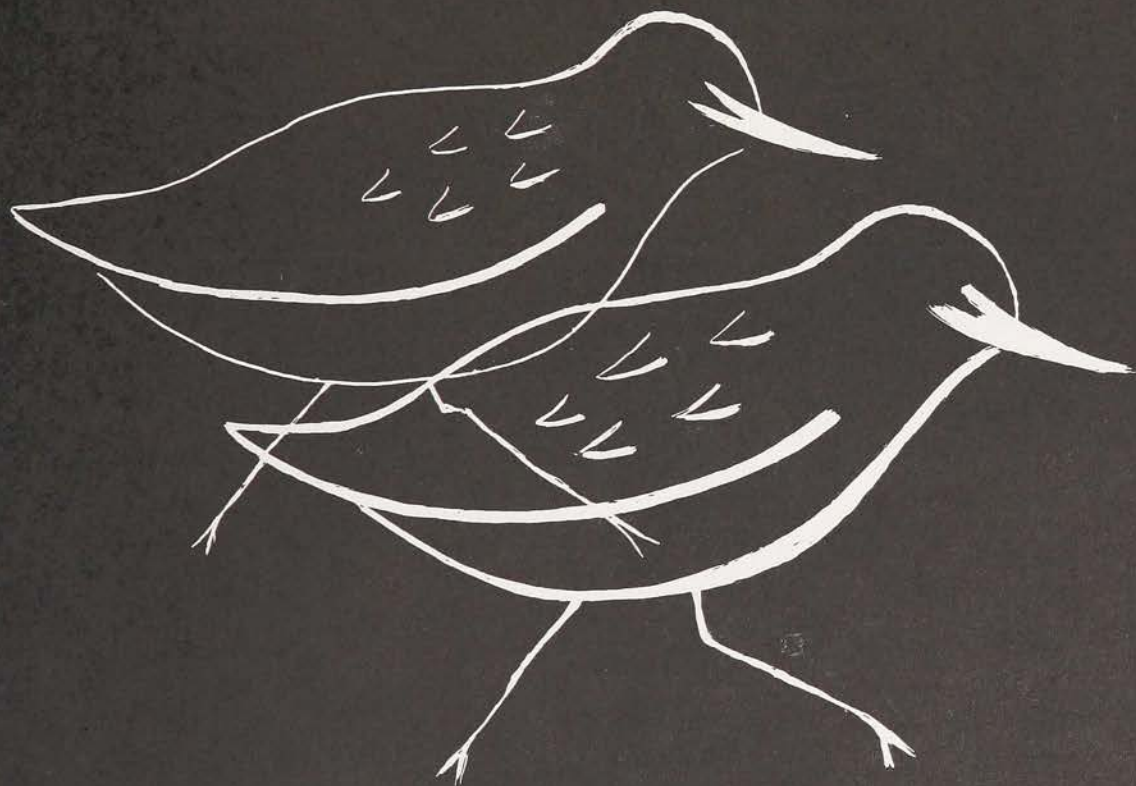


BIRD OBSERVER

OF EASTERN MASSACHUSETTS



VOL. I NO. 4
JUL-AUG 1973

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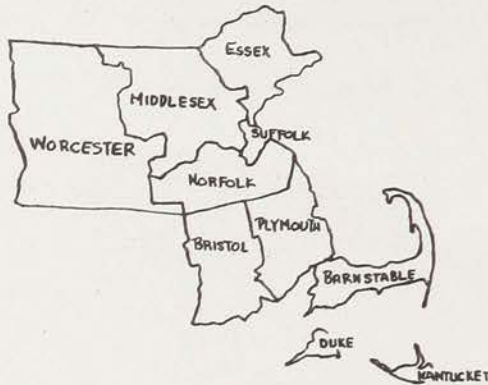


TABLE OF CONTENTS

EDITOR'S PAGE 75

THE BIRDS OF MONOMOY RICHARD FORSTER 76

MONOMOY NATIONAL WILDLIFE REFUGE ... BERLIN HECK ... 78

HOW DO PEOPLE BECOME BIRD WATCHERS .. ELIOT TAYLOR .. 80

THE BIRD OBSERVER SUMMARY FOR MAY 82

THE BIRD OBSERVER SUMMARY FOR JUNE 92

S T A F F

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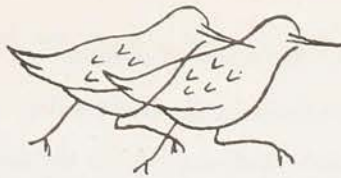
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EDITOR'S PAGE

Reports from two large distributors of bird seeds indicate that thistle seed may be in short supply and costly this winter. Also only 25% of the millet fields were planted this year in Colorado. Better order your winter supply now.

The staff of BIRD OBSERVER thanks Arlene Bandes for her creative ads for Newburyport Aviary and Ranger III. Our advertisers are delighted; we hope you will say you saw their ads.

NOTE: Davis Finch's address (BIRD OBSERVER, Vol. 1, No. 3) is now 240 West 98th St., Apt. 11C, New York, New York 10025.

Calling all photographers! Send us your favorite photos of backyard or rare birds.

Swap or Sell - Do you have something someone needs? For subscribers only - FREE AD. Limit 25 words, as space permits.

FRANCES TORREY ELKINS

"GOLDEN EAGLE - FEB. 25 CAMBRIDGE 1 (MT. AUBURN CEMETERY) K. AND F. ELKINS" So reads the first entry specifically attributed to Frances Elkins in the first volume of Records of New England Birds, 1945. This laconic statement is symbolic of her special devotion to the plight of the birds of prey, characteristic of her ability to detect the unusual and unexpected, typical of her desire to share her expertise with others, and prophetic of the sad day when Mrs. Frances Torrey Elkins was to be laid to rest at Mt. Auburn, one of her favorite birding spots, in July 1973.

In the late 1930's, when Hervey and Frances Elkins first moved to Belmont, I had the good fortune to be living just a mile from their home and to share in many of their birding experiences. This included dozens of local hikes as well as trips to Essex County and the Sudbury Valley. Frances was widely known for her exceptionally keen ear and good memory for songs and call notes.

Of all the birding trips of my youth, those I recall with greatest nostalgia are the memorable excursions to Mt. Tom with Frances and Hervey Elkins to watch the nesting Duck Hawks and to witness the spring and fall hawk migrations. Yes, I still manage to see a few Peregrines (as we now call them) nearly every year as they fly silently by between their Artic breeding grounds and their winter haunts in the South. But travels through all fifty states and much of Canada have failed to bring me to an occupied eyrie where I could hear as of old the wild cry of the tiercel high over his nesting cliff.

By keeping daily counts of raptors observed over three decades in Massachusetts, Frances and Hervey Elkins were among the first to document the complete disappearance of nesting Duck Hawks, as well as the catastrophic decline of the Red-shouldered, Sharp-shinned and Cooper's Hawks and decreases in most of the other hawks as well.

Frances, we miss your cheerful voice, your nuggets of wisdom, your constant store of bird-finding news and your beloved raptor populations. We are grateful for your having shared so much with us. May we likewise share with others--not just the friendly spirit and the bird-finding thrills, but the deep concern for the future of the environment on which we are so dependent, and of which the birds of prey are such a sensitive barometer.

CHANDLER S. ROBBINS

THE BIRDS OF MONOMOY

Richard Forster, Wellesley

Monomoy Island is one of the finest birding spots in Massachusetts, if not the entire Atlantic coast. It enjoys a wealth of shorebird migrants throughout the summer, and when conditions are "right" in the fall, virtually any and all landbirds can be found there.

Yet, there are a number of problems involved with seeing birds on Monomoy, not the least of which is getting to Monomoy itself. As stated in the previous issue of BIRD OBSERVER, Art Gould Ferrys at Andrew Hardings Lane is one means of access to Monomoy - \$5.00 fee. Also possible are the Beach Buggy Wildlife Tours operated by the Wellfleet Bay Sanctuary - \$25.00 fee. In the past it was possible to rent boats at local marinas, but this is more difficult today. Further limiting the chances of a trip is the fact that Monomoy is located about one mile off Chatham, traditionally one of our foggiest localities. In addition, the shoal waters on the Nantucket Sound (west) side of Monomoy and the open ocean to the east are considered to be one of the most treacherous boating areas on Cape Cod.

Assuming that you haven't given up in total despair and that you are firmly planted on Monomoy, you have two options. You can bird either the north or the south end. The time of year should greatly influence the choice. From May through the third week of August you should select the north end. But beginning the 25th of August you should choose the south end - if possible.

North End

The best time for observing birds on Monomoy is at or as near to high tide as possible. At low tide the shorebirds are scattered over the vast flats and many feed at adjacent areas such as North Beach. The shorebird variety from mid-May through early June is not great, but the large numbers of certain species in breeding plumage is the attraction. Birds present during this period are Semipalmated, Piping (breeds) and Black-bellied Plovers, Ruddy Turnstones, Knot, White-rumped (few), Least and Semipalmated Sandpipers, Short-billed Dowitchers and Sanderlings. Oystercatchers have nested in recent years with mixed success.

The tern colony on Monomoy is currently located in the dunes at the extreme north end. Common Terns predominate, but a few Roseate Terns and an occasional Arctic can also be found. The latter have apparently left Monomoy for the more established Tern Island in Chatham where they can be easily seen from the Chatham fish pier. The Roseate Terns are frequently seen nesting with the Commons on the beach. Black Skimmers, which formerly nested, are often seen lounging on the beaches during the summer months as are Royal Terns, particularly in July. August and September are good months to look for Black and Forster's Terns.

In close proximity to the tern colony is the only active Laughing Gull colony in Massachusetts, these birds being joined by ubiquitous Herring and Great Black-backed Gulls. As is true of any area where gulls and terns gather in large numbers, it is often profitable to check the resting and feeding birds for rarities, especially after storms.

From July to September the main attraction is the migrating shorebirds. The Hudsonian Godwit is a highlight, arriving on or about July 4th and remaining the rest of the summer. An occasional Marbled Godwit or two put in an appearance with the Hudsonians, usually during August and September. In addition to the returning May migrants, other shorebirds to be looked for are: Whimbrel, Golden Plover (after mid-August) with Black-bellied, Willet, Greater and Lesser Yellowlegs and Pectoral Sandpipers (in the short grass). Closer scrutiny is apt to reveal any number of unusual species such as Ruff, Wilson's Phalarope and others.

If you are on Monomoy during the landbird migration and it isn't possible for you to get to the south end, there is an alternative. Wildcat Swamp lies just north of Inward Point on the sound side of the island. From the flats to Wildcat is a reasonable walk and well worth the effort if you have time. Although Wildcat doesn't hold the numbers of migrants that the south end has, it is reasonably good. Yellow-breasted Chats, Yellow-bellied Flycatchers, and Philadelphia Vireos are regularly seen as well as the other flycatchers, vireos and warblers. There is always a chance for Dickcissel and Lark Sparrow.

At Inward Point the small marsh has nesting Sharp-tailed Sparrows and an occasional pair of nesting Seaside Sparrows.

South End

The south end contains the greatest variety of birds. The dense thickets, particularly the area of Dike Pond and the Lighthouse Marsh, hold hordes of migrants on a good day and fair numbers even on a quiet day. It is senseless to list what birds to expect because any species seems possible.

The variety of shorebirds is better than the north end. They can be found in the areas of Camper Cove, Dike Pond, and the edges of Big and Little Station Ponds. Camper Cove is good at both high and low tide. Check the rich mud flats and the algae along the high-tide line. Generally speaking, the east side of Little Station Pond is the best place for shorebirds. The small ponds in the Dike Pond area and the west side of Big Station are also good, if the water level is low. The species that are easy to see here are Stilt Sandpiper (usually numerous in August) and Western and Baird's Sandpiper in late August and September.

Another area for shorebirds is the Hudsonia moors about 1/2 mile north of the Lighthouse. Here in late August and September Golden Plovers and Whimbrel are found as well as an occasional Buff-breasted Sandpiper.

The Lighthouse Marsh and Little Station Pond Marsh are the breeding localities for Mallard, Black Ducks, Green-winged and Blue-winged Teal. Often summer residents and possibly breeders are Gadwall, Shoveller and Ruddy Ducks. These same marshes, including Big Station Pond, are favored stops for migrating fresh water and bay ducks in September and October.

The typical marsh birds are little known, although Least Bittern and King Rail have been present in the summer and Common Gallinule has bred.

Pelagic species include Wilson's Petrel, Shearwaters, and Parasitic Jaeger. The best chance for these birds is on the ocean side although the Sooty Shearwater is fairly regular in late May and June off Inward Point.

Sharp-shinned Hawks and Merlins are frequently seen in mid-September and the majestic Peregrine Falcon is a regular feature from late September to the end of October. In recent years the Gyrfalcon has been found in late fall.



FERRY TO MONOMOY & NORTH BEACH

see ART GOULD
Andrew Harding Lane
Chatham, Mass.

FAST SERVICE

WRITE - BOX 3 W.CHATHAM, 02669

MONOMOY NATIONAL WILDLIFE REFUGE

During any given year in Massachusetts, the area frequented by the greatest variety of shorebirds, gulls, terns and their allies is very likely Monomoy National Wildlife Refuge. Located in Chatham on Cape Cod, the refuge is comprised of about 2,700 acres of sand dunes, water, marsh, and tidal flats. It was established in 1944 by a Declaration of Taking under the authority of the Migratory Bird Treaty Act. It was bought with funds derived from the sale of migratory waterfowl hunting stamps, to be set aside as a nesting, resting and feeding area for waterfowl.

The refuge was active for many years with managers manipulating the habitat to provide freshwater ponds, marshes and crops for waterfowl. It was placed under restricted management in 1965. In 1970, much of Monomoy Island was designated as Wilderness under the Wilderness Act. This status insured for posterity the preservation of the island in its natural state.

Both Wilderness and Refuge regulations are applicable to Monomoy and are oriented primarily towards protection of the wildlife and the habitat. These regulations prohibit camping, alcoholic beverages, littering, disturbance of wildlife, fires other than on the beach, and all nuisance and vandalous acts. All pets must be kept on a leash. Recreational uses of Monomoy Refuge are varied, birding, clamming, and fishing being very popular.

Birding on Monomoy is at its best in the late summer and early fall when migrant shorebirds may be seen at low tide probing the tidal flats in search of food. The areas most popular with the shorebirds and Common Flats and Camper Cove. American Oystercatchers nest near Inward Point. For marsh birds, try North Point Marsh and Big and Little Station Ponds; a Louisiana Heron was observed at the latter last summer. On rare occasions Peregrine Falcons may be seen in the fall, usually around Lighthouse Marsh. Waterfowl may be observed nearly everywhere on and around the island. Canada Geese and Black Ducks are present in large numbers during the fall and winter in North Point Marsh and Hospital Pond Marsh. Eiders, Scoters and Old Squaw are abundant offshore, particularly around Monomoy Point. Brant are becoming rare, but may sometimes be seen during the spring, offshore between Pothole Marsh and Powder Hole. A variety of freshwater ducks may be observed on Big and Little Station Ponds which are generally fresh to brackish water.

Clamming is excellent in the intertidal areas of Morris Island and in the shallow water west of Inward Point. A permit from the town of Chatham is required and can be purchased at the town hall. When the stripers and blues are running, fishing is also excellent. The whole east side of Monomoy Island, and particularly off Monomoy Point, are premier fishing areas. All state laws governing sizes, limits, seasons, etc. are applicable.

A small herd of approximately 20 whitetail deer inhabit Monomoy Island where they are safe from dogs. They are usually seen between Pothole Marsh and Station Pond Marsh, but particularly in Lighthouse Marsh. A small herd inhabited the Morris Island portion of the refuge a few years ago, but encroachment by humans and constant harassment by dogs have now driven them out.

Access to the refuge is by way of Morris Island Road. Proceed southerly onto Morris Island where the road becomes Tisquantum Road. Turn left just past the first house on the left, and you will enter the refuge after about 100 yards. There is a small parking area next to the large white building, and a leaflet dispenser should contain a refuge bird list for your use. Please do not park at the weather station or disturb the personnel unless necessary. As you enter the gate, notice an old blacktop road to the left. After you park, walk down this road to the beach. Then turn southerly down the beach. A fence delineates the refuge boundary. You may continue down to the southern end of Morris Island.

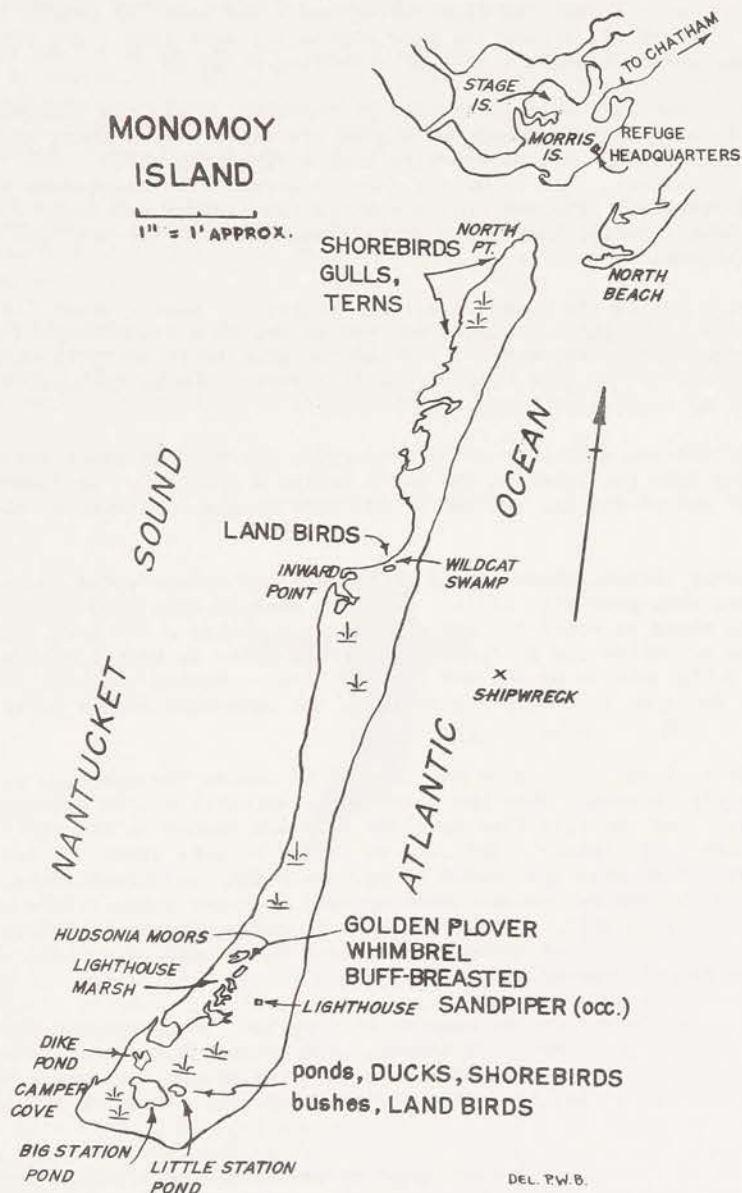
Enjoying Monomoy Island is a different experience entirely. Access is by boat only. Do not go down the east side except on very calm days or in a large boat. The west or sound side is usually the best for boating, and the only side for beaching a boat as the surf is overpowering along the east shore. Beware of sand bars at low tides, particularly around Common Flats and west of Inward Point. The best areas to beach a boat are Ham-

mond's Bend, the area above the Powder Hole, and Camper Cove. Do not try to go around Monomoy Point in a small boat as it is an area of rip tides and a strong chop.

All in all, the area makes a good Wilderness because of its solitude and difficulty of access. If you have the means to get there, miles of beautiful, isolated beaches are waiting; also green head flies!

No personnel are assigned to Monomoy Refuge; it is administered from Great Meadows Refuge. For further information, call 617-369-5518 or write: Refuge Manager, Great Meadows National Wildlife Refuge, 191 Sudbury Road, Concord, Massachusetts, 01742.

Berlin Heck
Acting Refuge Manager



HOW DO PEOPLE BECOME BIRD WATCHERS?

Eliot Taylor, Sherborn

When I was in the 6th grade, my teacher was interested in birds, and every other week we had someone from the Massachusetts Audubon Society lecture and show slides on conservation and the various balances of nature. After the leaves were off of the trees, I littered the classroom with about 60 birds' nests that I collected as a nature project. Although I found the nests fascinating, I was really more interested in climbing trees. So I lived through the next few years not knowing a wood thrush from a yellow warbler, and caring less.

Then one spring day it happened. I was walking through the woods when I heard a clear two-note, two-pitched "fee-bee" from the top of a big pine tree. I knew that there was a bird called a phoebe, and I figured that I was hearing one. As the bird continued, I started wondering what would happen if I tried to imitate it. Every sporting goods store sold duck and crow calls, and I had heard of people luring birds by whistling. I looked all around and made absolutely sure that I was alone -- even at 14 I knew that people shouldn't be seen whistling at birds.

I tried my imitation. As I watched the top of the tree, I saw the bird drop down about 10 feet, look my way and continue to give his call. After three minutes, two birds flew down and landed on a dead branch within five feet of me. Now I could see that they were chickadees, that is unless phoebes looked like chickadees and occasionally say "chickadee." The next day I visited the library and found out that phoebes do not look like chickadees and that chickadees say "fee-bee" and that phoebes do not say "chickadee."

A few days later I was in the woods whistling "chickadee" when I heard "towhee" and "drink your tea" calls. Again, I tried imitations and in a few minutes I had a male and a female towhee within 15 feet. I now had two species on my "Attracted-by-Imitating" list. After one more trip to the library to look up towhees, I went to a store and bought my first bird book.

My third species was the whip-poor-will. One night after a Boy Scout meeting, we heard one calling from the cliff in the woods behind a cemetery. We formed a circle around the cliff and closed in, and two of the boys caught a glimpse of the bird as it flew away.

I knew that I could attract black-capped chickadees and rufous-sided towhees, so I started whistling whip-poor-will calls. In a few moments this bird returned and landed in a nearby bush where we could all see it. After I called a few more times, it disappeared. As we walked the half-mile back to my house we kept laughing and giving calls. It was a big joke to us but not for the bird -- during the next four nights I was awakened at two a.m. by a whip-poor-will in the forsythia bushes under my bedroom window!

A year or two later I was sitting on the same cliff behind the cemetery at twilight whistling at hermit thrushes, when the first whip-poor-will of the evening called. I returned the favor and the bird flew down the path and landed on the cliff about 20 feet away. It was still fairly light, and we looked at each other. I called again and the whip-poor-will flew over and landed on my left thigh. I sat motionless and watched as it jumped down between my feet and then up onto my right thigh. Then another whip-poor-will flew over the cliff, giving some "chuck" calls, and my bird flew into the trees behind me. When I called again it flew back and landed on my left shoulder for about 15 seconds before leaving for good.

Whenever I hear a new bird I try my best to imitate it. If I can get either the pitch or the rhythm, the bird may come. Of course, if I can get both the pitch and rhythm my odds are greatly increased. The next time that you are in the woods, all alone, try whistling the chickadee's "fee-bee" call or something else. You too may be pleasantly surprised.

Here is a list of 55 birds that I have lured by imitating their calls: screech, great-horned, barred and saw-whet owls; whip-poor-will; great-crested and Trail's fly-catcher; wood pewee; blue jay; black-capped chickadee; tufted titmouse; Carolina wren; mockingbird; catbird; brown thrasher; wood and hermit thrush; veery; bluebird; golden-

crowned and ruby-crowned kinglets; yellow-throated, solitary, red-eyed and warbling vireo; black-and-white, blue-winged, Parula, yellow, black-throated blue, myrtle, black-throated green, chestnut-sided, Canada, and prairie warblers; yellowthroat; redstart; eastern meadowlark; Baltimore oriole; rusty blackbird; scarlet and summer tanagers; cardinal; rose-breasted and pine grosbeaks; indigo bunting; purple finch; goldfinch; rufous-sided towhee; vesper, field, white-throated, fox, Lincoln's and song sparrows.

GIRLS DON'T FLY SO WELL

Large pelagic birds epitomize soaring, seemingly effortless flight over long distances. The great wing areas of albatrosses and frigatebirds, for example, catch even the most subtle thermal updrafts, permitting these birds to range far.

In the Gulf of Mexico at Tarpon Key, male frigatebirds (Fregata magnificens) outnumber females 9 to 1, whereas 225 miles to the south at Dry Tortugas, the opposite ratio prevails. This curious sexual imbalance prompted the three-year study by B. A. Harrington, R. W. Schreiber, and G. E. Woolfenden of the University of South Florida that is described in American Birds, Vol. 26, No. 6.

They note that few frigatebirds fly on windless days and that the proportion of females aloft increases with windspeed. Since females carry an average of 1/100 ounce more weight per square inch of wing area than do males, females need more lift from the wind to permit easy soaring.

The reason for the island imbalance is that the average windspeed at Dry Tortugas is somewhat greater than at Tarpon Key, providing a preferential habitat for the relatively heavy girls. Perhaps subtle differences in windspeed are sufficient to determine the world distribution of frigatebirds.

L.J.R.



THE CAHOW

The fortunes of the rare Cahow or Bermuda Petrel seem to be looking up. These birds were thought to be extinct after 1621, when men and their rats and hogs invaded the Cahow's nesting grounds decimating the population. A specimen of a Cahow was found in 1906, but it wasn't until 1951 that it was confirmed that they were breeding on small islets off Bermuda. Since that time the government of Bermuda has given the Cahows strict protection, including the attentions of a warden. The Bermudians have even constructed special nesting burrows designed to reduce nest site competition from the larger and aggressive Tropic-birds. However, the Cahow population continued to decline concurrent with an increase in the amounts of D.D.T. found in dead chicks and unhatched eggs. In 1968, the 26 known nesting pairs fledged only eight young. In 1972, however, there were 37 pairs with 17 fledged young. Significantly, the level of D.D.T. residue found in Cahow eggs has decreased in recent years. This summary was prepared from information in Audubon, Vol. 70, No. 6; and Audubon, Vol. 75, No. 2.

P.M.

THE BIRD OBSERVER SUMMARY FOR MAY

May is always awaited with eager anticipation, being as it is, the zenith of the birding year. This particular May was no exception; although a little damp and cold, it was a good month for birders. A total of 262 species was recorded in eastern Massachusetts during the month. There were good weather conditions for migrating birds on May 2, 5, 10, 16, 22, and the last one on the 30th.

Among the many highlights were: Leach's Storm Petrel in Barnstable on the 26th. A Swallow-tailed Kite was well observed under favorable conditions at Gooseberry Neck in South Westport on May 6th by the Paskamansett Bird Club. Probably, the same bird was seen later by a non-birder who reported every detail as the bird flew low over her house in Plymouth Center on May 30th. Both Golden and Bald Eagles were observed, but sadly only 2 reports of Peregrine Falcons were received. A Purple Gallinule was seen in Brewster and one found refuge behind the busy Jordan Marsh Warehouse building in Squantum. Oystercatchers seem to be on the increase with reports from 5 localities. Other shorebird highlights were 2 reports of Curlew Sandpiper, 3 reports of Ruff, and 2 Black-necked Stilts made a brief appearance in Truro on the 6th. A second-year Glaucous Gull was observed flying over the Plum Island marshes, and a Gull-billed Tern was well studied at the salt pans of Plum Island on the 6th and 14th.

Yellow-billed Cuckoos outnumbered Black-bills for a surprise switch. Counts of Ruby-throated Hummingbirds were way down and were reported from only a slim scattering of localities. A Black-backed Three-toed Woodpecker was well documented on Great Island, Wellfleet. An Acadian Flycatcher was singing at Newburyport Cemetery on the 30th, and there were no specific numbers received for Alder Flycatcher. Blue Jays were finally migrating on the 30th. There was a good migration of thrushes this year with notable high counts of Swainson's.

Warblers added their usual color to the month with 4 reports of Prothonotary, 5 reports each of Worm-eating and Orange-crowned. An amazing 7 reports of Cerulean and 2 reports of Yellow-throated were highly noteworthy; likewise, were 8 reports of Kentucky Warbler, 5 of them seen by the same observer!!

Summer Tanagers and Blue Grosbeaks continued after their April arrival and brightened the days of many observers. A Dickcissel, a very unusual spring visitor, appeared at a feeder in Danvers; this is probably a wintering lingerer rather than a new arrival. Red Crossbills were noted throughout the month, and Grasshopper Sparrows returned to their nesting grounds on the south shores.

Common Loon:			
6	P.I.	30	W.Petersen#
Red-throated Loon:			
5,10	P.I.	3,2	BBC(E.Pyburn),H.D'Entremont
Red-necked Grebe:			
4	Marblehead	1	M.Baird & P.Fox
Horned Grebe:			
16	Sandwich	1	R.Pease
Sooty Shearwater:			
20,28	Monomoy	1,4	W.Bailey#
29,31	Chatham(N.Beach),Barnstable	20,9	J.Harris#,R.Pease
Leach's Storm Petrel:			
26	Barnstable	2	CCBC(D.Baines)
Gannet:			
13,26	Monomoy,Barnstable	4,25	P.Donahue,CCBC(D.Baines)
Double-crested Cormorant:			
5	Westport	20	P.Regan
Green Heron:			
7	P.I.	18	M.McClellan
Little Blue Heron:			
1-10	Squantum	1-5	N.Osborne, v.o.
7,23	Middleboro,Marshfield	1 imm.,1	D.Briggs#,H.D'Entremont
12,17,19	P.I.	1	v.o.

Cattle Egret:			
3	Rockport, Falmouth	8,1	C&M Arey, Pittsley
4-20, 7-28	Ipswich, Marshfield	1-18, 1-21	v.o., v.o.
Great Egret:			
6-31; 8-31	Middleboro; Squantum	1; 1	D. Elkin#; G. Wilson#, v.o.
12, 14	Westport, Hingham	1, 1-2	S. Grinley#, M. Moore, v.o.
19	Ipswich	1	BBC (M. Ladd)
Snowy Egret:			
5-31; 1-30	P. I.; Squantum	1-15; 1-19	M&A Argue, v.o.; D. Brown, v.o.
12	S. Dartmouth	8	S. Grinley#
Louisiana Heron:			
1-25, 5-28	Mashpee, P. I.	1, 1	H. Baines, BBC (E. Pyburn)
27	Monomoy	1	W. Peterson, C. Goodrich
Black-crowned Night Heron:			
1-31	Squantum	1-11	v.o.
Least Bittern:			
3, 19	Marshfield	1, 1	P. Martin#, W. Petersen#
10-30	P. I.	1	J. Orczulak, v.o.
13, 30	Canton (F. M.), Chatham	1, 1	D. Brown#, H. Rich#
American Bittern:			
2, 12	Acton, Lynnfield	1, 4	J. Baird, R. Emery#
Glossy Ibis:			
1-31	P. I.	max. 36 (12th)	BBC (Hales), v.o.
1, 6	Squantum, Wellfleet	1, 4	J. Mitchell, B. Nikula
5; 6-30	Chatham; Rowley	25; 2-16	Marj. Brown; M. Moore, v.o.
7-28	Marshfield	max. 38 (7-12th)	H. D'Entremont# & v.o.
American Brant:			
13, 22	Newburyport, Plymouth	150, 260	W. Petersen#, P. Donahue
Snow Goose:			
4, 5	P. I., Salisbury	100, 1	C&M Arey, S. Swaebe#
Gadwall:			
thr.	P. I., Concord (GMNWR)	6-12, 4-8	v.o.
Pintail:			
6, 19	Chatham, P. I.	2, 4m.	BBC (R. Pease), J. Berry
Green-winged Teal:			
thr.	P. I.	1-4	v.o.
5	P. I. (Eurasian subsp)	1	R. Stymeist#, v.o.
American Wigeon:			
30	P. I.	1	W. Petersen & C. Goodrich
Northern Shoveler:			
13, 26	P. I.	2m., 1	W. Petersen#, BBC (S. Garrett)
Wood Duck:			
thr.	Concord (GMNWR)	2-16	R. Stymeist#, v.o.
Redhead:			
thr.	Plymouth	1-2	H&D Carmichael
Ring-necked Duck:			
3	Brookline	1	A. Agush
Greater Scaup:			
5	Newburyport	50	BBC (E. Pyburn)
Common Goldeneye:			
11	S. Dartmouth	2	P. Regan
Bufflehead:			
5, 6	Newburyport, Plymouth	75, 500	BBC (E. Pyburn), P. Donahue
Oldsquaw:			
10, 19	Newburyport	1000, 200	H. D'Entremont#, J. Berry
Common Eider:			
11, 20	Manomet, Marblehead	45, 20	P. Donahue, W. Petersen#
White-winged Scoter:			
6, 27	Plymouth, Monomoy	400, 300	P. Donahue, W. Petersen#
Surf Scoter:			
12	P. I.	6	BBC (Hales)
Black Scoter:			
19, 27	P. I., Monomoy	1, 75	J. Berry, W. Petersen#
Ruddy Duck:			
thr.	P. I.	1-4 max. (5&6th)	W. Petersen#, v.o.
12	Harwich	1	B. Nikula

Turkey Vulture:			
6,13	Westport, Barnstable	1,1	PBC (P. Regan), R. Pease
20	Truro	1	BBC (S. Grinley)
Swallow-tailed Kite:			
6	So. Westport (Gooseberry Neck)	1	PBC (P. Regan)
30	Plymouth Center	1	fide MBO Staff, H. Carmichael
Goshawk:			
23,26	Boxford	1,2	R. Forster#, N. Osborne
Sharp-shinned Hawk:			
2,5	Cambridge (Mt. A), Provincetown	1,6	W. Cornwell, R. Pease
6,30	Belmont, Milton	1,1	P. Butler, R. Veit
Coopers Hawk:			
27	Moon Island, Squantum	1	E. Morrier
Red-Shouldered Hawk:			
5-31	Boxford	1-2 breeding	R. Stymeist#, W. Petersen#, P. Donahue#
12,16,20	Cambridge (Mt. A)	1	A. Agush, L. Clafin, R. Veit
Broad-winged Hawk:			
5	Provincetown Dump	65	R. Pease
Rough-legged Hawk:			
14	Chilmark (M.V.)	1	M. Hancock
Golden Eagle:			
1	Holden	1	J. O'Regan
Bald Eagle:			
12	P. I.	1 imm.	BBC (Hales)
Marsh Hawk:			
30	P. I.	1	W. Petersen#
Osprey:			
thr.	Westport, Mashpee	2-6,2	v.o., R. Pease
5,12	P. I.	1,1	S. Swaebe#, BBC (Hales)
19	W. Newbury, Newburyport	2,1	H. D'Entremont#, H. Wiggin#
Peregrine Falcon:			
5,13	Nahant, Monomoy	1,1	SSBC, P. Donahue
Ruffed Grouse:			
12,17	W. Newbury	1,1	M. Moore#, G. Wilson
King Rail:			
4-27	Lynnfield	2	P. Fox & M. Baird & v.o.
12,19;27	P. I., Marshfield; Canton (F.M.)	2,1;1	M. Moore#, W. Petersen#; D. Brown#
Clapper Rail:			
19,31	P. I., Barnstable (S. Neck)	1,1	R. Veit#, R. Pease
Virginia Rail:			
5-28	Lynnfield, Squantum	8,2	R. Stymeist#, H. D'Entremont#
Sora Rail:			
4-28	West Roxbury (Gethsemane)	2	F. Atwood & v.o.
5-30	Lynnfield	2-4	v.o.
19,28	Marshfield, Squantum	1,1	SSBC, D. Brown#
Purple Gallinule:			
about 20,24	Brewster, Squantum	1,1	Ralph Lutz, D. Brown
Common Gallinule:			
5-30	P. I., Concord (GMNWR)	1-3,2-6	v.o., R. Stymeist#
American Oystercatcher:			
thr.	Monomoy	2 ad., 1 yg., 3 eggs (27th)	R. Forster, C. Goodrich
4,13	Wellfleet, Plymouth	2,1	B. Nikula, J. Clancy & B. Sorrie
15-27	Oak Bluffs (M.V.)	1-3	M. Hancock
Semipalmated Plover:			
12,15	Chatham, Plymouth	35,8	W. Petersen#, H&D Carmichael
19	Squantum, Newburyport	1,120	W. Cornwell, BBC (H. Weissberg)
Piping Plover:			
27	Dartmouth	2 ad., 5 yg.	BBC (S. Grinley)
Kildeer:			
26	Dedham (Riverdale)	1 ad., 3 downy yg.	F. Atwood
Black-bellied Plover:			
28	Newburyport	1600	R. Stymeist#
Ruddy Turnstone:			
3,16	Squantum	3,14	W. Cornwell, R. Veit
20,27	Chatham, Monomoy	10,250	BBC (S. Grinley), W. Petersen#
Common Snipe:			
2,13	Eastham (F.H.), W. Roxbury	31,6	R. Pease, B. Faldasz
19	Weston	2	L. Robinson

Whimbrel:				
9,20	Duxbury,Squantum	3,1		F.Bowes,D.Brown
Upland Sandpiper:				
6-27,19	Newburyport,Marshfield	1-4,2		v.o.,W.Petersen
Spotted Sandpiper:				
2-15;9	Cambridge(Mt.A);Manomet	1-2;2 banded		V.Albee,v.o.;MBO Staff
Solitary Sandpiper:				
6,13	Wellfleet,Brookline	1,2		BBC(R.Pease),A.Agush
19,20	Medfield,Marshfield	1,1		M.McClellan,SSBC
Willet:				
5,29;10,20	Plymouth;Chatham	1;1,3		H.Carmichael;R.Pease,D.Brown
19,27	Squantum	1		W.Cornwell,D.Brown
Greater Yellowlegs:				
10	Newburyport	125		R.Forster
Lesser Yellowlegs:				
6,10	Wellfleet,Newburyport	6,20		R.Pease,R.Forster
Knot:				
12,20	Chatham,P.I.	25,22		W.Petersen#,J.Berry
Pectoral Sandpiper:				
12,19	Chatham(N.Beach),Newburyport	1,1		W.Petersen#,H.Wiggin#
20,23	P.I.	1,1		W.Petersen#,M.Gardler
White-rumped Sandpiper:				
6;13,30	Plymouth;Newburyport	5;1,20		P.Donahue;W.Petersen#
Least Sandpiper:				
13,20	Newburyport	1000,2000		W.Petersen,C.Goodrich
Curlew Sandpiper:				
29&30,30	Plymouth,Wellfleet	1,1		P.Donahue#,B.Nikula#
Dunlin:				
10	Newburyport	350		R.Forster
Short-billed Dowitcher:				
1,30	Middleboro,Newburyport	1,70		D.Briggs,W.Petersen#
Semipalmated Sandpiper:				
30	Newburyport	8000		W.Petersen#
Ruff:				
13,25	Rowley,Monomoy	1,1		W.Petersen#,C.Ewer#
16,19	Newburyport	1		P.Martin#,S.Harrison#
Black-necked Stilt:				
6	Truro	2		W.Bailey
Wilson's Phalarope:				
23	Newburyport	3		M.Gardler
Northern Phalarope:				
19,28	Plymouth,Monomoy	1,4		P.Donahue#,Winthrop Harrington#
29	Chatham(N.Beach)	5		J.Harris & B.Nikula
Parasitic Jaegar:				
25,27	Plymouth,Monomoy	2,1		P.Donahue,J.Harris
Glaucous Gull:				
6	P.I. marsh!	1(2nd yr.)		W.Petersen,C.Goodrich
Black-headed Gull:				
8,12	Truro,Chatham	1,1		B.Nikula,R.Pease
10-29	Newburyport	2 near adult		D.Finch#,v.o.
Laughing Gull:				
6-30	Monomoy	max.200(27th)		W.Petersen#
8,19	Newburyport,Nahant	6,6		D.Alexander,H.Wiggin#
Bonaparte's Gull:				
19	Newburyport	100		J.Berry
Little Gull:				
15-30	Newburyport	1-10 imm. (abs.min.)		D.Finch,D.Abbot,v.o.
Gull-billed Tern:				
6,14	P.I.	1(well studied)		P.Butler & H.D'Entremont, N.Claflin & F.Elkins
Common Tern:				
10-20	P.I.,Chatham	12,100		H.D'Entremont#,BBC(S.Grinley)
Arctic Tern:				
19,28	Plymouth	12,2		W.Petersen#,H.D'Entremont#
Roseate Tern:				
13,19	Gay Head(M.V.),S.Dartmouth	2,2		M.Hancock,PBC(P.Regan)
23,31	P.I.,Chatham	1,2		M&A Argue,H.D'Entremont#

Least Tern:			
12,17	Acoaxet, Oak Bluffs (M.V.)	12,30	BBC (S. Grinley), M. Hancock
20,26	Squantum, P. I.	2,1	E. Morrier, BBC (S. Garrett)
Royal Tern:			
30,31	P. I. (north end), Sandwich	1,1	W. Petersen#, H. D'Entremont#
Caspian Tern:			
7,13	Manchester, Plymouth	1,1	P. Parsons, P. Donahue
Black Tern:			
12-23	Newburyport	max. 13 (19th)	v. o.
22,27	Nauset, Monomoy	9,2	B. Nikula#, W. Petersen#
Yellow-billed Cuckoo:			
8,16	Middlesex Fells, Middleboro	1,1	J. McLean#, R. Maxim
20	Cambridge (Mt. A), Dover, Milton	1,1,1	O. Earle & v. o., F. Hamlin, R. Veit
24	Camb. (Mt. A), Milton, Canton (F.M.)	1,1,1	T. Leverich, R. Veit, D. Brown
30	Camb. (Mt. A), Newton; Plymouth	1,1;1	P. Martin; Carmichael
Black-billed Cuckoo:			
13,16	W. Roxbury, Winchester	1,1	F. Atwood, M. McClellan
20,24	Topsfield (IRWS), Canton (F.M.)	1,1	D. Alexander, D. Brown
28,31	Quincy, Wellfleet	1,1	W. Cornwell, B. Nikula
Screech Owl:			
19	Abington	3	W. Petersen
Great Horned Owl:			
thr.	Belmont (HF)	2	H. Brett, v. o.
thr.	Chatham (Stage Island)	1	R. Pease, v. o.
Barred Owl:			
thr.	Boxford (Crooked Pond)	1-4	V. Albee#, v. o.
Saw-whet Owl:			
27	Wellfleet	1	C. Ewer, B. Nikula
Whip-poor-will:			
15,23,30	Cambridge (Mt. A)	1-2	v. o.
19,31	W. Newbury, Winchester	1,1	P. Martin#, M. McClellan
Common Nighthawk:			
11,23	Boston	1 mig., 2 resident	M&A Argue
13,30	P. I., Littleton	1,35 (1/2 hour)	W. Petersen#, J. Baird
Chimney Swift:			
2-30	Cambridge (Mt. A)	1-22	T. Leverich, v. o.
3	Newton	50 mig.	R. O'Hara
Ruby-throated Hummingbird:			
2,3	Wellfleet, Plymouth	1,3	R. Pease, H. Carmichael
10-31	Cambridge (Mt. A)	1-3 (on 6 dates)	R. Stymeist, v. o.
15-31	P. I.	(5 dates) max. 4 (31st)	M. McClellan, v. o.
24	Jamaica Plain (A.A.)	1	A. Agush
25,31	W. Roxbury, Squantum	1,1	F. Atwood, R. Veit
Pileated Woodpecker:			
10,12	Boxford, Dover	1,1	A. Scott#, F. Hamlin
15 on, 28	Milton, Annisquam	2 (nesting), 1	E. C. Cabot & v. o., H. Wiggin
Red-bellied Woodpecker:			
7,17,18	Plymouth, Newton, N. Billerica	1,1,1	H. Carmichael, P. Martin, E. Carey
Red-headed Woodpecker:			
12,13	Bradford	1	K. Welts#
Yellow-bellied Sapsucker:			
1-8,28	Cambridge (Mt. A)	1-4,1	v. o., M. Argue#
3,8	P. I., N. Scituate	12,1	S. Swaebe#, M. Moore
Black-backed Three-toed Woodpecker:			
13	Wellfleet (Great Island)	1 (well studied)	M. Henderson
Eastern Kingbird:			
1,3	Vineyard Haven (M.V.), P. I.	1,1	M. Hancock, D. Alexander
30	P. I.	50	W. Petersen#
Great-crested Flycatcher:			
2 on	Cambridge (Mt. A)	1-6	V. Albee, v. o.
Yellow-bellied Flycatcher:			
21-23,28,30	Cambridge (Mt. A)	1-2	N. Claflin#, v. o.
23,29,30	Rowley, Plymouth, Newburyport	1,1,3	M. Gardler, Carmichaels, W. Petersen#
Acadian Flycatcher:			
30	Newburyport	1	W. Petersen, C. Goodrich

Willow Flycatcher:			
20,21	Cambridge(Mt.A),W.Newbury	1,1	H.Wiggin,M.McClellan
23,26	Lynnfield,Dedham	1,1	R.Forster#,F.Atwood
27,28	Milton(F.M.),Falmouth	2,1	P.Martin#,v.o.
30	P.I. (some Alder by song)	10	W.Petersen#
Least Flycatcher:			
3,30	P.I.	1,5	D.Alexander,W.Petersen#
7,10	Boxford,Milton	1,1	M.McClellan#,D.Brown
12-31	Cambridge(Mt.A)	max.6(30th)	R.Stymeist# & v.o.
17	Middleboro	1	D.Briggs
Eastern Wood Pewee:			
12,17-31	W.Peabody,W.Roxbury	1,1	Argues#,F.Atwood#
21 on, 30	Cambridge(Mt.A),P.I.	1-4,15	R.Stymeist# & v.o.,W.Petersen#
Olive-sided Flycatcher:			
19,20	Wellesley,Marblehead	1,1	fide D.Howard,Argues
23,30&31	Cambridge(Mt.A)	2,3	A.Agush#,Argues
23,30	Rowley,P.I.	1,9	M.Gardler,W.Petersen#
Rough-winged Swallow:			
12,15	Hingham,Lynnfield	7,6	SSBC(Langley),BBC(W.Van Cor)
19,20	Manchester,Truro	5,6	BBC(G.Hotz),BBC(S.Grinley)
Cliff Swallow:			
7,13	Hingham,Milton	4,12	G.Wilson,W.Cornwell
19,26	Lynnfield,Haverhill	2,28(14 active nests)	H.Wiggin,W.Drummond#
Purple Martin:			
12,23	P.I.	30,50	BBC(Hales),BBC(S.Garrett)
23,27	Cambridge(Mt.A),Squantum	1,1	R.Stymeist,W.Cornwell#
30	Middleboro	100+	R.Maxim,W.Wiksten
Blue Jay:			
15 on	Manomet	103 (banded)	M.B.O.Staff
30	P.I.,Cambridge(Mt.A)	175,47	W.Petersen#,R.Stymeist
Fish Crow:			
thr.,19	W.Roxbury,Marshfield	5-10,1-2	F.Atwood,W.Petersen#
House Wren:			
8;12	N.Scituate;P.I.,Hingham	6;3,4	M.Moore;BBC(Hales),SSBC(Langley)
4-29	W.Roxbury	4	F.Atwood
Winter Wren:			
1-3,3	Cambridge(Mt.A),Squantum	1,1	R.Stymeist#,W.Cornwell
5,12,20	Boxford,Fall River,Marblehead	1,1,1	J.Kellogg,S.Grinley,Argues
Carolina Wren:			
thr.	Westport,S.Dartmouth (5 & 2 young fledged)		P.Regan
16,28	W.Tisbury(M.V.),Scituate	1,1	M.Hancock,N.Osborne
Long-billed Marsh Wren:			
15,19	Lynnfield,Wayland	12,15	BBC(W.Van Cor),BBC(E.Taylor)
Gray Catbird:			
1 on, 24	W.Roxbury,Jamaica Plain	57,40	F.Atwood,A.Agush
15 on	Manomet	58 (banded)	M.B.O.Staff
Brown Thrasher:			
thr.	W.Roxbury	23	F.Atwood
Wood Thrush:			
3	Boston(Prudential Center)	3(dead)	J.Baird
12,17	Hingham,Canton(F.M.)	8,12	N.Osborne,D.Brown
Hermit Thrush:			
1-18,24	Cambridge(Mt.A)	1-8 max.(2nd),1 late	V.Albee# & v.o.,R.Stymeist
3,15	P.I.,Manomet	20,17(banded)	S.Swaebe,M.B.O.Staff
20	Ipswich	1(singing)	J.Berry
Swainson's Thrush:			
10-31	Cambridge(Mt.A)	1-19 max.(30th)	T.Leverich# & v.o.
26,30	Dedham,P.I.	4,15	F.Atwood,W.Petersen#
Gray-cheeked Thrush:			
7	Cambridge(Mt.A)	1(Bicknell's)	M&A Argue
15,20-30	Cambridge(Mt.A)	1,1-2(singing)	O.Earle#,v.o.
21	Cambridge(Hells Half Acre)	4	T.Leverich
23,24,29	P.I.,Squantum,Milton	1,1,1	M.Gardler,D.Brown,R.Veit
Veery:			
2-27	Cambridge(Mt.A)	1-5	R.Stymeist#,v.o.
12,17	Fall River,Canton	3,8	S.Grinley,D.Brown

Eastern Bluebird:			
3 on, 6	Boxford, Chilmark (M.V.)	2, 2	E&D Sampson, M. Hancock
19, 26	Lynnfield, Plymouth	1, 2	H. Wiggins, Carmichael
30	Canton (Blue Hills)	4 pairs, 1 nest	E. Armstrong
Blue-gray Gnatcatcher:			
1-20	Cambridge (Mt. A)	1-3	R. Stymeist, v.o.
2; 4	Plymouth; Newton, Milton	1; 1, 1	Carmichaels; P. Martin, R. Veit
6	Provincetown, Chatham	2, 2	BBC (R. Pease)
15	Manomet	4 (banded)	M. B. O. Staff
Golden-crowned Kinglet:			
6, 12	Boxford, P. I.	2, 1	W. Petersen#, BBC (Hales)
Ruby-crowned Kinglet:			
thr., 30	Manomet, P. I.	42 (banded), 2 (late)	M. B. O. Staff, W. Petersen#
Water Pipit:			
3, 12; 12	P. I.; Provincetown, Truro	1, 1; 1, 3	S. Swaebe, BBC (Hales); B. Nikula
Cedar Waxwing:			
19, 29	Wayland, Cambridge (Mt. A)	100, 12	BBC (E. Taylor), T. Leverich#
30	P. I.	60	W. Petersen#
Loggerhead Shrike:			
23	Middleboro	1	R. Maxim
White-eyed Vireo:			
12, 13	Needham, Plymouth	1, 1	BBC (Wells), Carmichaels
19; 20&27	Marshfield; Westport	1; 2&3	W. Petersen#; P. Butler# & S. Grinley
21, 30	W. Newbury, Plymouth	1, 5	FCBC (M. Baird), B. Sorrie
Yellow-throated Vireo:			
thr.	Boxford (Crooked Pond)	2-3 (nest)	v.o.
16, 19	Cambridge (Mt. A), Medfield	3, 1	P. Martin#, M. McClellan
Solitary Vireo:			
1-10	W. Roxbury	1-6	F. Atwood
2-20, 28	Cambridge (Mt. A)	1-4, 1 (late)	v.o., R. Stymeist#
30	P. I.	1 (late)	W. Petersen, C. Goodrich
Red-eyed Vireo:			
12 on, 14 on	Cambridge (Mt. A), W. Roxbury	2-12, 2-5	v.o., F. Atwood
16 on	Manomet	13 (banded)	M. B. O. Staff
Philadelphia Vireo:			
16, 23, 26	Cambridge (Mt. A)	1, 1, 3	E. Morrier#, v.o., BBC (N. King)
Warbling Vireo:			
6, 10-31	Belmont, Cambridge (Mt. A)	1, 1-4	P. Butler, Argues & v.o.
12	Lynnfield, W. Newbury	3, 1	Argues, H. Wiggins#
19 on	Cambridge (Hells Half Acre)	3 pair	H. D'Entremont, v.o.
Black-and-white Warbler:			
thr.	W. Roxbury, Cambridge (Mt. A)	2-9, 1-20	F. Atwood, v.o.
thr.	Manomet	51 (banded)	M. B. O. Staff
Prothonotary Warbler:			
6, 20	Manchester, Middleboro	1, 1	P. Parsons, C. Corwin
21	Annisquam, Newburyport	1, 1	S. Haines, D. Brown
Worm-eating Warbler:			
thr.	Manomet	2 (banded)	M. B. O. Staff
8-14, 12	Cambridge (Mt. A), Attleboro	1-2, 1	P. Garrey# & v.o., R. Aijala
12-20, 14	Dover, Milton	1-2, 1	F. Hamlin#, R. Veit
Golden-winged Warbler:			
10, 12-31	Milton, W. Newbury	1, 1-2	R. Veit, J. Berry, v.o.
13	Topsfield (IRWS), Groton	4, 1	J. Berry, R. O'Hara
19, 25	Littleton, Bramanville	1, 1	R. Baird, B. Blodget
Blue-winged Warbler:			
4&14, 5 on	Cambridge (Mt. A), W. Newbury	1, 1-5	V. Albee, v.o.
8, 19	N. Scituate, Milton	1, 1	M. Moore, S. Higginbotham
19, 25	Weston, Bramanville	1, 10+	L. Robinson, B. Blodget
Brewster's, Lawrence's Warblers:			
25	Bramanville	1 of each	B. Blodget
Tennessee Warbler:			
2-31	Cambridge (Mt. A)	1-15 max. (23rd)	R. Forster, v.o.
12, 20	Needham, Wollaston	2, 4	BBC (Wells), S. Higginbotham
14-25	W. Roxbury	1-5	F. Atwood
23, 27	Attleboro, Monomoy	5, 1	R. Aijala, W. Petersen
Orange-crowned Warbler:			
5-10; 8	Cambridge (Mt. A); N. Scituate	1 (singing); 1	R. Forster, v.o.; M. Moore
20, 30	Plymouth, P. I.	1, 1	Carmichaels, W. Peterson#

Nashville Warbler:

1,2,3 W.Roxbury,Newton,Milton 1,1,1 F.Atwood,P.Martin,R.Veit
 2-19 Cambridge(Mt.A) 1-6 v.o.
 12,19 Plymouth,Ipswich 1,1 Carmichaels,J.Berry

Parula Warbler:

thr. Manomet 4(banded) M.B.O.Staff
 2-29 Cambridge(Mt.A) 1-16 max.(11th) v.o.
 2,6 Plymouth,Harwich 1,5 Carmichaels,R.Pease
 12,26 Hingham,E.Sandwich 2,1 SSBC(Osborne),CCBC(Baines)

Yellow Warbler:

3-31,3 Cambridge(Mt.A),Milton 1-10 max.(10th),1 T.Leverich# & v.o.,R.Veit
 4-31 Manomet 12(banded) M.B.O.Staff
 5-31 P.I. 100 max.(30th) W.Petersen

Magnolia Warbler:

thr. Manomet 40(banded) M.B.O.Staff
 3-31 Cambridge(Mt.A) 1-25(23rd) M.Argue#,v.o.
 8,20 N.Scituate,Milton 8,1 M.Moore,SSBC(Fox)

Cape-May Warbler:

9,9-27 W.Roxbury,Cambridge(Mt.A) 1,1-8 max.(13th) F.Atwood,R.Stymeist
 13,20 Brookline,Milton 1,1 A.Agush,SSBC(Fox)
 23 Attleboro,Newburyport 1,1 R.Aijala,M.Gardler
 28,29 Plymouth,Chatham 1,1 Carmichaels,B.Nikula

Black-throated Blue Warbler:

2-28 Cambridge(Mt.A) 1-8 max.(25th) W.Cornwell,v.o.
 3,5 Brookline,Canton 1,1 A.Agush,M.Woluschuck
 12,20 Westwood,Nahant 1,3 J.Clancy,Argues

Yellow-rumped Warbler:

1-29 Cambridge(Mt.A) 1-131+ R.Stymeist#,v.o.
 1-22 W.Roxbury 1-30 F.Atwood
 2,5 Newton,Jamaica Plain 100+,30 P.Martin,M.Dickey
 27,30 Monomoy,P.I. 1,1 W.Petersen#

Black-throated Green Warbler:

1,3 Boxford,Brookline 1,6 FCBC(Baird),A.Agush
 2-29 Cambridge(Mt.A) 1-12(10th) v.o.

Cerulean Warbler:

10,14 Cambridge(Mt.A),N.Scituate 1,1 J.Fitzpatrick,J.Nichols#
 16,21 W.Roxbury,Newburyport 1,1 F.Atwood,D.Brown
 23;30 J.Plain(A.A.);Westport,Nahant 1;1,1 Simmers;Sowle,S.Garrett

Blackburnian Warbler:

7,10 Boxford,Newburyport 1,1 M.McClellan,H.D'Entremont
 9-31 Cambridge(Mt.A) 1-8 max.(30th) v.o.
 20-31 P.I. 1-12 Argues

Yellow-throated Warbler:

22,30 Millis,P.I. 1,1 J.Marshall,Jr.,G.Wilson

Chestnut-sided Warbler:

4-30 Cambridge(Mt.A) 1-6 max.(11th) v.o.
 8,12 Plymouth,Dover 1,1 Carmichaels,F.Hamlin

Bay-breasted Warbler:

8-31 P.I. 1-20 max.(30th) W.Petersen#
 10-31 Cambridge(Mt.A) 1-6 max.(30th) T.Leverich#,v.o.
 20,23 Newton,W.Roxbury 1,2 R.O'Hara,F.Atwood

Blackpoll Warbler:

10-31 Cambridge(Mt.A) 1-55 max.(30th) T.Leverich#,v.o.
 13,28 Brookline,Annisquam 3,1 A.Agush,H.Wiggin
 15-31 Manomet,W.Roxbury 10(banded),1-5 M.B.O.Staff,F.Atwood
 30,31 P.I. 20,10 W.Petersen#,Argues

Pine Warbler:

19,28 Littleton,Plymouth 1,1 NVBC(R.Baird),H.D'Entremont

Prairie Warbler:

1,5 Hubbardston,Cambridge(Mt.A) 1,1 J.O'Regan,V.Albee#
 9;12 W.Roxbury;P.I.,Fall River 1;3,3 D.Wolk;BBC(Hales),S.Grinley
 20,27 W.Newbury,Westport 5,6 J.Berry,BBC(S.Grinley)

Palm Warbler:

1-15 Cambridge(Mt.A) 1-30(2nd) v.o.
 3,12 Brookline,W.Newbury 10,1 A.Agush,BBC(Hales)

Ovenbird:

thr. Manomet 38(banded) M.B.O.Staff
 4-29 Cambridge(Mt.A) 1-5(24th) R.Veit#,v.o.

Northern Waterthrush:			
thr.	Manomet	29 (banded)	M.B.O. Staff
1-27	Cambridge (Mt. A)	1-5 (8th)	R. Stymeist#, v.o.
2,3	Brookline, Winchester	1,1	A. Agush, M. McClellan
8,27	N. Scituate, Monomoy	3,1	M. Moore, W. Petersen#
Louisiana Waterthrush:			
thr.	Boxford (crooked Pond)	1-4	v.o.
Kentucky Warbler:			
13&19	Milton	1,2	R. Veit, W. Petersen#
15&16	Cambridge (Mt. A)	1,2	P. Martin#, v.o.
19,20	Newburyport, Newton	1,1	BBC (H. Weissberg), R. O'Hara
23,24	W. Newbury, Bramanville	1,1	M. Gardler, fide D. Howard
Mourning Warbler:			
23,29	Cambridge (Mt. A)	2,1	T. Leverich, L. Robinson
30	P. I., Milton	4,1	W. Petersen#, R. Veit
31	Winchester, Nahant	1,1	M. McClellan, A. Murphy
Yellowthroat:			
3-31	Cambridge (Mt. A)	2-14	v.o.
19,26	Manchester, Dedham	10,70+	BBC (G. Hotz), F. Atwood
30	P. I.	150+	W. Petersen#
Yellow-breasted Chat:			
16,27	Manomet, P. I.	1 (banded), 1	M. B. O. Staff, D. Alexander
Hooded Warbler:			
8;14,23-27	Milton; Cambridge (Mt. A)	1;1,1	R. Veit; R. Stymeist, T. Lawrence#
15,20	Manomet, Cambridge	2 (banded), 1	M. B. O. Staff, T. Leverich
27	Westport	1 pair	BBC (S. Grinley)
Wilson's Warbler:			
8,12-30	N. Scituate, Cambridge (Mt. A)	1,1-8	M. Moore, v.o.
12,13	Topsfield (IRWS), W. Roxbury	1,1	J. Berry, F. Atwood
16-31,30	Manomet, P. I.	3 (banded), 30+	M. B. O. Staff, W. Petersen#
Canada Warbler:			
10,12	Squantum, P. I.	1,1	W. Cornwell, BBC (Hales)
15-31	Cambridge (Mt. A), Manomet	1-10,10 (banded)	v.o., M. B. O. Staff
30	P. I.	75+	W. Petersen#
American Redstart:			
thr.	Manomet	29 (banded)	M. B. O. Staff
3-31,30	Cambridge (Mt. A), P. I.	1-28 (th), 300+	v.o., W. Petersen#
Bobolink:			
5-30	Newburyport	3-20	BBC (E. Pyburn)
9,21	Byfield, Bridgewater	75,60	T. Joyce, C. Corwin
23-27	Cambridge (Mt. A)	6-12	R. Stymeist, v.o.
Orchard Oriole:			
7-22	Cambridge (Mt. A)	1-2 occasionally	Argues & v.o.
12	Vineyard Haven (M.V.)	1	M. Hancock
19,30	Marshfield, Littleton	1,1	SSBC, J. Baird#
Northern Oriole:			
1	Vineyard Haven (M.V.)	1	M. Hancock
2,10-31	Cambridge (Mt. A)	1, max. 18 (15th)	F. Hammond, v.o.
16-31	Manomet	39 (banded)	M. B. O. Staff
Rusty Blackbird:			
2,19	Cambridge (Mt. A)	1,1	T. Leverich#, B. Nikula
Scarlet Tanager:			
7,8-31	Boxford, Cambridge (Mt. A)	1, max. 8 (24th)	M. McClellan, M. Argue# & v.o.
17	W. Roxbury	5	F. Atwood
Summer Tanager:			
1-6,2	Yarmouth Port, Barnstable	1 (from 1st), 1	C. Castle & v.o., R. Pease
15-17;18-23	Cambridge (Mt. A)	1 ad. & 1 imm.; 1 imm.	R. Emery#, Allens#; v.o.
23	Newburyport	1 f.	M. Gardler
Rose-breasted Grosbeak:			
1	P. I., Chatham, S. Dennis, Yarmouth Port, Wayland	singles	v.o.
5,10-31	Cambridge (Mt. A)	1,1-8	R. Forster, v.o.
6,10	Middleboro, W. Roxbury	1,1	F. Atwood
Blue Grosbeak:			
2;5	Mansfield, Orleans; Plymouth	1,1;1	C. Findley#, R. Pease; H. Carmichael
3,16	Rockport, Franklin	1,1	fide H. Wiggin#, J. Fuller#
5,23	P. I., E. Weymouth	2 f., 1	v.o., R. Gaughen
8,29	Provincetown, Chatham	10,2	B. Nikula, BBC (R. Pease)

13-18	Cambridge (Mt. A)	1-3 (2 ad., 1 imm.)	C. Goodrich# & v.o.
Indigo Bunting:			
6	Dartmouth-Westport	5-6	P. Regan & v.o.
13-29	Cambridge (Mt. A), W. Roxbury	1-4, 1-3	R. Stymeist#, F. Atwood
Dickcissel:			
30	Danvers	1	E. Pyburn
Evening Grosbeak:			
10	Byfield	100	T. Joyce
23	Cambridge (Mt. A), Plymouth	6, 1	R. O'Hara, B. Sorrie
House Finch:			
2, 23	Cambridge (Mt. A)	2, 2	R. Stymeist#, T. Leverich
6, 12	Annisquam, Hingham	6, 20	L. Douca, R. Langley#
Pine Siskin:			
1, 13	Boxford (Crooked Pond)	6, 1	FCBC, W. Petersen#
3, 19	Cambridge (Mt. A), Littleton	1, 1	P. Martin#, NVBC
Red Crossbill:			
1-26	Cambridge (Mt. A)	max. 12 (26th)	D. Weaver# & v.o.
2-24, 6	W. Roxbury, J. Plain. (A. A.)	8-4, 14	F. Atwood, A. Agush
2, 27; 14-17	Chatham, Milton Cemetery	11, 15; 12	R. Pease, V. Saunders; R. Veit
Rufous-sided Towhee:			
thr.	W. Roxbury	17-77, 65	prs. breeding F. Atwood
5-15	Manomet	56 (banded)	M. B. O. Staff
Savannah Sparrow:			
5	Cambridge (Mt. A)	6	R. Stymeist#
Grasshopper Sparrow:			
13 on, 29	S. Dartmouth, Edgartown (M. V.)	1, 1	P. Regan & v.o., M. Hancock
Sharp-tailed Sparrow:			
10, 27	Squantum, Dartmouth	2, 4	N. Osborne, BBC (S. Grinley)
Seaside Sparrow:			
12, 17	P. I.	4, 2	R. Stymeist#, R. Emery#
22, 27	Plymouth, P. I., S. Dartmouth	1, 1, 1	R. Maxim, H. Carmichael
Vesper Sparrow:			
1, 5	Middleboro, Plymouth	1 nest building, 1	R. Maxim, H. Carmichael
12&17	P. I.	1	R. Stymeist#
Dark-eyed Junco:			
26	Jamaica Plain (A. A.)	1 late	BBC (J. Northway)
Chipping Sparrow:			
thr.	Cambridge (Mt. A)	max. 44 (3rd)	R. Stymeist & v.o.
3	P. I.	25	R. Emery#
Field Sparrow:			
3	P. I.	10	R. Emery
White-crowned Sparrow:			
5, 8	P. I., Littleton	1, 1	BBC (E. Pyburn), R. Baird
9-20	Cambridge (Mt. A)	max. 8 (13th)	P. Fox & v.o.
White-throated Sparrow:			
thr.	Manomet	236 (banded)	M. B. O. Staff
30	P. I., Plymouth, Camb. (Mt. A)	6, 1, 1	W. Petersen#, P. Donahue, N. Claplin#
Lincoln's Sparrow:			
13, 19	W. Roxbury, Nahant	1, 1	F. Atwood, H. Wiggin#
23, 28	Cambridge (Mt. A)	1, 1	R. Stymeist#, Argues
23, 25	Concord (GMNWR), Milton	2, 1	A. Scott, R. Veit

R. H. S.

BOAT TRIP TO POLLOCK'S RIP

The Brookline Bird Club has scheduled a boat trip to Pollock's Rip, 20 miles east of Nantucket, on September 29, 1973. For reservations, mail \$8.00 to William Cornwell, Jr., 40 Cummings Avenue, Wollaston, Mass. 02170.

THE BIRD OBSERVER SUMMARY FOR JUNE

June proved to be a most eventful month in Massachusetts this year as two "first breeding records" occurred. The more spectacular of the two was the Manx Shearwater found nesting on Penikese Island - the first breeding record for North America. This bird's breeding range has been only as far west as Iceland (and infrequently Bermuda) and was only a rare visitor to Massachusetts five years ago. Since that time, sightings have increased sharply, and on the 21st of June, it was found nesting in Buzzard's Bay.

The other record was the first breeding of the Fish Crow in Massachusetts. The Fish Crow has been a regular winter visitor to the West Roxbury Dump, but not until this year was summer residency documented by a nest sighting. Other breeding records of more common birds have also been received and are included below. Breeding and censuses are of great importance to state records, and we look forward to more people reporting nesting species next year.

Other exciting reports for the month include a Purple Gallinule that spent a week in a Squantum marsh. A Curlew Sandpiper made a brief appearance at Plymouth Beach, and a Long-tailed Jaeger was seen at Gray Beach, Yarmouth. A much out-of-season, Thick-billed Murre was found off Monomoy, and a few winter finches lingered as far south as the Cape. A good number of cuckoo sightings were recorded, and a Chuck-wills-widow was heard calling on Nantucket Island. A Short-billed Marsh Wren was heard but not seen in the Harwich marshes, and single reports of Worm-eating and Brewster's Warblers were also received. Only two reports of single Vesper Sparrows is evidence of the probable decline of that species in Massachusetts.

Common Loon:

thr.	Monomoy	max.15(16th)	J.Harris#
Pied-billed Grebe:			
3	Monomoy	2	W.Petersen#
Cory's Shearwater:			
9,18	Monomoy,off Nantucket	6,1	J.Harris,N.Claflin
Greater Shearwater:			
9,18	Monomoy,off Nantucket	20+,1	J.Harris,N.Claflin
17,29-30	Tuckernuck I.,Vineyard Sound	125,1	R.Veit,R&H Hopkinson
Sooty Shearwater:			
1,4	Sandwich,Monomoy	1,200	R.Pease,I.Nisbet
17,25	Tuckernuck I.,Orleans	175,1	R.Veit,H.D'Entremont#
29-30	Vineyard Sound	15-4	R&H Hopkinson
Manx Shearwater:			
9,17	Monomoy,Tuckernuck I.	1,4	J.Harris,R.Veit
21	Penikese I.	nesting	G.Ben David,R.Woodruff
	<u>(First North American Breeding Record)</u>		
Wilson's Storm Petrel:			
18,24	off Nantucket,Barnstable	300,303	N.Claflin,D.Brown#
25,27	Chatham,Manomet	32,6	R.Pease#,J.Loughlin
29-30	Vineyard Sound	8-12	R&H Hopkinson
Gannet:			
14,17	Barnstable,Tuckernuck I.	4,3	R.Pease,R.Veit
25,30	Chatham,P.I.	1,2	H.D'Entremont,G.Soucy#
Double-crested Cormorant:			
2	Scituate	50	SSBC(F.King)
Great Blue Heron:			
1,2	Cambridge(Mt.A),P.I.	1,3	L.Robinson#,BBC(W.Van Cor)
Green Heron:			
2,6	P.I.,Cambridge(Mt.A)	6,2	BBC(W.Van Cor),R.Stymeist
Little Blue Heron:			
2	Chatham	1	R.Pease
Great Egret:			
1,4	Chappaquiddick I.,Squantum	1,1	BBC(J.Kenneally),E.Morrier
26,30	Hingham,P.I.	1,1	C.Clark,R.O'Hara#
Snowy Egret:			
1-3,5	M.V.,Squantum	25,10	BBC(J.Kenneally),J.O'Regan
2-25	P.I.	10-15	v.o.

Louisiana Heron:			
3-9	Monomoy	1	W.Petersen#, v.o.
Black-crowned Nigh Heron:			
1-3,9	M.V., Plymouth	150+, 20	BBC(J.Kenneally), B.Sorrie
Yellow-crowned Night Heron:			
thr., 10	Centerville, Monomoy	1, 1	V.Laux, W.Bailey#
Least Bittern:			
2-25, 3	P.I., Monomoy	1-3, 1	v.o., W.Petersen#
9	Marshfield	1	BBC(H.D'Entremont)
American Bittern:			
2, 25	Harwich, P.I.	1, 1	R.Pease, BBC(S.Garrett)
Glossy Ibis:			
5, 6	Dennis, Duxbury	6, 2	I.Nisbet, B.Groton
9, 10	Marshfield, P.I.	4, 5	BBC(H.D'Entremont), C.Loht
Canada Goose:			
16, 18	Concord(GMNWR), P.I.	24 yg., 150	BBC(D.Weaver), BBC(E.Pyburn)
Gadwall:			
thr.	Monomoy, P.I.	20+, 12+	v.o.
Pintail:			
3, 11	Monomoy, P.I.	2, 14	W.Petersen#, G.Soucy#
Northern Shoveler:			
3, 6	Monomoy, Roston	3, 1	W.Petersen#, C.Marks#
11	P.I.	2	BBC(G.Soucy)
Wood Duck:			
2, 10	Brookline, Sandwich	3, 3	A.Agush, R.Pease
18	P.I.	1 ad., 6 yg.	BBC(E.Pyburn)
Ring-necked Duck:			
1	Brookline	1	A.Agush
Canvasback:			
3	Sandwich	1	R.Pease
Oldsquaw:			
9-16	Monomoy	1	J.Harris#
Black Scoter:			
1	Katama(M.V.)	34	BBC(J.Kenneally)
Goshawk:			
17	Princeton(Wachusett M.)	1	BBC(T.Athearn)
Cooper's Hawk:			
15	Middleboro	1	D.Briggs
Red-shouldered Hawk:			
2	Camb.(Mt.A), Brookline, Newbyprt.	1, 1, 1	P.Martin#, A.Agush, BBC(W.Van Cor)
4, 12-15	Barnstable, W.Roxbury	1, 1	C&B Holdridge, F.Atwood#
Broad-winged Hawk:			
2, 6-30	Chatham, W.Roxbury	1, 2	R.Pease, F.Atwood#
8, 11	Bedford, Manomet	3, 2	F.Atwood#, B.Sorrie
Bald Eagle:			
3, 11	Topsfield, Barnstable	1 ad., 1 imm.	L&F Cyr, R.Pease#
Marsh Hawk:			
25	Chatham	2	D.Brown#
Osprey:			
thr., 2	Westport, Plymouth	2 pr., 1	J.Fernandez#, P.Donahue
4, 27	Middleboro, Harwich	1, 1	D.Briggs, R.Pease
Merlin:			
2	Brookline	1	A.Agush
Ruffed Grouse:			
4	Plymouth	2 with yg.	B.Sorrie
Bobwhite:			
5	Squantum	2	A.Agush#
Virginia Rail:			
thr.	West Roxbury	2	F.Atwood
3, 4	Squantum, Milton(F.M.)	2, 4	D.Brown#
Sora Rail:			
thr.	West Roxbury	1	F.Atwood
3, 11&23	Squantum, P.I.	2, 1	D.Brown, BBC(G.Soucy)&V.Albee#
Purple Gallinule:			
3-8	Squantum	1(Photographed)	D.Brown, v.o.
Common Gallinule:			
11, 18, 25	P.I.	4-5	BBC(G.Soucy, E.Pyburn, S.Garrett)

American Coot:			
11,18	P.I.	1,5	BBC(G.Soucy,E.Pyburn)
American Oystercatcher:			
1-3	Oak Bluffs,Chappaquiddick(M.V.)	1,8	BBC(J.Kenneally)
2,3	Wellfleet(WBWS),Monomoy	2,2 ad.&2 eggs	E.Morrier,W.Petersen#
23	Monomoy	2 ad.(abandoned nest)	W.Bailey#
28	Cape Page,Chappaquiddick(M.V.)	4 ad.,1 yg.	Atkinsons
Semipalmated Plover:			
2	P.I.	50	BBC(W.Van Cor)
Piping Plover:			
2,9	P.I.,Plymouth	1,7	BBC(W.Van Cor,H.D'Entremont)
24	Ipswich	6 ad. with 3 yg.	J.Berry
Golden Plover:			
25	P.I.	2	BBC(E.Pyburn)
Black-bellied Plover:			
2,25	Scituate,Chatham	91,28	SSBC(F.King),D.Brown#
Ruddy Turnstone:			
2,9	Scituate,Plymouth	25,4	SSBC(F.King),BBC(H.D'Entremont)
Whimbrel:			
4,11	Milton,P.I.	1,1	R.Veit,BBC(G.Soucy)
Upland Sandpiper:			
2,11,25	Newburyport	1,5,5	BBC(W.Van Cor,G.Soucy,S.Garrett)
Willet:			
5	P.I.	1	H.Weissberg
Knot:			
2	Scituate,Squantum,Chatham	2,1,1	SSBC(F.King),W.Cornwell,R.Pease
Pectoral Sandpiper:			
12	Wellfleet(WBWS)	1	J.Harris#
White-rumped Sandpiper:			
2,9	P.I.,Plymouth	3,1	J.Berry,BBC(H.D'Entremont)
Curlew Sandpiper:			
1-2	Plymouth	1	P.Donahue
Dunlin:			
2	Newburyport	6	BBC(W.Van Cor)
Short-billed Dowitcher:			
5,11	Mashpee,Newburyport	5,1	R.Pease,BBC(G.Soucy)
Semipalmated Sandpiper:			
5,9	Newburyport,Plymouth	800,40	M&A Argue,H.D'Entremont
Ruff:			
27-30	P.I.	1-2 m.(brown & white ruffs),1 f.	S.Garrett#,v.o.
Pomarine Jaeger:			
25	Chatham	1	R.Pease#
Parasitic Jaeger:			
16,18,30	Monomoy,Westport,P.I.	1,1,1	J.Harris,H.D'Entremont#,v.o.
Long-tailed Jaeger:			
9	Gray Beach,Yarmouth	1	I.Nisbet,B.Mallory
Herring Gull:			
thr.	Everett	nesting colony(yg.on 13th)	J.Berry
Laughing Gull:			
thr.,14	Monomoy,Annisquam	100 prs.,1	B.Blodget#,H.Wiggin
Bonaparte's Gull:			
5	Newburyport	75-100	M&A Argue
Little Gull:			
2	Newburyport,Bird Is.	6,1	BBC(W.Van Cor),I.Nisbet
9	Chatham	1	R.Pease#
Black-legged Kittiwake:			
17	Barnstable	1	R.Pease
Common Tern:			
9,11	Plymouth,P.I.	500,24	BBC(H.D'Entremont,G.Soucy)
Arctic Tern:			
9	Plymouth	1	BBC(H.D'Entremont)
Roseate Tern:			
3-0	Plymouth	1 pr.	Carmichaels
Least Tern:			
1,9	Chatham,Plymouth	100 prs.,30	I.Nisbet,BBC(H.D'Entremont)
23,25	Ipswich,P.I.	100+,3	J.Berry,BBC(S.Garrett)

Royal Tern:			
4,11	Monomoy, Eastham	1,1	I. Nisbet, R. Pease#
12	Scituate (3rd Cliff)	2	J. Nichols
Caspian Tern:			
29,30	P. I.	1,3	P. Parsons, G. Soucy#
Black Tern:			
28	Bourne	1	B. Sorrie
Thick-billed Murre:			
13	Monomoy	1	J. Harris, W. Bailey
Yellow-billed Cuckoo:			
2	Westwood, Milton, Plymouth	1,1,3	J. Clancy, R. Veit, P. Donahue
3,6	Brookline, Cambridge (Mt. A)	1,2	F. Meany, C. Quinlan
7,24	Annisquam, Sandwich	1,1	H. Wiggin, R. Pease
28	W. Newbury, Bedford	1,1	R. Emery#, F. Atwood
Black-billed Cuckoo:			
2,4	Wellfleet, Milton	1,2	R. Pease, R. Veit
16,22	Concord (GMNWR), W. Roxbury	1,2-3	BBC (D. Weaver), F. Atwood
25,27	W. Newbury, Bedford	1,1	BBC (S. Garrett), F. Atwood
Barn Owl:			
23	Monomoy	1	W. Bailey#
Short-eared Owl:			
1	Katama (M. V.)	2	BBC (J. Kenneally)
Chuck-will's Widow:			
19-24	Nantucket	1	S. Perkins, E. Andrews
Whip-poor-Will:			
thr.	Plymouth, Middleboro	2,6	B. Sorrie, D. Briggs
Common Nighthawk:			
thr.	Cambridge	4 prs.	R. Stymeist
2,4	Newburyport, Annisquam	1,4	W. Van Cor, H. Wiggin
Ruby-throated Hummingbird:			
2	P. I., Scituate, Chatham	2,2,1	BBC (Van Cor), SSBC (F. King), R. Pease
Pileated Woodpecker:			
8,16	Annisquam, Haverhill	1,1	H. Wiggin, N. King#
17,28	Acton, Princeton	1 nesting, 1	J. Gminer, BBC (T. Athearn)
Red-headed Woodpecker:			
24	Leicester	1	B. Blodget
Yellow-bellied Sapsucker:			
2	Wellfleet (WBWS)	1 late	D. Ewer, B. Nikula
Eastern Kingbird:			
1-3,11	M. V., P. I.	25,12	BBC (J. Kenneally), BBC (G. Soucy)
Crested Flycatcher:			
thr.	W. Roxbury (Stony Brook Res.)	3-4 pr.	F. Atwood
2	Brookline	4	A. Agush
Yellow-bellied Flycatcher:			
1-12,3	Manomet, Ipswich	31 (banded), 1	M. B. O. Staff, J. Berry
2,5	Chatham, P. I.	1,2	R. Pease, Argues
2,6	Cambridge (Mt. A)	1,1	BBC (P. Martin), C. Quinlan
Acadian Flycatcher:			
4,5	Milton (Cemetery), Manomet	1,1	R. Veit, M. B. O. Staff
6,7	Plymouth Beach, Scusset	1,1	Carmichaels, B. Sorrie
Willow Flycatcher:			
1-12;1,20	Manomet; Sandwich, Barnstable	31 (banded); 1,1	M. B. O. Staff; R. Pease
2,6-22	P. I., W. Roxbury	1,1	J. Berry, F. Atwood
Wood Pewee:			
2,5	Scituate, P. I.	5,5	SSBC (F. King), Argues
Olive-sided Flycatcher:			
1-12,1	P. I., W. Wareham	1-3,1	v. o., R. Maxim
3,17	Norwell, Rehoboth	1,1	M. Litchfield, R. Veit
Horned Lark:			
2,14,24	P. I., W. Dennis Beach, Ipswich	1,3,2	J. Berry, Holdridges, J. Berry
Bank Swallow:			
26	Middleboro	60 prs.	D. Briggs
Rough-winged Swallow:			
thr., 1-3	Middleboro, M. V.	1 pr., 2	D. Briggs, BBC (J. Kenneally)
2	P. I., Chatham (Morris I.)	4,1	BBC (W. Van Cor), R. Pease
Cliff Swallow:			
17,28	Princeton (WMWS), Rockport	12+, 2 pr.	BBC (T. Athearn), H. T. Wiggin

Purple Martin:				
thr.	Middleboro, P.I.	100+ prs., max. 11	R. Maxim#, v.o.	
Fish Crow:				
13	W. Roxbury	2 prs. (nesting)	F. Atwood#	
	(First Massachusetts Breeding Record)			
Tufted Titmouse:				
thr.	W. Roxbury (Stony Brk. Res.)	family of 6	F. Atwood	
Red-breasted Nuthatch:				
thr.	Lakeville (Long Pond)	1 pr. + yg.	L. Pratt	
17	Norwell	1 pr. + 3yg.	M. Litchfields	
Brown Creeper:				
13-30	W. Roxbury (Stony Brk. Res.)	family of 5	F. Atwood	
House Wren:				
thr.	Annisquam	1 pr., 6 or 7 yg.	H. T. Wiggin	
16, 17	Norwell	1 pr. & 6 yg. (banded), 1 pr. & 7 yg. (banded)	M. Litchfields	
Carolina Wren:				
1-3, 1&3	M.V., Plymouth	1, 1	BBC (J. Kenneally), B. Sorrie	
2	S. Dartmouth	1 pr. (nesting)	P. Regan & T. Leverich	
Long-billed Marsh Wren:				
thr., 24	P. I., Harwich	max. 12, 16 prs.	v.o., B. Blodget	
Short-billed Marsh Wren:				
25	Harwich Marshes	1 heard	H. D'Entremont & D. Brown	
Wood Thrush:				
thr.	Roxbury	2 pr. + yg.	F. Atwood	
Hermit Thrush:				
15	Falmouth	1	R. Pease	
Swainson's Thrush:				
1, 1-12	W. Roxbury, Manomet	5, 11 (banded)	F. Atwood, M. B. O. Staff	
Eastern Bluebird:				
thr.	Middleboro	1 pr. (nesting)	R. Maxim#	
thr.	W. Roxbury	2 pr. & 1 yg.	F. Atwood	
Cedar Waxwing:				
1-12, 7	Manomet, Annisquam	12 (banded), 15	M. B. O. Staff, H. T. Wiggin	
White-eyed Vireo:				
thr., 24	Acoaxet, Plymouth	2, 1 pr. (nesting)	R. O'Hara#, F. Hammond	
2, 15	Scituate, P. I.	1, 1	SSBC (F. King), J. Boring	
Yellow-throated Vireo:				
2, 5	S. Dartmouth, P. I.	1, 1	T. Leverich, Argues	
Solitary Vireo:				
2	Scituate, Chatham	2, 1	SSBC (F. King), R. Pease	
Red-eyed Vireo:				
1-12	Manomet	24 (banded)	M. B. O. Staff	
Philadelphia Vireo:				
3	Monomoy	1	W. Petersen#	
Warbling Vireo:				
2	Jamaica Plain (Jamaica Pond)	2 pr.	M. Dickey#	
17	Annisquam	1	H. T. Wiggin	
Black-and-white Warbler:				
18-30, 25	Bedford, Harwich	1 pr., 1 pr.	F. Atwood, D. Brown#	
Worm-eating Warbler:				
18	Wayland	1	R. Forster#	
Golden-winged Warbler:				
5, 16	W. Newbury	2, 1	Argues, H. Keith & N. King	
9, 9&10	Framingham, Groton	2 pr. (nest), 1 pr. (nest.)	B. Sorrie, R. O'Hara	
Blue-winged Warbler:				
2, 5, 16	W. Newbury	2, 2, 1	BBC (W. Van Cor), Argues, H. Keith#	
9	Framingham	1 pr. (nesting)	B. Sorrie	
Brewster's Warbler:				
16	W. Newbury	1	H. Keith & N. King	
Tennessee Warbler:				
2, 3; 3	Brookline, Annisquam; Monomoy	2, 1; 3	H. T. Wiggin; W. Petersen	
Nashville Warbler:				
thr., 15	Bedford, Belmont	1 pr., 1	F. Atwood#, Brett	
Parula Warbler:				
thr.	Harwich	1	R. Pease	
1-3, 2	Cambridge (Mt. A), Chatham	2, 1	v.o.	

Magnolia Warbler:				
1-12	Manomet	10 (banded)	M.B.O.Staff	494
Cape May Warbler:				
16	W.Newbury	1	H.Keith & N.King	
Black-throated Blue Warbler:				
1-12,2	Manomet,Cambridge(Mt.A)	1,1	M.B.O.Staff,BBC(P.Martin)	
2	P.I.,Brookline	1,1	BBC(W.Van Cor),A.Agush	
Black-throated Green Warbler:				
2-6,2-5	Cambridge(Mt.A),P.I.	1,3-5	BBC(P.Martin),Argues#	
Blackburnian Warbler:				
5,9	P.I.,Chatham	8,9	Argues,R.Pease	
Chestnut-sided Warbler:				
thr.,5	W.Roxbury,P.I.	1,3	F.Atwood,Argues	
Bay-breasted Warbler:				
2-6,5	Cambridge(Mt.A),P.I.	2,10	3BC(P.Martin),Argues	
Blackpoll Warbler:				
1,5	Cambridge(Mt.A),P.I.	20,25	BBC(L.Robinson),Argues	
1-12	Manomet	17(banded)	M.B.O.Staff	
Pine Warbler:				
9-10,25	Groton,Harwich	1 pr.(nesting),1	R.O'Hara,H.D'Entremont	
Prairie Warbler:				
1-3,23	M.V.,Fall River Airport	12,12	BBC(J.Kenneally),A.Agush#	
Ovenbird:				
1-12,18-30	Manomet,Concord	3(banded),3 pr.	M.B.O.Staff,F.Atwood#	
Northern Waterthrush:				
6,17	Plymouth,Princeton(WMWS)	1(banded),1	B.Sorrie,BBC(T.Athearn)	
Mourning Warbler:				
1,6	Wellfleet(WBWS),W.Roxbury	1,1	R.Veit,F.Atwood	
1-6,1-12	Cambridge(Mt.A),Manomet	1,13(banded)	v.o.,M.B.O.Staff	
3	Monomoy,Milton	2,2	W.Petersen#,R.Veit	
5;5,6	P.I.;Plymouth	1;2,4(banded)	Argues;B.Sorrie	
Yellow-breasted Chat:				
1	Scusset Beach	1 pr.(banded)	B.Sorrie	
Wilson's Warbler:				
1-12,3,5	Manomet,Monomoy,P.I.	3 (banded),3,7	M.B.O.Staff,W.Petersen#,Argues	
Canada Warbler:				
1,17	Manomet,Princeton(WMWS)	28(banded),2	M.B.O.Staff,BBC(T.Athearn)	
American Redstart:				
1-12,5	Manomet,P.I.	77(banded),100+	M.B.O.Staff,Argues	
Bobolink:				
2,3	Scituate,Monomoy	3,3	SSBC(F.King),W.Petersen#	
11,17	P.I.,Princeton(WMWS)	3,12	BBC(G.Soucy),BBC(T.Athearn)	
Orchard Oriole:				
3,10	Sandwich,Chatham	1,1	R.Pease,T.Leverich	
24,28	Plymouth,Rockport	2,1 pr. + nest	F.Hammond,H.T.Wiggin	
Scarlet Tanager:				
2,18-20	Cambridge(Mt.A),Bedford	3,4	BBC(P.Martin),F.Atwood	
Cardinal:				
thr.,23	W.Roxbury,Ipswich	15-20(incl.yg.),1 pr.	v.o.,J.Berry	
Rose-breasted Grosbeak:				
thr.,6	Middleboro,Plymouth Beach	2 prs.,1	G.Thatcher,Carmichaels	
Indigo Bunting:				
thr.,1-12	W.Roxbury,Manomet	10 prs.,(banded)	F.Atwood,M.B.O.Staff	
Evening Grosbeak:				
2	W.Manomet	1	B.Sorrie	
Purple Finch:				
thr.	S.Dennis,W.Roxbury	1 pr.,5	Holdridges,v.o.	
House Finch:				
thr.	Annisquam	6-8(1 pr.bldng.nest)(4 th)	H.T.Wiggin	
Pine Siskin:				
2,7	Manomet,Topsfield	1,1	B.Sorrie,F.Cyr	
Red Crossbill:				
3,4	Chatham,Milton(Cemetery)	15,30	Saunders,R.Veit#	
23,25	Sandwich,P.I.	1,3	R.Pease,BBC(S.Garrett)	
25	Plymouth(at feeders)	5	Carmichaels	
Savannah Sparrow:				
thr.	Scusset Beach,Framingham	1 pr.(nesting)	B.Sorrie	

Grasshopper Sparrow:			
thr., 1-3	Falmouth, Katama (M.V.)	6+, 6	R. Pease, BBC (J. Kenneally)
23	S. Dartmouth (DLSP)	1	R. O'Hara#
Sharp-tailed Sparrow:			
2, 2	Scituate, S. Dartmouth	4, 2	SSBC (F. King), Argues#
16	Newburyport	4	T. Leverich
Seaside Sparrow:			
2	S. Dartmouth	2	Argues#
Vesper Sparrow:			
2, 25	P.I.	1, 1	J. Berry, BBC (S. Garrett)
Dark-eyed Junco:			
5	Manomet	1	T. Floyd-Evans
Chipping Sparrow:			
thr.	W. Roxbury	2 prs.	v.o.
Field Sparrow:			
thr., 5	W. Roxbury, Annisquam	1 pr., 1	F. Atwood, H. T. Wiggin
White-throated Sparrow:			
9, 17	Framingham, Princeton (WMWS)	1, 6	B. Sorrie, BBC (T. Athearn)

S.P.G.

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

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, 132R Horseneck Road, S. Dartmouth
Middlesex County:	Mr. Robert Stymeist, 54 Banks Street, Cambridge 02138
Norfolk County:	Mr. David T. Brown, 35 Bridge Street, Quincy 02169
Suffolk County:	Mr. Fred Atwood, 29 Stratford Street, West Roxbury 02132
Worcester County:	Mr. Bradford Blodget, 73 Hillcroft Ave., Worcester 01606

PREVIEWS

By mid-August the fall shorebird migration is in full swing. Any mud flats along the coast may be worth checking, but trips to either the Plum Island-Newburyport area or to the outer Cape (especially Monomoy Island) should prove the most rewarding. Inland marshes such as the Great Meadows National Wildlife Refuge in Concord are also interesting. Fields near the coast should be looked over carefully for Upland Sandpiper and Golden Plover, as well as Buff-breasted Sandpiper. The land bird migration also begins in August and should peak in September or October. Marblehead Neck Sanctuary is a good spot in the fall and could yield Philadelphia Vireo, Connecticut Warblers and other migrants. Hawks will also be migrating in mid-September and a trip to Mt. Tom could prove successful. Good birding!

BOOK REVIEW

Lockley, R. M., Shearwaters (The Devin-Adair Co., 1942, New York). Available from Pierce Book Co., Winthrop, Iowa 50682. \$6.00.

Most of us have awed at shearwaters on the wing, few have visited their nesting grounds, but no one has had R. M. Lockley's lifelong acquaintance with these masters of flight. His chronicle, though now 30 years old, still gives a penetrating look into the life of a Manx colony, on Skokholm Island off the southwest coast of Britain. With sightings of this species becoming ever more frequent in Massachusetts waters, this book may be more important to us now than when it was written.

We learn of fidelities (and infidelities) in his Knoll Village, of great black-backed gull infanticides, and of Lockley's homing experiments. We are also told how this dedicated birder elevated the life history of the Manx from fable to fact through careful and persistent observation.

By the way, Mr. Lockley is alive and well -- I saw him a couple of months ago on a National Geographic Society TV special -- performing more homing experiments, which spotlight the Manx's pathfinding ability and our own lack of understanding. L.J.R.

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