5.00 per person and \$3.00 to North Beach: See Art Gould Ferrys at Andrew Hardings Lane.

Southern specialities can be found in the Westport-South Dartmouth area. White-eyed Vireos and Hooded Warblers nest along River Road in Westport, and in the river Ospreys can be seen on their nests. There are Carolina Wrens throughout the area; again a tape recorder can be helpful. In the South Dartmouth area a visit to Demerest Lloyd State Forest will be rewarding: Grasshopper Sparrow in the scrub in back of the resthouse and nesting Sharp-tailed and Seaside Sparrows at Allens Pond. But ticks abound in the marsh so wear long pants. Another hazard of this area is Horseneck Beach, but try to do this early in the morning to avoid the massive beach crowd.

Good birding!

BIRD OBSERVER - is thinking about a fall two- or three-day weekend at sea. The trip would be limited to 40 persons. If there is sufficient interest, we will pursue this venture further. Contact immediately Robert Stymeist, 54 Banks St., Cambridge, Mass. 02138.



Mr. Herman D'Entremont  
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