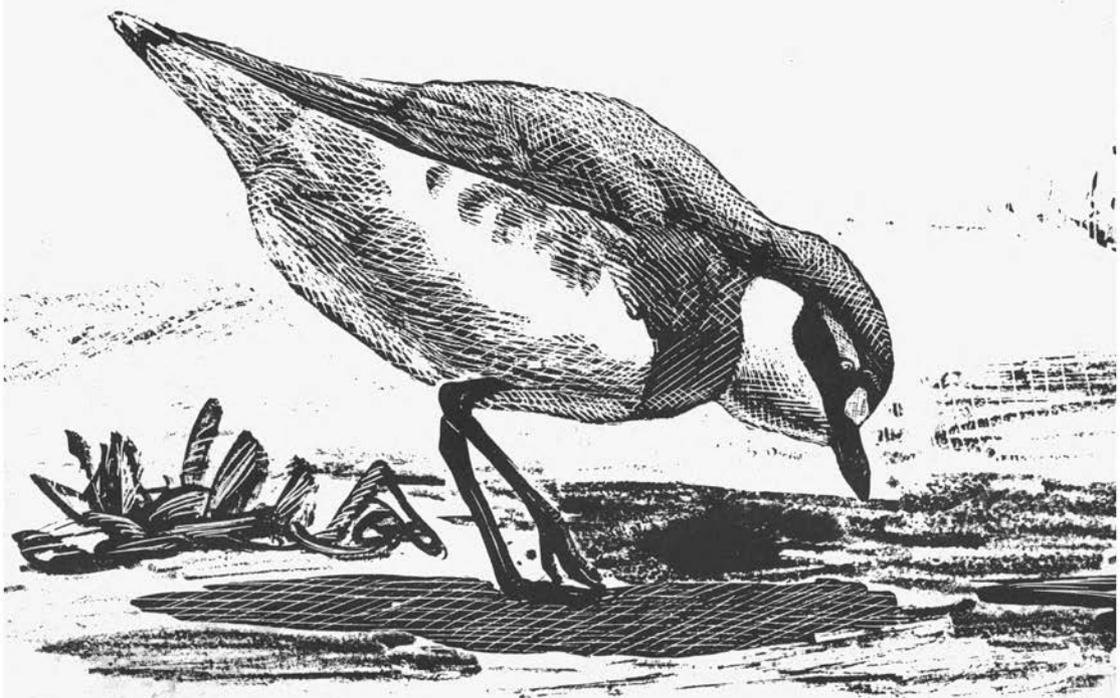


# Bird Observer

VOLUME 28, NUMBER 1

FEBRUARY 2000





# Bird Observer

A bimonthly journal — to enhance understanding, observation, and enjoyment of birds

**VOL. 28, NO. 1 FEBRUARY 2000**

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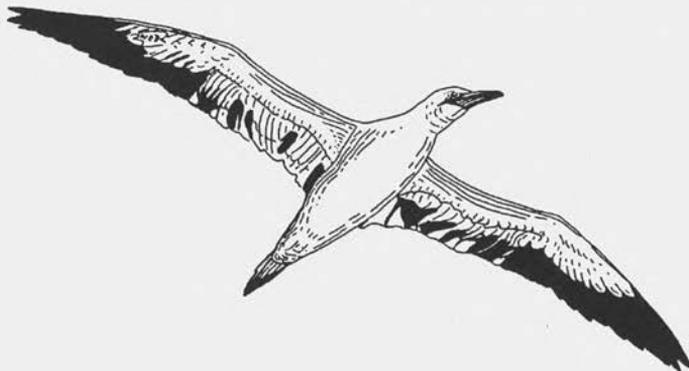
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## Letter from the President

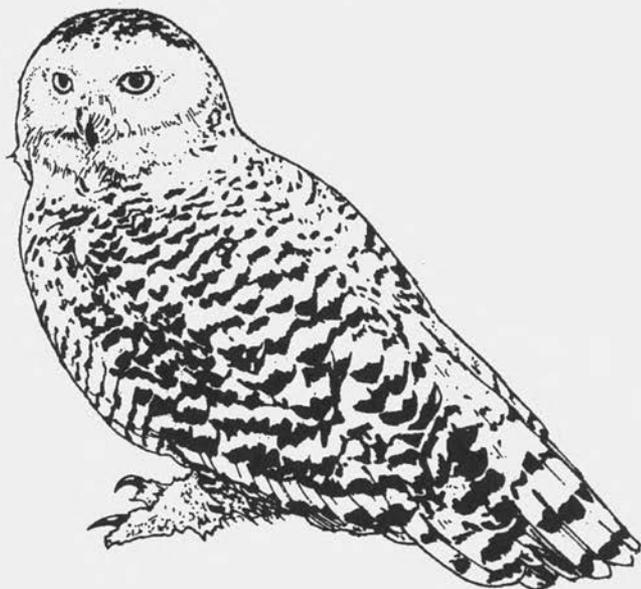
The staff of *Bird Observer* is proud to publish and produce the Journal entirely by a volunteer staff, and there are many people who contribute to its success. It is the Editor in Chief, however, who is finally responsible for pulling together all the pieces that create the Journal. For three years, Matt Pelikan has held this position, carrying on the tradition of excellence set by his predecessors. In 1998 Matt was appointed editor of the American Birding Association's newsletter, *Winging It*, and after nearly two years of editing both journals, Matt has decided to retire as editor of *Bird Observer*. Matt will continue to be involved in *Bird Observer*, but in a reduced role.

I would like to thank Matt for his outstanding contributions to *Bird Observer*. He has been an exemplary editor, an outstanding wordsmith, and a good friend. The journal has greatly benefited from his tenure.

Beginning with the first issue of the year 2000, we are pleased to welcome Brooke Stevens in the new role of Managing Editor. Brooke brings a new vitality and a wealth of ideas to the journal, and we are all very excited about this new beginning.

You will notice another change, beginning with this issue. We have adopted a new design to the Journal to give it a more modern, readable look. We thank designer Andrea Golden of Arlington for her contribution in creating this new look.

Marjorie W. Rines  
President, Bird Observer of Eastern Massachusetts



# Habitat Restoration at Joppa Flats

*Bill Gette*

I'm sure that you all have seen many advertisements showing before and after scenes: there's the couple exalting over the transformation of their dirty carpets; the woman appearing decades younger after using a moisturizing lotion; and the middle-aged man reveling in his restored hairline. You may wonder, however, about the truth of these testimonials. Well, here is a real-life, before and after scene that you can experience for yourself. The habitat restoration project at the Joppa Flats Education Center and Wildlife Sanctuary on the southern shore of the Merrimack River in Newburyport was completed in December 1999, and the transformation has been nothing less than miraculous! A tangle of invasive plant species and trash has been replaced by magnificent wildlife habitat.

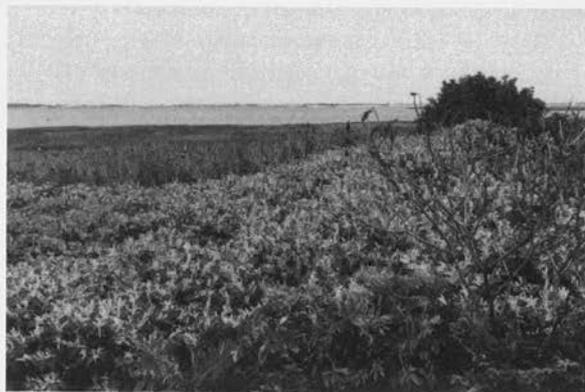
In December 1993 the Massachusetts Audubon Society purchased the 3.3-acre site of the Sportsmen's Lodge, an internationally known birding destination. It was the vision of the Society to establish an education center and meeting place for birders at the gateway to the Merrimack River estuary and the Parker River National Wildlife Refuge, and to restore the degraded habitat. An important element of site development for the Joppa Flats Education Center was to restore the badly damaged salt marsh. The salt marsh had been filled during the past decades by both human and natural causes. Sand, construction materials, and trash of almost every description had been deposited in the area. As the salt marsh was filled, tidal flow through the area was restricted, and salinity levels decreased. As a result, invasive plant species such as the common reed (*Phragmites australis*) and Japanese knotweed (*Polygonum cuspidatum*) overran the area. The encroachment of invasive plants was so bad that monitoring efforts by Thomas Rawinski, Staff Scientist for Massachusetts Audubon, revealed that these two exotic species made up over 98 percent of the vegetation in large sections of the Joppa Flats site. In late summer and fall, individuals standing in the Joppa Flats parking lot could not see the Merrimack River through the enormous standings of common reed and knotweed. For all practical purposes, the area was completely unusable for shorebirds, waders, and waterfowl.

## **The Restoration Plan**

Working with local, state, and federal regulators and the Massachusetts Wetlands Restoration and Banking Program, Massachusetts Audubon and its contractor, Great Meadow Farm, developed a restoration plan for the site. This ambitious plan called for the removal of huge quantities of fill and plant material, the development of three salt pannes (impoundments), and the creation of two tidal creeks. After thorough review by regulators, work began in September 1998. The three salt pannes were constructed at different elevations to create a variety of tidal inundation periods, water depths, and salinity levels and therefore, a variety of habitats. While one of the pannes would be flooded on every high tide (twice per day), the other two would only be flooded on the highest tides. The tidal creeks were built to ensure adequate tidal flow throughout the site.

Workers graded the area surrounding the pannes to create extensive mudflats — excellent feeding habitat for a variety of shorebirds.

In June 1999 as the major features of the restoration were taking shape, we began informal monitoring at the site. We were very pleased to see that egrets, herons, and ducks were utilizing the area. Large schools of fish, often containing several hundred individuals, were swimming in the tidal creeks and in the pannes. The wildlife was returning to the area despite the fact that men and equipment were still working there. It was as if, after decades of inactivity, the site had suddenly come alive!



**Before:** Note the Japanese Knotweed and Common Reed infestations, and the Merrimack River and the north end of Plum Island in the background.



**After:** Note that the knotweed and reed have been removed, fill has been removed, and a salt panne and mud flats have been constructed.

*Both photographs courtesy of Great Meadow Farm (contractor for the restoration)*

We began a formal monitoring program in August 1999. The initial findings were amazing! We observed 44 species of birds feeding and roosting within the area of work. Four additional species were added in September. Three species of fish were caught in monitoring traps in August. Prior to restoration, only a dozen or so bird species, all landbirds, were observed within the area of work. These birds included the Mourning Dove, American Crow, European Starling, Song Sparrow, Red-winged Blackbird, and House Sparrow. No waterfowl, waders, shorebirds, or fish were present.

## Species seen within the restored area:

### Birds

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Double-crested Cormorant	Semipalmated Sandpiper
American Bittern (September)	Western Sandpiper (September)
Great Blue Heron	Least Sandpiper
Great Egret	White-rumped Sandpiper (September)
Snowy Egret	Short-billed Dowitcher
Green Heron	Long-billed Dowitcher (September)
Black-crowned Night-Heron	Ring-billed Gull
Glossy Ibis	Herring Gull
Canada Goose	Common Tern
Green-winged Teal	Rock Dove
American Black Duck	Mourning Dove
Mallard	Belted Kingfisher
Blue-winged Teal	Tree Swallow
Merlin	American Crow
Peregrine Falcon	American Robin
Black-bellied Plover	Northern Mockingbird
Semipalmated Plover	European Starling
Killdeer	Song Sparrow
Greater Yellowlegs	Bobolink
Lesser Yellowlegs	Red-winged Blackbird
Solitary Sandpiper	Common Grackle
Spotted Sandpiper	House Finch
Marbled Godwit (August 28)	American Goldfinch
Sanderling	House Sparrow

### Fish

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Striped Killifish	Mummichog
	Threespine Stickleback

We welcome you to visit the Joppa Flats site during your next birding trip to the Newburyport/Plum Island area. We would very much appreciate it if you could provide listings of the wildlife you observe within the restored wetland. Please call 978-462-9998, or send your observations to the Joppa Flats Education Center, PO Box 1558, Newburyport, MA 01950. Also, check out our kiosk for upcoming sanctuary events and information on development efforts for the education center building.

As part of its on-going monitoring efforts and community outreach programs to demonstrate the value of wetlands, Joppa Flats will conduct its "Second Annual Big Sit by the River" on May 6, 2000. During this 24-hour event that starts at 12:01 a.m. on Saturday, we will attempt to observe as many species as possible from within a 25-foot diameter circle overlooking the restoration area. In May 1999, we saw 64 species including a Parasitic Jaeger. So we're a little crazy. We have great fun and would love to see you! See Rob Gough's article, "The First Annual Big Sit By The River: Foggy Flats and a Seabird Surprise," in this issue. ↗

**Bill Gette** is the Sanctuary Director of the Joppa Flats Education Center. He leads adult- and family-oriented natural history adventures to Costa Rica, Kenya, Trinidad and Tobago, Alaska, and many other locations.

# The First Annual Big Sit By The River: Foggy Flats and a Seabird Surprise

*Rob Gough*

As most area birders know, the Joppa Flats site along the southern bank of the Merrimack River in Newburyport is a very rich birding location. For decades, birders have come to Joppa Flats to observe waterfowl, shorebirds, gulls, and many other species. During spring migration, Joppa Flats is especially productive.

In celebration of the diversity of this area's wildlife and in honor of International Migratory Bird Day, the Massachusetts Audubon Society's Joppa Flats Education Center in Newburyport staged the First Annual "Big Sit By The River" on Saturday, May 8, 1999. During this event, we listed all of the bird species seen or heard from within a twenty-five foot diameter "count circle" during a 24-hour period, beginning at midnight.

The idea to conduct a "Big Sit By The River" was adapted from the New Haven Bird Club Big Sit!, an event held every year in mid-October, and now cosponsored by Swarovski Optik. During this international event, groups conduct counts from within a seventeen foot circle in many locations across the country. Although we widened the circle to twenty-five feet (making it large enough to include a shelter, chairs, a barbecue, etc.), and we conducted our event on a different date, to coincide with International Migratory Bird Day, we otherwise adhered to the guidelines of the New Haven based event. These guidelines include the following: 1) Observations can be made only from within the designated circle. 2) There is no limit to how many people can occupy the area (other than obvious spatial limitations). 3) If a bird is seen or heard from within the circle but is too distant to identify, observers can leave the circle to get a closer look for confirmation. However, any new bird seen or heard while confirming the original can't be counted, unless it can be seen from the circle. 4) Participants can work in shifts. No one person needs to be there throughout the entire event. 5) The same circle must be used for the entire duration of the Sit.

Our circle was positioned just west of the center of the Massachusetts Audubon Society's Joppa Flats property, located on the Plum Island Turnpike in Newburyport. The property currently includes a total of fifty-four acres along the southern edge of the Merrimack River. During this event, the property was undergoing a salt marsh restoration project (see Gette, "Habitat Restoration at Joppa Flats," this issue). Much of the joy of our Big Sit By The River event was in witnessing the diversity of bird species that were already utilizing this newly created habitat, as well as enjoying a view of the Merrimack River that was previously blocked by large stands of common reed and Japanese knotweed.

On the opposite side of Plum Island Turnpike from the Joppa Flats property is a small area of freshwater marsh, several small stands of trees, and a corner of the Plum Island Airport fields. The positioning of our count circle enabled us to view these areas across the road, and provided an excellent view of the newly created salt pannes within the restoration site. During periods when the fog would lift, we were able to see clearly

up and down the river, all the way to the mouth of the river at the north end of Plum Island.

### **Our Soggy Success**

Our day began at 12:01 a.m., in thick fog and a light drizzle. The first species on our list came just one minute later as several American Black Ducks made a startlingly close fly-by, and splashed down at the water's edge. Things slowed down a bit over the next several hours, with vocalizing birds, including Great Horned Owl, Black-crowned Night-Heron, Greater Yellowlegs, Marsh Wren, Swamp Sparrow, and Red-winged Blackbird slowly being added to our list.

The pre-dawn light provided the welcome advantage of sight, and the action began to pick up. The intermittent rain continued all day, and an often thick fog hung over the harbor. In the end, however, we came out of it waving a list of sixty-four species, including one very nice surprise. If good things come to those who wait, then perhaps spectacular things come to those who wait even longer.

The following is our complete list for the day:

Double-crested Cormorant	Common Tern
Great Egret	Rock Dove
Snowy Egret	Mourning Dove
Green Heron	Great Horned Owl
Black-crowned Night Heron	Belted Kingfisher
Glossy Ibis	Northern Flicker
Brant	Tree Swallow
Canada Goose	Barn Swallow
American Black Duck	Blue Jay
Mallard	American Crow
Blue-winged Teal	Black-capped Chickadee
Gadwall	Tufted Titmouse
Oldsquaw	White-breasted Nuthatch
Bufflehead	Carolina Wren
Red-breasted Merganser	Marsh Wren
Northern Harrier	American Robin
Sharp-shinned Hawk	Northern Mockingbird
Cooper's Hawk	Brown Thrasher
Merlin	European Starling
Black-bellied Plover	Yellow-rumped Warbler
Semipalmated Plover	Northern Cardinal
Killdeer	Field Sparrow
Greater Yellowlegs	Song Sparrow
Lesser Yellowlegs	Swamp Sparrow
Willet	White-throated Sparrow
Least Sandpiper	Red-winged Blackbird
Common Snipe	Eastern Meadowlark
<b>Parasitic Jaeger</b>	Common Grackle
Bonaparte's Gull	Brown-headed Cowbird
Ring-billed Gull	House Finch
Herring Gull	American Goldfinch
Great Black-backed Gull	House Sparrow

## Some Notes on the Parasitic Jaeger

The Parasitic Jaeger gave us looks at four different times throughout the day. It was first seen at 11:00 a.m. and last seen at approximately 4:30 p.m. The bird was initially seen following several Herring Gulls; later it was chased by a Great Black-backed Gull. During our third and fourth look at this beautiful bird, it flew by the edge of the salt pannes in front of us and landed on the water at the near edge of the river. At one point, it landed atop a small patch of Spartina and preened before our delighted eyes. This light morph, breeding-plumaged adult showed us great views of its field marks, including the characteristic rusty toned collar around the chest and beneath the tail, as well as the absence of any pale underwing patch at the base of the primaries.

## Lessons Learned

This event proved to be a wonderful day, filled with many laughs and great birds. We are already looking forward to the Second Annual Big Sit By The River on May 6, 2000. Special thanks go to David Davis, Brooke Stevens, Lynette Leka, Karl Reidl, and all others who stopped by and participated in this admittedly strange endeavor to celebrate International Migratory Bird Day. Together we made some interesting observations on the habits and behavior of our area's birds, and perhaps in the process we learned a bit about the merits of patience, the value of slowing down and staying in one place for a time, and the joy of "sitting." ↗

**Rob Gough** is Education Program Coordinator at MAS's Joppa Flats Education Center in Newburyport.

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# Fourth Annual Report of the Massachusetts Avian Records Committee

*Marjorie W. Rines, MARC Secretary*

This is the Fourth Annual Report of the Massachusetts Avian Records Committee (MARC). Previous summaries appeared in the October 1995, August 1997, and December 1998 issues of *Bird Observer*. In addition to these references, readers may find copies of these reports at the MARC web site at <http://Massbird.org/MARC/>.

The purpose of the MARC is to evaluate reports of rare, and difficult-to-identify species. These species are those designated by the MARC on its review list (<http://massbird.org/MARC/MARCreviewlist.htm>). In addition, the MARC evaluates any new state record, and records of species that are judged to be geographically or temporally rare. Massachusetts has a long and important ornithological tradition, and readers are encouraged to support this tradition by submitting written details or photographic evidence to the MARC whenever they observe an unusual bird in Massachusetts.

The Committee's actions in 1999 resulted in the acceptance of three new species. Pacific Loon was accepted for the first time; it had been included in previous lists, but only as part of the species pair "Arctic/Pacific Loon." Common Chaffinch had previously been included in the MARC's supplemental list ("the MARC believes that wild individuals of these species may have occurred in the state, however, a captive origin cannot be discounted"). A "large, fork-tailed swift" clearly represented a new species to Massachusetts. The net addition of two species (the change of Arctic/Pacific Loon to Pacific Loon resulted in no net addition) increases the MARC's state list to a total of 466 species. The Supplemental List has been reduced from six to five, with the elevation of Common Chaffinch to the main list.

MARC members include Steve Arena, Jim Baird, Rick Heil, Chris Leahy, Blair Nikula, Jan Ortiz, Jackie Sones, Richard Veit, and Trevor Lloyd-Evans (Chair). Since the last report of the MARC, Brad Blodget retired after serving the maximum of two consecutive three-year terms, and was replaced by Jim Baird. Wayne Petersen retired as Secretary, and was replaced by Marjorie Rines.

The MARC accepted the following reports. County names follow town or community names in parentheses.

**Pacific Loon** (*Gavia pacifica*). One in alternate plumage at Plum Island (Essex) on 10 May 1997 (#97-25, S. Perkins et al). One in basic plumage at Plum Island on 24 May 1997 (#97-26, S. Perkins et al). One in basic plumage in Sandwich (Barnstable), 5-6 December 1997 (#97-28, M. Sylvia, K. Anderson). One in basic plumage at Plum Island 28 February 1998 (#98-3, W. Petersen et al). Since its inception, the MARC has struggled with this species, due to the difficulty in differentiating between Pacific Loon and the closely related Arctic Loon (*G. arctica*). Until now, the Committee has taken the conservative approach of including only the species pair (Arctic/Pacific Loon) on the

state list. A growing body of knowledge on this species pair has convinced the MARC that Pacific Loon can be identified in the field under the right conditions.

**Albatross species**, #93-19, Gay Head (Dukes), 4 and 7 October 1993, T. Barksdale. One or two individuals videotaped off Gay Head on Martha's Vineyard were submitted as probable Yellow-nosed Albatrosses. The videotape was somewhat unclear, and the Committee agreed that the bird(s) could not be identified except as albatross species.

**Little Egret** (*Egretta garzetta*). One on Nantucket (Dukes) 8 July 1995 (#95-21, R. Lockwood et al). One on North Monomoy Island (Barnstable), 16 May 1998 (#98-8, W. Loughran, P. Trimble, B. Nikula et al). One on Nantucket (Dukes) 16 May 1998 (#98-25, S. Perkins). This species was first reported in the state only in 1989, yet has been recorded a number of times since then. It was recorded annually on Nantucket between 1992 and 1995, quite possibly the same individual. In 1994, there were two additional reports, one in South Dartmouth, and the second in Essex. Then, in 1998, there were reports from three locations (two on the same day), all on islands off Cape Cod. An individual on Tuckernuck Island 3 June 1998, may well have been the same bird reported in May on Nantucket.

**Mississippi Kite** (*Ictinia mississippiensis*) #98-24, Provincetown (Barnstable), 31 May 1998, J. Trimble. This well-described individual was seen for over a minute, and in direct comparison with a Broad-winged Hawk for a good size comparison.

**Bar-tailed Godwit** (*Limosa lapponica*), #98-7, North Monomoy Island (Barnstable), 15 May 1998, B. Nikula. A basic plumaged bird was well described by an experienced observer.

**Red-necked Stint** (*Calidris ruficollis*), #98-15, Plymouth (Plymouth), 21 August to 7 September 1998, D. Ludlow et al. (details submitted by R. Fox). A breeding plumaged individual was discovered in the Saquish area of Plymouth, at the end of Duxbury Beach. Shuttle buses run to this location allowed it to be viewed and photographed by many individuals, despite the difficult location.

**Thayer's Gull** (*Larus thayeri*), #99-8, Provincetown (Barnstable), 15 February 1999, R. Heil, J. Smith. Acceptance of Thayer's Gull by the MARC was delayed while the American Ornithologists' Union considered lumping this species with Iceland Gull (*L. glaucooides*). When it became clear that Thayer's Gull was considered a full species, the MARC added it to the state list in 1997. The first-winter gull described in this report (#99-8) was viewed in flight for fifteen minutes, and at a distance as close as 100 feet. As one committee member said, it was "a convincing description of an unconvincing species."

**Mew Gull** (*Larus canus*), #99-4, Winthrop (Essex), 16 January 1999, D. Larson, S. Carlson. This adult in winter plumage was observed roosting on the beach with Ring-billed Gulls, and a careful comparison of these two similar species was included in the description.

**Ancient Murrelet** (*Synthliboramphus antiquus*), #99-6, Rockport (Essex), 5 February 1999, R. Frechette. The first state record of this species occurred only in 1992, with a second record in 1998.

***Selasphorus* hummingbird species**, #98-19, Leicester (Worcester), 29 October 1998, W. + C. Gardener (details submitted by M. Lynch). *Selasphorus* hummingbirds (primarily Rufous, but most immature Allen's and Rufous cannot be differentiated in the field) are now reported almost annually in Massachusetts. Any hummingbird reported after mid-October, in fact, is perhaps more likely to be a vagrant than our native Ruby-throated.

**Large, fork-tailed swift**, #96-21, Chappaquiddick Is. (Dukes), 14 July 1996 (A. Keith, G. Daniels, et al.). This intriguing bird was seen by a number of experienced birders, yet there was no consensus as to species. The original observers identified it as a Black Swift (*Cypseloides niger*) of the West Indian subspecies, but later observers believed it to be an *Apus* swift, most probably Common Swift (*Apus apus*). Photos were taken, but the Committee felt there was not enough resolution in the photographs to make a clear identification. This record remains frustrating, since whatever species was involved, it was clearly new to Massachusetts.

**Black-backed Woodpecker** (*Picoides arcticus*), #98-26, Uxbridge (Worcester), 16 March 1998 (B. Kimball). A male was convincingly described and sketched.

**Fork-tailed Flycatcher** (*Tyrannus savana*). One, a young bird on Ram Island in Mattapoisett (Plymouth) 29 June 1993 (#93-27, B. Blodget et al.). One, an immature bird on Plum Island (Essex), 8 August to 13 September 1998 (#98-9, S. Perkins, E. Nielsen et al. (details submitted by S. Hennin).

**Ash-throated Flycatcher** (*Myiarchus cinerascens*), #98-23, Barnstable (Barnstable), 20-26 December 1998, R. Pease, B. Nikula, J. Trimble. Initially identified as a Great Crested Flycatcher, the timing of this discovery in late December suggested that Ash-throated should be suspected. Further viewing by experienced observers confirmed this suspicion.

**Townsend's Solitaire** (*Myadestes townsendi*), #97-18, Truro (Barnstable), 2 November 1997, J. Hoye, A. McCarthy. While other reports of this unusual vagrant have come slightly later in the year, the description included convincing details of plumage, posture, and behavior.

**Townsend's Warbler** (*Dendroica townsendi*), #98-14, Chilmark (Dukes), 4 October 1998, A. Keith. An adult male in near-breeding plumage was carefully described, including the elimination of a potential hybrid *dendroica* warbler.

**MacGillivray's Warbler** (*Oporornis tolmiei*). One in South Peabody (Essex) 5 October 1998 (#98-10, R. Heil). One in Boston (Suffolk), 13 December 1998 (#98-21, R. Stymeist, M. Rines). The Peabody bird was discovered in the same location as a MacGillivray's Warbler in 1990, and by the same observer. Details by the single observer placed particular emphasis on the plumage distinctions and call notes differentiating the various *oporornis* warblers. The Boston MacGillivray's was seen sporadically over four days at the Audubon sanctuary in the Mattapan section.

**Golden-crowned Sparrow** (*Zonotrichia atricapilla*), #98-17, Weston (Middlesex), 9-15 April 1998, M. Hunt (details submitted by M. Rines). An adult visiting a private home in Weston was observed by a number of experienced observers.

**Bullock's Oriole** (*Icterus bullockii*). One in Sterling (Worcester), 3 November to 31 December 1998 (#98-20), P. + G. Tosi (details submitted by M. Lynch). One on Nantucket (Dukes), 2 January 1999 (#99-1), R. Fox, D. Duxbury. An adult male in Sterling was well described and photographed. The Nantucket bird was a female, which is similar to the female Baltimore, but the report drew attention to important criteria such as eye line and jagged wing bar which help differentiate these species.

**Common Chaffinch** (*Fringilla coelebs*), #97-12, Scituate (Plymouth), 3-5 April 1997, R. Faust. This individual appeared at a feeder shortly after a snowstorm, and a photograph eliminated any question of its identity. Prior to this record, Chaffinch had been included on the MARC's supplemental list, which states that captive origin cannot be excluded. This species is migratory, and there is a pattern to the sightings in North America which cluster into the end of March and early April, coinciding with their migration in Europe. The Committee believed this was compelling evidence to accept this as a true vagrant.

The following records were **not accepted** by the MARC.

**Pacific Loon** (*Gavia pacifica*), #99-3, Plum Island (Essex), 10 January 1999. Details submitted lacked sufficient details to positively identify this bird.

**Arctic Loon** (*Gavia arctica*), #98-6, Plum Island (Essex), 16 May 1998. This basic plumage loon was seen and identified independently by two groups of observers. While both descriptions and circumstances are intriguing, this would have been a first east coast record, and the Committee believed that the highest standard for acceptance should be kept for such a difficult-to-identify species.

**Little Egret** (*Egretta garzetta*), #98-11, N. Monomoy Island (Barnstable), 9 September 1998. The details submitted were insufficient to differentiate this bird from juvenile Snowy Egret.

**Crested Caracara** (*Caracara plancus*), #99-2, 3-9 January 1999, Middleboro (Plymouth). The bird that loitered for nearly a week in the Cumberland Farms fields was unquestionably a Crested Caracara, and was enjoyed by many birders. This species, however, is highly sedentary, and its natural occurrence is questionable.

**Franklin's Gull** (*Larus pipixcan*), #96-26, 23 April 1996. The details on this sighting were incomplete and could not definitely eliminate other species.

**California Gull** (*Larus californicus*), #99-5, Easton (Bristol), 23 April 1996. Details on this observation did not include a size comparison, and the observer was unable to see the bird in flight, and therefore lacked a description of the wing pattern. The Committee felt that the details of this observation could not rule out Lesser Black-backed Gull (*L. fuscus*), and that the rarity of this species in the state required the most stringent standard for acceptance.

**Thayer's Gull** (*Larus thayeri*), #99-7, Newburyport (Essex), 13 February 1999. This bird was seen in flight at a distance through a telescope. The Committee felt the details were insufficient to differentiate it from a dark "Kumlien's" gull.

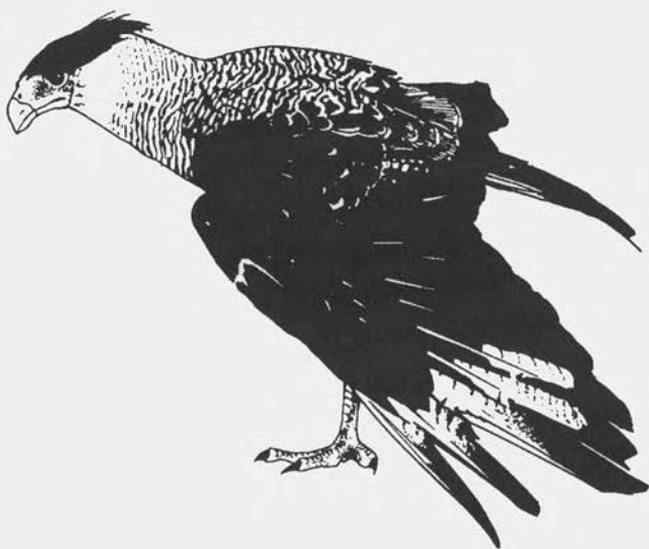
**Black Swift** (*Cypseloides niger*), #96-21, Chappaquiddick Is. (Dukes), 14 July 1996. Under reports accepted, please see "large, fork-tailed swift."

**Violet-green Swallow** (*Tachycineta thalassina*), #98-16, Plum Island (Essex), 11 August 1998. A juvenile swallow was observed carefully by experienced observers, but the Committee felt that its similarity to juvenile Tree Swallow required a particularly high standard to be met.

**Plumbeus Vireo** (*Vireo plumbeus*), #93-26, Cambridge (Middlesex), 16 May 1993. This observation was made prior to the split of Plumbeus from the Solitary Vireo complex. While intriguing, the Committee felt that the observer did not have enough time to study (and describe) the bird in sufficient detail to eliminate other vireo species.

**Bewick's Wren** (*Thryomanes bewickii*), #99-10, Acoaxet (Bristol), 6 January 1999. The observers were not able to see the tail pattern which is the most distinctive field mark. The rarity of this species in the east made the Committee decide on a conservative approach to this report.

**Brewer's Blackbird** (*Euphagus cyanocephalus*), #98-13, Rehoboth (Bristol), 22 October 1998. While the bird described was consistent with Brewer's Blackbird, and the timing correlated with the typical appearance of this species in Massachusetts, the report did not address comparisons to either Common Grackle or Rusty Blackbird. 



# YOUNG BIRDERS

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*(Editor's note: We all know of, or have been in the field with, some exceptional young birders. This issue of Bird Observer inaugurates an occasional series of features and observations by the talented youth who are out and about in our region.)*

## Crossbills

*Scott Yanco*

A gusty wind was blowing through the open windows of the car as my mother and I drove down the streets of the campground at Salisbury State Park. I was thinking of how curious our behavior must seem, driving through a campground by the ocean, in January, with the windows down and the heat off (so that birdcalls could be heard better), with our heads protruding from the car. But my thoughts were abruptly cut off. "Flock!" I said, before the image of sixteen undulating birds flying above the stunted pines even registered in my mind.

We turned down one of the many crossroads, to follow the birds. We saw them descend suddenly onto one of the trees, so we pulled the car off the road four campsites away. Immediately we discovered that they were Red Crossbills, an irruptive finch found in this area only during the winter months. Part of their allure is the unique feature that gives them their name: the upper mandible is angled one way while the lower is angled the other way, hence "crossbill." The birds use their odd beak for prying open pinecones and retrieving the seeds that lie hidden at the center.

I picked up the camera with my new telephoto lens and moved closer. I came to the seawall and began to walk along it. All of a sudden I heard chirp notes and the fluttering of wings. I looked ahead and in the air were the sixteen crossbills, but they had been joined by thirty-five common redpolls, another finch from northern latitudes. The flock swirled above my head, breaking apart into smaller flocks, only to join together again and float through the air as one aggregate being whose form is fluid and ever changing, morphing from a ball to a line to an undulating blob and back again. Eventually the flocks split apart by species, and the redpolls set down in the sand and on the cement curbing along the river's edge. The crossbills flew in my direction at almost eye level. Most of the birds flew past me, but a few stopped in the trees next to me for a few brief seconds. Before I could raise either binoculars or camera, they were gone.

I got back in the car, and we took off in the direction that the crossbills had taken. Once again we pulled off the road a few campsites away. This time I loaded my pockets with extra film and a lens cleaner to brush off the droplets of water that were collecting from the light drizzle that had begun. My mom and I crouched under the tree next to the one that was alive with the animated red birds. In the silence we could hear the crackle of pinecones as they were pried open. I took shot after shot; I was through one roll before I knew it. We watched as the birds hung from the tree in every direction, frantically working the pinecones as though they were about to disappear.

When they had finished with the tree next to us, they moved into ours! The rhythmic click of the camera shutter stopped, since a clear shot was impossible. Instead, we watched in awe as the birds feasted no more than six feet above our heads. The contrast between the male's red body and black wings seemed to be even crisper, and the yellow rump patch of the females seemed to be even brighter. And the sound of their feeding grew more intense. They only stopped eating every once in a while to glance our way. Soon this source of food began to run out, and one by one the birds left the tree, flying a short distance (not more than ten feet) to the next tree, until only one bird remained — a male. Hanging upside down from a pinecone, he methodically used the unique tool that was his beak to pry open the cone bit by bit, taking the seeds as he went. Then, without warning, he too left us.

None of the birds went far. They were close enough to photograph, especially as they fluttered down to a puddle to drink. Here I could see that a feature that had been a help, become a hindrance; their wonderful beaks, which evolution had sculpted to perfection for their feeding technique, posed a distinct problem when it came to getting water. The birds had to turn their heads sideways to drink.

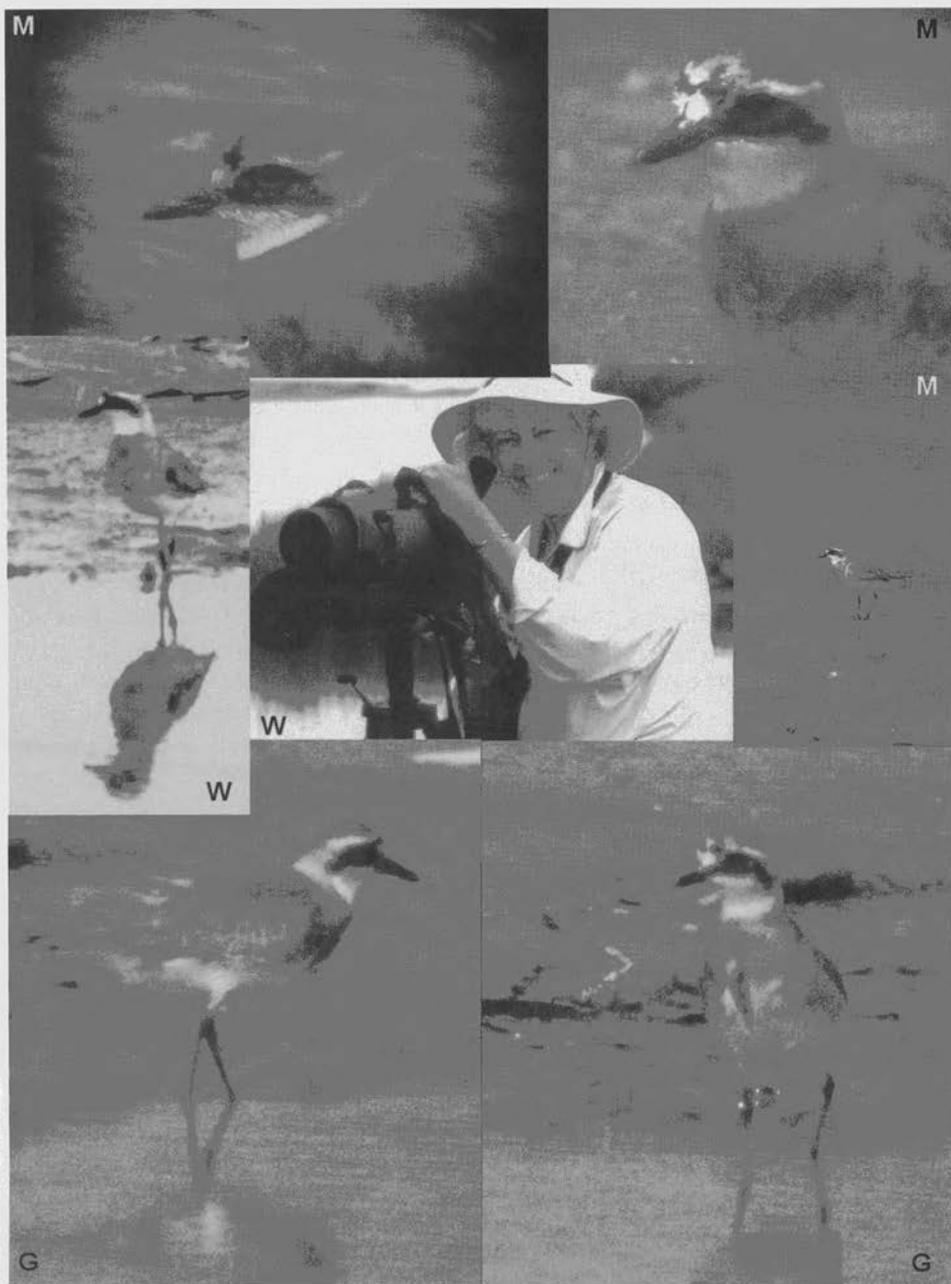
Suddenly two of the birds uttered harsh notes in staccato bursts and took to the air. They fluttered in amazing aerial acrobatics as they locked in what seemed like combat. Up, up, up they went, quarreling all the way. Then they ceased flying and pried at each other with their bills, at which point they began tumbling, earthbound. Before they became intimate with the pavement below, the loser was declared, and we watched as he left the area and began feeding on the outskirts of the flock in a different tree. At the opposite end of the behavioral spectrum, we saw a male pull a seed out of a pinecone and lean down from his perch to give it to a female resting on a lower branch. Crossbills are known to display courtship feeding. However, this would seem unusual in the winter, and no references to this behavior could be found in the literature.

One hour and several rolls of film later the birds moved on, and so did we, knowing that nothing for a long time was going to top that experience. It reminded me of how spending more time with each bird can be just as rewarding as trying to rack up a huge list or find something unusual. I really felt as though I knew the character of this species. This experience has taught me to look at birds for what they are, and not for what they could be. 🐦

**Scott Yanco**, age 15 lives in Medway, MA. His first birding experience came when he was nine years old, on a spring trip to Mount Auburn Cemetery. From that time on he has been hooked. Scott is also a founding member of the Sustainability/Environmental Committee at his school, which has raised money to buy land in Brazil, gotten disposable utensils and dishes banned from the cafeteria, started a recycling center, and reduced the school's electricity usage.



*Digital image by Dotty Moffett*



The author at the Charlestown Breachway on 7/25/99 and one of her very favorite birds. Digital images by Stephen Mirick (M, top two were taken through a telescope) of Newmarket, NH, and photographs by Donald Wilkinson (W) of Wakefield, MA, and Arie Gilbert (G) of Flushing, NY. The editors appreciate the use of these images.

# Mongolian Madness: Mongolian Plover at Charlestown, Rhode Island, July 24 – 26, 1999

*Linda Ferraresso*

July 24, 1999, was a typical summer morning on the Rhode Island coast: sunny but not too warm, with heavy dew and a nice breeze off the ocean. With Mary Jo Murray, a long-time birding friend in the area, I arrived at the Charlestown, Rhode Island, Breachway on Ninigret Pond at about 9 a.m. Arriving on the falling tide, we crossed the channel and briefly scanned with binoculars. Immediately, I noticed a reddish bird — maybe a Red Knot, I thought, but since the distance was too great to be sure, I unzipped my scope cover to take a closer look. The bird didn't look quite right. Setting up her scope, Mary Jo agreed: this was something we had never seen before.

Of course, my field guide was in the car, on the other side of the channel. Mary Jo came more prepared and pulled out her new third-edition National Geographic guide. The bird had the overall shape of a plover but was slightly larger than a Semipalmated Plover, with longer legs and a more elongated appearance. Its behavior was also plover-like as it ran intermittently across the flats. I asked Mary Jo to look up Mongolian Plover (*Charadrius mongolus*); we looked at the picture, then back into our scopes, and our blood pressure must have gone off the scale. We spent the next ten or fifteen minutes studying the bird and reassuring ourselves that we had correctly identified it. It was small to medium-sized, rather plain brown with a bright chestnut breast. Its head and neck were chestnut brown; its forehead white with a distinct black mask. Based on the brief write-up and picture in the National Geographic guide, we called our find an “unequivocal” breeding-plumage male Mongolian Plover. Once we had recovered our breath and our wits, we agreed one of us should call to notify others. Since Mary Jo was local and knew most of the area birders and their phone numbers, back through the water she went to herald the news.

My job, which at the time seemed the easier of the two, was simply to keep an eye on the bird. But I found there is nothing easy about staring at one bird for long periods of time: your mind wanders, you look at other birds in the same telescope field, just for diversion. While I was checking another suspicious bird, the plover disappeared. Not much later, Mary Jo returned, somewhat frustrated that she called many people and never reached a real person. With a few other birders who were in the area, we searched the area until early afternoon. The bird was clearly not there.

Where would a self-respecting Asian vagrant go at dead low tide? Some other mudflat offering better pickings, presumably. So we headed off to check other local spots. On the way, I called Barbara Drummond, who put the news out on the MASSBIRD e-mail list and activated the telephone hotline; spreading the word that the bird had flown and we were trying to relocate it.

After checking Quonochontaug, Mary Jo recalled Davis Finch's words: “When in doubt, return to where you first observed the bird.” I headed back to the Breachway. On my way back through the channel, I passed Paul Buckley, who asked if we had ruled out

Greater Sandplover. That was my introduction to the Sandplover family. The Mongolian Plover is also known as the Lesser Sandplover and resembles its close relative, the Greater Sandplover (*Charadrius leschenaultii*). At 3:30 p.m. I relocated the bird in the same section of the mudflat where we first saw it. Prepared this time, I called Mary Jo and Barbara Drummond immediately and then was able to study the finer points of the bird's appearance.

Its head was rounded, with a white forehead bisected by a thin, black mid-sagittal line. There was a white supercilium over each eye. Above the forehead was a narrow black band, and above that, a narrower buffy area. The crown and nape were a taupe brown color with a band of buffy rufous approximately an inch in width across the back of the neck. The back was taupe brown with slightly lighter, almost buffy feather edges. The neck and throat were white with a thin black line separating the white from a broad chestnut breast-band that extended onto the flanks. The legs appeared black in low light but were more grayish with a green tinge in good light. The leg length from "knee" to foot seemed a bit longer than the upper portion of the leg. The bird's bill was black, about as long as the distance from the base of the bill to the eye, and pointed but somewhat stout in shape.

When it flew, this bird's feet did not project beyond the end of the tail, and a narrow, uniform white line could be seen on the wing. The underwings were white. Based on the carriage of the feet in flight, the thin black line separating the white throat from the breast-band, the extension of the rufous breast-band onto the flanks, and short bill, Greater Sandplover was ruled out. The mid-sagittal line on the white forehead suggested that the bird probably belonged to the race *stegmanni* from Kamchatka and the Chukotsk Peninsula area of eastern Siberia. Mongolian Plovers breed in scattered areas, mainly at fairly high elevations, across central and eastern Asia, wintering on coasts from southern Africa to Australia. The *mongolus* group of this widespread polytypic species, including the race *stegmanni*, occupies the eastern portion of the species' breeding range. While Mongolian Plovers turn up from time to time on the West Coast and in Alaska (where it has even bred), this attractive shorebird has only occurred once before in the Northeast – in New Jersey in 1990 (see Walsh et al., *Birds of New Jersey*, New Jersey Audubon Society, Bernardsville, NJ, 1999).

The next day dawned with coastal fog, but undaunted, I headed back to the Breachway, arriving at 6:45 a.m. Already, a long line of birders with scopes could be seen. Al Richards had both hands in the air (a sign our bird club uses to show that we are looking at the bird). All morning long, birders continued to make their way through the thigh-high water to see this rare Siberian visitor. The fog came and went, adding further challenges to visibility, but with patience, everyone was "getting the bird."

There was ample opportunity to study the plover and its behavior. It seemed to prefer the small puddles rather than the drier mudflat. When it walked, it moved fairly slowly and methodically, sometimes bobbing a bit. When feeding, it seemed oblivious to most of the other birds, though it became very aggressive toward Semipalmated Plovers when sandworms were concerned. Throughout the day we observed the bird feeding, resting, bathing, and preening.

The Rhode Island birding community performed heroic service, arriving at 5:30 a.m. to relocate the bird the following morning and guiding visiting birders across the channel. It was an incredible team effort by the many who saw the bird and then stayed to help others get to see it. Needless to say, a vigorous social scene rapidly evolved. Friends from throughout the region were reunited, names from MASSBIRD were connected with faces, and there was a jovial, almost giddy feeling in the air. Cameras were snapping, videos were running, and scenes for both were staged. Though an exact count was never taken, it was estimated that somewhere between 200 and 300 birders paid homage to the Mongolian Plover that Sunday in July.

At 7 a.m. the next day (Monday, July 26), it was cloudy and cool on the flats. The plover was much more active this morning, flying back and forth between several small pools. His appetite for sandworms seemed to have been replaced with a yen for insects, and he constantly tapped one or the other foot on the sand to stir up flying prey. The bird vocalized only a few times, fairly quietly, sounding somewhat like a Ruddy Turnstone.

The trail of visitors continued, though in smaller numbers than the day before. The tales of the channel crossing grew taller, and birders seemed to arrive wetter: the "crossing guards" of the day before had returned to their jobs, leaving many birders to navigate the channel on their own. This infamous channel crossing was a memorable part of the experience. Rhode Island birders have been doing it for years, know where the sandbars are, and can negotiate it without getting too wet. Mary Jo had led me through many times so I hardly gave it any consideration. But unsuspecting waders, especially at high tide, can plunge into deep water, optics and all. Many birders arrived over the weekend and departed with tales to tell — and watermarks to prove them.

At 1:10 p.m., on Monday the 26th, the plover disappeared briefly, only to return ten minutes later. Bill Drummond, recently returned from a trip to the Northwest Territories, then arrived and was to be one of the last people to view this striking rarity. Around 3 p.m. a well-dressed man (clearly not in birding attire!) made his way to the flats. He represented the *South County Independent* (a southern Rhode Island weekly newspaper) and had come to find out what all the excitement was about. The plover was to make the paper's front page. At 4:15 p.m., with thunderstorms threatening, Mary Jo, Mike Tucker from Rhode Island Audubon, and I left the area. Birders heading out at 5:45 p.m. passed others returning from the birding area who indicated that the bird was still there. But these newest arrivals would be the first to be disappointed: the plover had departed.

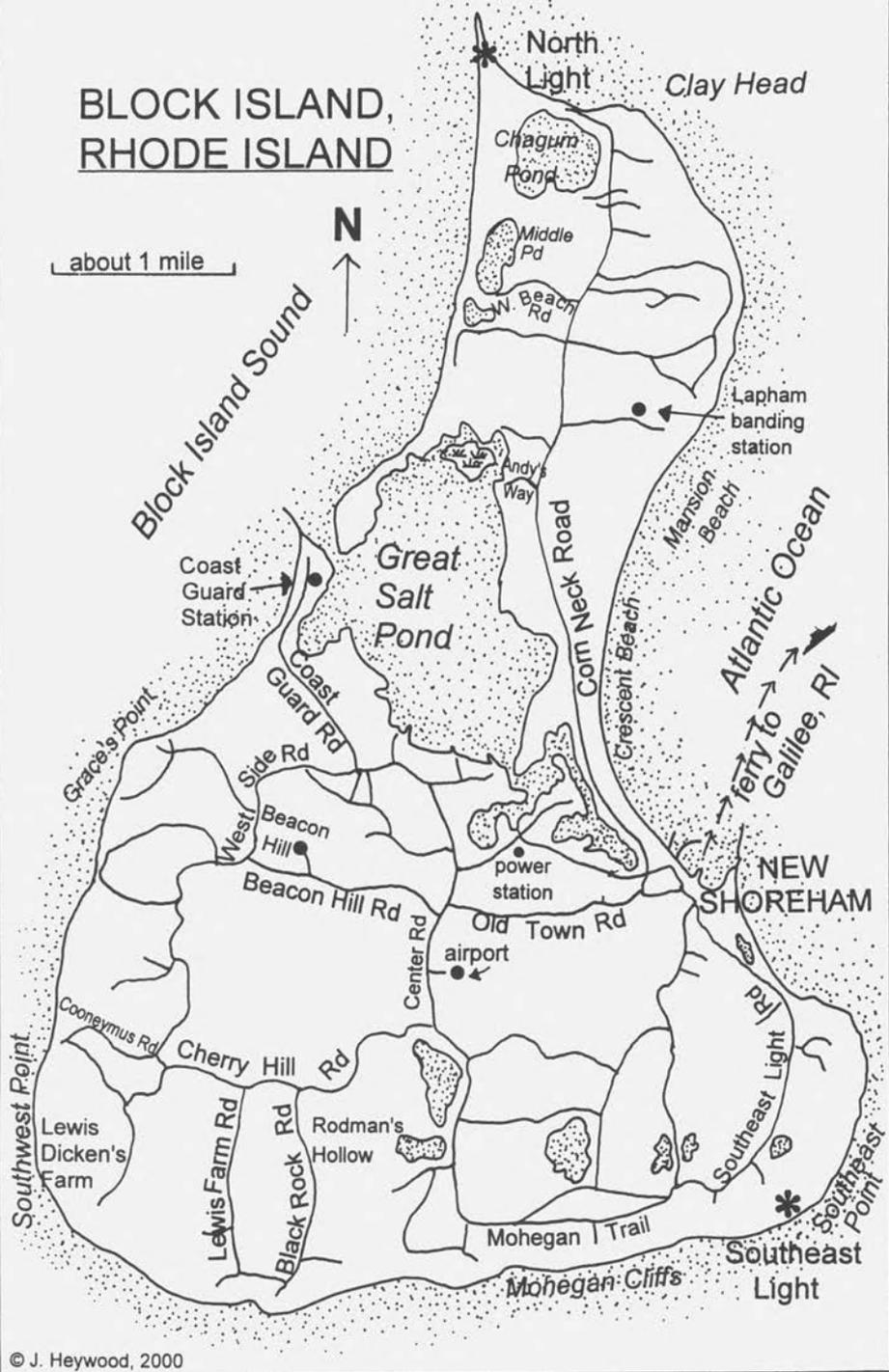
However, during its three-day stay, the bird was extensively photographed, videotaped, and sketched to document its occurrence so far from home. It was estimated that a total of 300 to 400 birders from all the New England states, New York, New Jersey, Pennsylvania, Illinois, Washington, D.C., Maryland, Virginia, and Florida, and perhaps elsewhere made it to the Charlestown Breachway to see this beautiful bird. I can hardly wait for my next birding adventure with Mary Jo: who knows what we may find? 🦋

**Linda Ferraresso** has been birding for over ten years. She is active in the Brookline Bird Club, where she is Membership Secretary, on the Conservation Committee, and a trip leader. Linda has traveled extensively and has co-led a number of bird trips in North America.

# BLOCK ISLAND, RHODE ISLAND

about 1 mile

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© J. Heywood, 2000

# Block Island, RI

Bob Fox

Twelve miles off the coast of Rhode Island, halfway between Long Island and the Elizabeth Islands, lies Block Island, a premier location from which to watch fall migration. The island's small size, low trees, and open spaces make it possible to cover the area in a weekend and have good looks at migrant birds. Whether you are trying to identify various species or studying fall plumages, the island is a laboratory. Some birders may prefer to view aspects of migration, seek rare birds, or establish record counts. Everyone enjoys the peace of island life, the scenery, and the weather (usually). I have spent the first weekend in October on Block Island nearly every year since 1963.

You reach the island by ferry from Point Judith (Galilee), RI, a 70-minute trip (\$11+ round-trip). A car (or bicycle) is needed on the island. A car reservation (\$20+ each way) can be made by telephone but should be made well in advance. The car must be ready for boarding at least 45 minutes before the ferry's departure. For more details call Interstate Navigation Company (401-783-4613). Other ferries leave from New London and elsewhere; there is also a small-plane service from Westerly, RI.

I always bring a ski jacket, hat, and mittens for the wind and morning cold but sunny afternoons can have temperatures up to 70 degrees F. Rain gear is always a prudent item. In New Shoreham, where the ferry lands, there are a variety of places to stay but advanced registration is needed. There are 6-8 restaurants, a few small stores, and a gas station in town.

Now I will highlight eight good birding areas based on the how various birds use the island in fall. This approach focuses on the six migration patterns of the island. The *Offshore Drift* brings the largest numbers and greatest variety of birds. Some migration occurs on most fall nights, but the biggest influxes occur under certain weather conditions. After a series of warm days and southern winds, when birds are feeding 50 to 250 miles inland from the coast, a cold front crosses New England with light northwest winds blowing all night. Eighty species of birds that normally migrate southwest toward Florida start to move. Many birds will drift over the ocean, realize their mistake by dawn's early light, and head northwest to the nearest land they can find. These birds, 95 percent of which are immature, land on the south and east sides of Block Island, feed, and fly north. As the island narrows to a point at the north, birds are concentrated there. From dawn to 11 a.m. they feed, mill about, and form small flocks to head to the mainland just visible to the north.

Get to the **north end** by dawn, parking at the end of the paved Corn Neck Road. Listen for Bobolinks, Horned Larks, or American Pipits in flight, and look for Northern Flickers and flocks of Blue Jays and Cedar Waxwings. Check the bayberry thickets for both races of Palm Warbler and migrant and resident Savannah and Song sparrows. Then, starting where the paved road ends, some five miles north of New Shoreham, walk south toward town. After 100 yards turn left on the first dirt road, which goes to Clay Head 250 yards to the east. On your right is a grove of small pine trees, some of which are dying

from blight. Often there are numbers of Ruby-crowned and Golden-crowned kinglets, White-breasted and Red-breasted nuthatches, Brown Creepers, and a dozen species of warblers such as Yellow-rumped, Pine, Nashville, Blackburnian, Chestnut-sided, Wilson's, and Magnolia.

As you continue toward Clay Head there is a lawn on the left where you can find many varieties of migrant sparrows (Field, Chipping, White-throated, and White-crowned), Dark-eyed Juncos, and even a Lapland Longspur or Snow Bunting. As this is private land and we have spent years building good relations with the home owners, please do not walk through gardens or hedgerows or get close to homes. Most owners welcome birders; we respect the wishes of the few who do not want us in and around their yards. On the right, beyond the pines, are some brushy fields with rough paths (land recently acquired by The Nature Conservancy). The area is usually sheltered from the wind, yet gets early morning sun. It is good for Yellow-bellied Sapsucker, Yellow-billed and Black-billed cuckoos, Eastern Phoebe, Eastern Wood-Pewee, Eastern Kingbird, Red-eyed, Blue-headed, and Philadelphia vireos, American Goldfinch, an early Pine Siskin, Gray Catbird, Eastern Towhee, House Wren, and resident Carolina Wrens. Going out and up to the top of Clay Head, there is a stone wall-lined trail on the right, one of many on the island that is good for birding; this one follows the eastern side of the island. Tree and Barn swallows often circle overhead, and small flocks of Red-winged Blackbirds and Common Grackles can be seen heading toward the mainland. From Clay Head watch the migrant birds coming to the point, and check the brush on all sides for good looks at migrants and an occasional vagrant. You now retrace your steps to the paved road.

Heading south some 100 feet from where you rejoin the road, there is an inconspicuous path left into the pines that is sheltered from the wind and a great place to get good looks at feeding migrants. (This is across from a parking area, and you climb over a low stone wall to enter.) Besides the previously mentioned species, it has been a good place to find Yellow-bellied Flycatcher, Orange-crowned, Canada, and Bay-breasted warblers, and a late Blue-winged Warbler.

As you again head south on the paved road, the field beyond the pines has had more than its share of Connecticut and Mourning warblers. The next four or five driveways are good places to see a different mix of the species mentioned earlier. Continue on the paved road up the hill looking especially on the left at a little goldfish pond, then a yard in which there are both water and feeders for birds. By now, migrants are becoming less common, but one stop is important. Mrs. Elise Lapham has an outstanding banding station at her home, which is east from Corn Neck Road. Her dirt road is marked on the northeast corner by a red house with white gingerbread trim. You might want to call before stopping by but the beautiful grounds, home, and station, some 600 yards east of the paved road and almost on the shore, are worth seeing. Hermit, Swainson's, Gray-cheeked, and Wood thrushes, Yellow-breasted Chats, and more common migrants can be found here.

Often, this is a good morning's birding, so I will pause for a moment to comment on two aspects of the Offshore Drift species I have just mentioned. First, they are the most common migrants to be found on any day. Second, during a good flight, certain species can be seen in large numbers. High daily counts include 1000 Northern Flickers, 1200

Red-breasted Nuthatches, 300 Cape May Warblers, 300 Golden-crowned and 250 Ruby-crowned kinglets, and 100 Eastern Phoebes. Once 50 Brown Creepers filled the pines and would alight on birders. Often, you can see more birds of a given species here in a few hours than you will see the rest of the year.

Now let's consider a second group of birds that are headed for the Caribbean Islands and South America by an *Over water route*. They fly south and east crossing over Bermuda, reaching 15,000 feet then dropping slowly for a landfall 80 hours or more after leaving the New England Coast. These birds are more scattered over Block Island but can be found in all the places previously mentioned. While on the island, they are still putting on weight to carry them on this over water journey. A higher percentage of them are adults because they are here by design, not by accident. You will find many Blackpoll Warblers, the archetype of this flight, but also big numbers of Black-and-white, Parula, Black-throated Blue, and Prairie warblers, Ovenbirds, Northern Waterthrushes, Common Yellowthroats, and American Redstarts. Warblers heading for the Greater Antilles are Cape May, Magnolia, and Black-throated Green.

The third group, the *Postbreeding Dispersal Species*, is found all over the island. They come from three areas, the Ohio Valley, the far west, and elsewhere — the true vagrants. The fifteen Ohio Valley rare birds include Common Moorhen, American Avocet, Red-headed and Red-bellied woodpeckers, Western Kingbird, Bewick's Wren, Loggerhead Shrike, Prothonotary, Worm-eating and Yellow-throated warblers, Summer Tanager, Blue Grosbeak, Dickcissel, and Clay-colored and Lark sparrows. Far-western species include White Pelican, Golden Eagle, Say's Phoebe, Western Tanager, and Yellow-headed Blackbird. Vagrants include Northern Fulmar, White Ibis, and Wheatear. Per day in the field, I have seen more of these rare birds more often on Block Island than anywhere else in New England.

Here are some of the good spots to see the rare as well as the more likely birds. **Around the town**, walk west from town toward the power station (two-bladed windmill), checking for sparrows along the way and looking for waterfowl at the power station and the pond immediately beyond. Make a big counterclockwise circle back to town via Old Town Road, stopping at the beginning of Beacon Hill Road — a standard spot for Blue Grosbeak. Check the thickets for other species.

On a second walk go toward **Southeast Light**. Two inns — the 1661 and Manatee — are within 200 yards of the edge of town. Their grounds and nearby gardens have had blackbirds including many western specialties over the years. About 1 1/4 miles south and just before a long hill to the lighthouse, take a dirt road left. Fifty yards from the pavement on the right is a small pond that is good for ducks including Wood Duck, and it has produced Yellow-breasted Chats, Prothonotary Warblers, and other southern stragglers. The first time I visited the Lighthouse, I had six Dickcissels in a bush; something I have not repeated but there have been midwestern sparrows there frequently. While Barn Owls sometimes nest in holes in the banks beneath the Lighthouse, **do not try to climb to them**; it is dangerous. Better, try to find the owls in pine groves in the daytime or see them at night.

This Lighthouse is a good reason to mention a fourth migration pattern, *Falcon and Accipiter Flights*. Block Island is on a flyway, and you can get many good looks at Merlins, Peregrines, and Sharp-shinned and Coopers hawks most days. The Lighthouse is at the east end of the Mohegan Cliffs. Peregrines, especially, perch on promontories, or sail on updrafts along the cliffs. All four of these raptors plus Northern Harriers and Ospreys (but hardly ever a *buteo!*) can be easily seen at Clay Head at the north end, along both shorelines, anywhere over the island, but especially on the south end.

Besides the Southeast Light, a must-do trip is to **Lewis Dicken's Farm** near the southwest corner of the island. Continue along the Mohegan Trail road. En route there are two small ponds on the left where thicket birds, shorebirds, and western stragglers often appear. Just where the road turns inland is another overgrown small pond on the right, and on the left, check the spruces. Often near evening 500-2500 Monarch butterflies gather on the trees. Circling back onto Cherry Hill Road, there is a sharp right turn and on the left a sign marking Rodman's Hollow. Stop and scan for hawks. As you approach the end of the road, and Southwest Point is not far ahead, you enter the Lewis Dicken's Farm area at the second entrance (off Cooneymus Road), a dirt road to the left that soon shows a sign marking the Farm's formal entrance. You cross the spacious, rolling fields to the cliffs. Looking east across the fields, you can expect to see several Peregrines, a dozen Merlins and Kestrels, plus some accipiters racing past. From here you can watch the hawks take off for Montauk Point, just visible on the southwest horizon. Monarch and other migrant butterflies are common on the flowering pasture lands and crossing to Long Island.

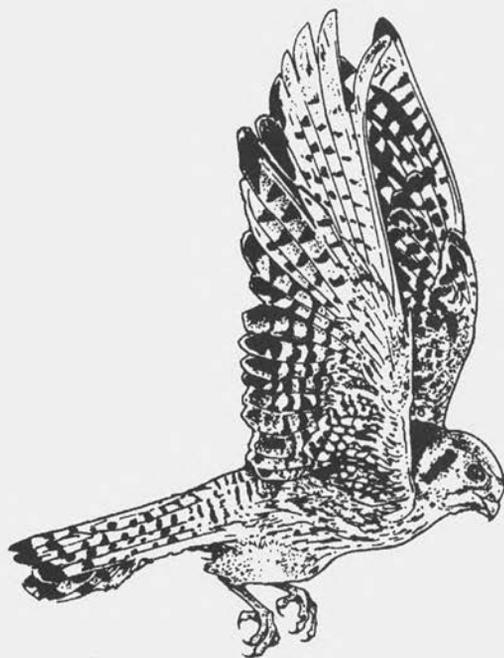
From the southern end of the island and elsewhere, you can watch two other migration patterns, *shorebird* and *waterfowl movements*. To the west of Block Island pass large, mixed flocks of Great and Double-crested cormorants and groups of surface-feeding ducks, all entering Long Island Sound. To the east, well seen from **Southeast Light**, are movements of more ocean-going species. Nearby are flocks of Laughing and Bonaparte's gulls and terns, while farther out are scoters, Common Eiders, and geese. In earlier years, both jaegers, Northern Fulmars, and Cory's, Greater, and Manx shearwaters have been seen occasionally. You often get small flocks of Snow Geese here but in 1998, 5000 Greater Snow Geese were flying high and straight toward the Jersey shores.

*Shorebirds* on Block Island are in small numbers. The best places are at the north end, beside **Chagum Pond or on the sandy spit to North Light**. A second spot, especially from full to half-tide, is a walk on the west side of the **Great Salt Pond**. Drive in the road just north of Andy's Way — it is signed for the town's transfer station. Park at the road's west end, and walk south through soft sand. Egrets and herons, especially Yellow-crowned Night-Heron, as well as rails and salt-marsh sparrows, can be found around this tidal pond. Occasionally there are Buff-breasted Sandpipers and American Golden-Plovers on the outer beach, but you usually settle for yellowlegs, the more common plovers, and a family of American Oystercatchers. The pine grove at the end of this walk usually has migrants and occasionally roosting night-herons. If you are short on time, take Andy's Way to the edge of the pond, and walk 100 yards north working the spartina grasses for sparrows, rails, and migrant bitterns. A third shorebird/gull area is at the **Coast Guard Station**. Drive out Coast Guard Road checking along the shore; Lesser

Black-backed Gulls and American Oystercatchers are often found here. Walk past the station to a stone breakwater where a variety of shorebirds and gulls rest.

Block Island in the fall is usually good and occasionally spectacular. Six migration patterns pass by, each with birds heading for different wintering grounds. The Audubon Society of Rhode Island (401-949-5484) has a trip to the island the first weekend in October each year; many smaller groups come from bird clubs across New England and New York. You can average over 125 species (from a list of over 265) in a weekend here, and see more individual birds on this weekend than on any other in New England during the year. In 35 years, no two weekends have been the same, and none have disappointed me. See you on Block Island this fall! 🦅

**Bob Fox**, a resident of North Andover, Massachusetts, has been an active birder since his college days. He has led trips on Block Island for the Audubon Society of Rhode Island since 1962. In addition, he has led trips for a number of groups in New England and has been a leader in the South Shore Bird Club and Nuttall Ornithological Club. He and his wife, Dana Duxbury-Fox, have birded together across the United States, Hawaii, Central America, England, and China, and look forward to more trips with friends in the coming years.



# FIELD NOTES

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## Inland Sighting of Black-legged Kittiwakes

*Marjorie W. Rines*

The weather in late October 1999 had been unusually pleasant, and the forecast for October 30 promised more of the same. When I woke up, however, there was a dense fog, so I postponed my planned visit to Arlington Reservoir and poked around in some of the local thickets waiting for the fog to lift. When I found two redpolls foraging nearby, I called my friend Renee LaFontaine to come over and enjoy them with me. Around 10 o'clock we decided to go over to the reservoir to check it out.

The fog was just starting to lift when we arrived, and by the time we had walked halfway around, we could see almost all the way across. I noticed a tightly bunched flock of eleven gulls in the middle of the deepest section, and raised my binoculars. The birds were ruffling their wings and bobbing up and down, possibly bathing. From the buoyant posture in the water and the dark smudge behind the eye, it was obvious that these were not Ring-billed Gulls.

"Bonaparte's!" I announced. Bonaparte's Gull (*Larus philadelphia*) was the obvious choice for a flock of hooded gulls. While this species is rare inland, individuals and small flocks are occasionally seen. Renee is relatively new to birding, and took my word for it. We watched them for a while, and then went to the car to pick up the telescope for a better view.

This is the embarrassing part, because I continued to think first-winter Bonaparte's, even with a better view. I eliminated both Black-headed (*L. ridibundus*) and Little (*L. minutus*) gulls, but did not consider any others. I was not wholly comfortable with the look of these birds, but we agreed to consult the field guide when we returned to the cars. In the meantime, we reviewed the field marks verbally. "Look at that strong black bar on the wing," I said, "and look at that black on the nape."

We got back to the cars, but completely forgot to consult the field guide. It wasn't until a few hours later that I remembered to do so. I opened my book, looked at Bonaparte's, and realized something was really wrong. I leafed through the gulls, puzzled. When I got to the kittiwakes, I stopped dead, and a creeping feeling of idiocy came over me. I had just blown off a flock of inland Black-legged Kittiwakes (*Rissa tridactyla*) as Bonaparte's Gulls.

Cursing myself for sloppy birding, I rushed back to Arlington, but when I got there around 2:00 the flock was gone. I scanned every gull, and — thank heaven — a single bird remained. I studied it carefully, making written notes and looking for pertinent field marks. It seemed quite content to simply sit there, no longer in the middle of the pond, but resting at the edge of a small island with the Ring-billed Gulls. At one point a family came to feed the ducks, and when they tossed food into the water, all the gulls lifted in

the air to try to steal some food. The kittiwake was not interested in the food, but lifted briefly with the rest of the gulls, probably startled by the sudden movement.

I went home to pick up my digital camera and, on second thought, grabbed a loaf of bread. I returned to the reservoir, and was able to photograph the kittiwake through the lens of my telescope; hardly award-winning photographs, but clearly recognizable. I used the loaf of bread to lure the gulls into lifting off the island again, and it worked. The Ring-bills rushed in to grab the bread, and the kittiwake lifted long enough for me to get an excellent view of the distinctive wing pattern: a black "M" formed across its wings, with no black trailing edge, as there would have been in a first winter Bonaparte's Gull.



Digital image by the author of Black-legged Kittiwake at Arlington Reservoir, taken with a Sony Mavica digital camera, through the zoom eyepiece of a Swarovski telescope

It's difficult to imagine what these birds were doing ten miles inland following several days of exceptionally nice weather. Black-legged Kittiwakes are pelagic birds, and I have only been able to discover three inland records in the state, all reports of single birds. In *Birds of Massachusetts* Veit and Petersen report an individual shot in Bridgewater November 13, 1909, and Seth Kellogg (editor of *Bird News of Western Massachusetts*) tells me of two reports in the western part of the state: an individual in Holyoke on October 27, 1942, and a more recent report of an individual at Onota Lake in Pittsfield on November 9, 1997. There are no records of multiple Kittiwakes at inland locations in Massachusetts. 🐦

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## ABOUT BOOKS: Looking Back

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(Bird Observer continues its series celebrating the books that have inspired, delighted, or enlightened our book reviewers.)

### Books That Influenced My Life

*William E. Davis, Jr.*

When I was a small boy my father would read to me in the evenings — natural history and adventure books — titles such as Jim Corbett's *Man-eaters of Kumaon* (1946, Oxford, UK), Patterson's *The Man-eaters of Tsavo* (1927, MacMillan, New York), Theodore Roosevelt's *African Game Trails* (1909, Sundial, New York), all of Carl Akeley's marvelous African adventure stories, and the euphonious words of William Beebe all drift up from my long-term memory. My father had been interested in natural history, and particularly in birds, from an early age — he got his first bird book in 1907 at age six, Chester Reed's little oblong *Bird Guide: Land Birds East of the Rockies* (1906, Doubleday, New York) and thus natural history and birds became a part of my awareness as I began to think about the world.

From the sixth grade through high school I attended Belmont Hill School, and one of the requirements of that attendance was to read at least four books every summer (yes, we were tested on them each fall). All the books that I read concerned natural history with an emphasis on birds. By far the most influential with me were the long series of books by William Beebe, the research director of the New York Zoological Society. Beebe's first book, *Two Bird Lovers in Mexico* (1905, Houghton, Mifflin, Boston) was autobiographical (as were virtually all his books) and related his adventures riding horseback and camping through the wilds of Mexico with his young bride. Another book, *Pheasants Jungles* (1927, G. P. Putnam's Sons, New York) told of his 17 months in the far East during which he collected natural history data in the Himalayas and the jungles of the Indian subcontinent and southeast Asia for his two-volume monograph *Pheasants: Their Lives and Homes* (1931, Doubleday, New York). A series of books (e.g., *Edge of the Jungle* (1921, Henry Holt, New York), and *High Jungle* (1949, Duell, Sloan and Pearce, New York), often compendia of essays previously published in the magazines *The Atlantic Monthly* and *Harper's*) dealt with his various expeditions into the rain forests of British Guiana and Venezuela. The focus of the books ran the gamut from botany to microbes and mammals, but all contained chapters on birds. I have since spent many happy months in Central and South America birding and doing research on birds. For the past eight years I have traveled to the rain forests of Amazonian Peru to give workshops on birds, sponsored by Children's Environment Trust, for American junior-high school students. I trace my keen interest in tropical American birds directly to the many wonderful hours of vicarious adventure in the jungles of William Beebe's books. I decided early on that I would be a naturalist of some sort, and this resolve was strongly influenced by William Beebe.

My first actual adventure with tropical American birds was a 1961 trip to Trinidad and Tobago with my father on a birding trip led by C. Russell Mason who had been Executive Director of the Massachusetts Audubon Society during the 1940s and 50s, and whom I knew from the many Sunday birding bus trips that were run by Mass Audubon. The highlight of that trip of many highlights was an afternoon spent at Simla, William Beebe's tropical research station in the Arima Valley of Trinidad, where Beebe spent the last years of his life. We were greeted by an active little old man dressed in khaki who I at first took to be the caretaker. I soon realized that the "caretaker" was William Beebe, my boyhood hero and the man who had been so influential in shaping the future directions of my life. We spent a marvelous afternoon at Simla listening to Beebe, in a fervent gush of retrospection, relate adventure after adventure from his long life of expeditions to remote and fascinating places — I watched my first White Hawk soar overhead as Beebe talked about Trinidad and its birds. Years later I wrote about William Beebe and that afternoon ("Simla," *Naturalist Magazine*, 1985, 6(3):11) of many recollections.

One book stands out above all others in significance in its influence on fostering my obsession with birds. That book was Roger Tory Peterson's *Birds Over America*, first published by Dodd, Mead & Company in 1948. It remains as refreshing and compelling to me today as it did on my first reading about a half a century ago. The book consists of a compendium of short chapters many of which relate Peterson's personal experiences with bird watching, and the pantheon of interesting people that he met along the way. Some of the chapters relate birding experiences in Massachusetts, and the people he describes were people that I knew, or at least knew of. Ludlow Griscom, the legendary master of instant field identification of birds, was the focus of several chapters and as a small boy my father and I had encountered Griscom on several occasions when we crossed paths with Griscom and his entourage. I remember particularly Griscom coming to a gathering of Cape Campout participants and handing around a large alcid, sans head, for identification, and another instance when he identified, with a great theatrical performance, an immature Common Murre before an audience of eager birders at Cape Ann on one of the Massachusetts Audubon bus trips. I could relate to the awe with which Peterson portrayed Griscom, and I was very excited reading Peterson's well-written tales. They elicited from me the thrill-of-the-chase response that made birding in those days a thrilling event for me, and really hooked me on birds and birding. I also hold that book responsible for my decision, many years later, to embark on a long and rewarding project — writing a biography of Ludlow Griscom (*Dean of the Birdwatchers: A Biography of Ludlow Griscom*, 1994, Smithsonian Institution Press, Washington, D.C.). Compiling the information for the biography gave me an opportunity to meet and get to know some remarkable people in the world of birds, including Roger Tory Peterson. *Birds Over America* was reprinted a few years ago, and I would still recommend it as a must read for anyone already interested in birds, or as a gift to prompt an interest in birds.

The last of my "influential bird books" is not one that is easy reading, or one that I might recommend to everyone. Erwin Stresemann's *Ornithology from Aristotle to the Present* was written in the late 1940s in a shattered and battered post-WW II Germany. An English translation, edited by William Cottrell, was published by Harvard University Press in 1975. The translated version included a 32-page epilogue with an additional 10

pages of references — *Materials for a History of American Ornithology* — written by Ernst Mayr, who had been mentored by Stresemann, and is perhaps the most influential evolutionary biologist of the twentieth century, and a prominent philosopher and historian of science. I have always been interested in history and reading this rather academic historical account of birds and ornithology stimulated an apparently latent interest. The epilogue by Mayr certainly made it clear to me that the history of North American ornithology was a wide-open field. I credit this book for stimulating me to undertake the writing of *History of the Nuttall Ornithological Club 1873-1986* (1987, NOC, Memoir 11), for the Griscom biography, and for coediting the Memoir series for the NOC, and the series *Contributions to the History of North American Ornithology* (Davis and Jackson 1995, NOC, Memoir 12, and Davis and Jackson, in press, NOC, Memoir 13).

I am by training a paleontologist, but soon after finishing graduate school I decided to forsake long-dead animals and turn my professional research attention to the birds that had become my hobby and my passion. The books that I have discussed had an enormous effect on the direction of my personal and professional life. In this era of television and the internet, I can only hope that people do not neglect the importance and potential impact of a good book. 

**William E. Davis, Jr.**, is a member of the *Bird Observer* editorial board and a professor at Boston University.



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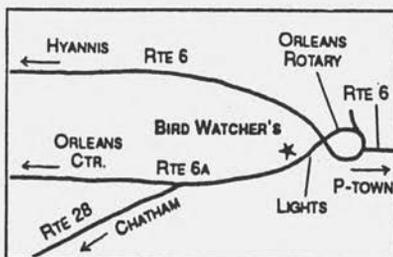
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# BIRD SIGHTINGS

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September/October 1999

*Jim Berry, Seth Kellogg, Simon A. Perkins, Marjorie W. Rines, and Robert H. Stymeist*

The weather highlight, especially for birders, was the anticipation of Hurricane Floyd in mid-September. Although there was so much hype in the media, the storm was downgraded before hitting New England, but nonetheless produced several interesting avian specialties along the coast and even in some inland locations. The strongest gusts were noted in the extreme southeastern areas of the state and the heaviest flooding in the west, where storm totals exceeded nine inches in many western Massachusetts communities. The center of Floyd passed in the very early morning of September 17 heading northeast through central Massachusetts just to the west of Worcester.

On the average September was very warm, cloudy with much more rain than normal, while October brought cool temperatures, some heavy rain, but the usual bright blue weather, with sunshine totaling 64 percent of possible. In September there were no temperature records broken but six days topped 80 in Boston. The mercury averaged 67.1 in Boston, 2.3 above normal and tied with 1945 as the ninth warmest in 129 years. The high reached 87 on September 3. October's temperature averaged 53, 1.8 below normal. No temperature records were broken and just eleven days averaged above normal. The high was 75 in Boston on the 17th and the low was 35 on the 19th and 28th. Frost was recorded much earlier west of Boston.

Rainfall totaled 9.86 inches in September, 6.80 inches more than normal in Boston, much of that from the remnants of Hurricane Floyd and another storm on the 10th. The Hurricane dumped much more rain in western Massachusetts. The month was the third wettest September in 129 years of record for Boston, and the wettest since 10.94 inches in 1933. In October rain totaled 4.30 inches in Boston, an inch more than normal. R.H.S.

## LOONS THROUGH ALCIDS

It was a season of continued drought, which resulted in some westward shifting of stopover locations for southbound migrants. Some inland records were set, especially in western Massachusetts. Tropical storm Floyd, which tracked through Worcester County, added to the deposition of littoral species inland. In this our first statewide report of the fall migration, we are able to provide a broader perspective on bird movements among such families as waterfowl, raptors, and shorebirds that was lacking until now in these pages. Readers in eastern New England are encouraged to study the reports from the western half of Massachusetts and become familiar with the place names frequently used.

A **Pacific Loon** at Rockport was one of an increasing number of substantiated reports in recent years, and on the early side. The loyal, if lost, **Eared Grebe** returned to Niles Beach in East Gloucester for the fifth consecutive year. At least it is lost consistently. Warmer-than-usual ocean temperatures brought impressive numbers of Cory's Shearwaters to Massachusetts waters, or kept them there from the summer; they continued to be seen even from Cape Ann into late September. The numbers of Greater Shearwaters often reached quadruple digits from Cape Ann to Provincetown. Tropical storm Floyd in mid-September brought welcome sightings of Leach's Storm-Petrels to near-shore waters, but the sighting of one from Gloucester September 30 was fortuitous.

Heron reports dotted central and western Massachusetts this fall, as birds took advantage of the more concentrated food supplies in shrinking inland water bodies; a Snowy Egret in Longmeadow was the first September report since 1992 for western Massachusetts. Eight American Bitterns on Plum Island October 17 were an encouraging count. Cattle egrets, in contrast,

were few in number and limited to Essex County. This species has been declining in New England throughout the 1990s. Glossy Ibis reports were almost nonexistent.

**Greater White-fronted Goose** reports from Plum Island and West Newbury were almost certainly of the same bird, and were the only reports. For the second consecutive October, most of the big Snow Goose flights were observed at or near the coast, which is the reverse of the usual trend; see last year's September/October summary for a discussion of this phenomenon. Strangely, Brant showed the opposite trend, with Granville hawk-watchers finding flocks of 90, 80, and 65 migrating overhead on three dates between October 12 and 24. Large flocks inland have rarely been reported, and not since the early 1970s had flocks of that size been observed in fall in western Massachusetts. However, 1999 was the first year with continuous full-time hawk-watch coverage at Granville, so it is possible that the phenomenon is not as rare as we think. "Richardson's" (*hutchinsii*) Canada Geese are rarely reported from New England, so a report of **three** at Great Meadows NWR was remarkable.

Whooper Swans maintain their exotic toehold in Essex County and nearby Rockingham County, New Hampshire; birders should remember that these birds are of captive origin and are not an established wild population. One pair of these escaped swans nested successfully in Ipswich in 1996, 1997, and 1998, which explains why as many as a dozen have been found on occasion, but the pair was captured and neutered in 1999 by MDFW to mitigate the spread of this artificially introduced species. Meanwhile, two of the original male birds continue to "waste their genes" by remaining with their adopted Mute Swan families in Ipswich, while another in Newmarket, New Hampshire, on Great Bay, has similarly adopted a human family, attacking all other humans with the nerve to invade his "family's" territory – including the birder who rents an apartment there!

The single **Eurasian Wigeon** report came from West Barnstable, while Worcester County's perennial drake **Tufted Duck** returned to Sterling for the fifth straight year. Two Redheads seemingly overcame the species' dislike of Essex County and settled into Cherry Hill Reservoir in West Newbury for at least 11 days, while three more were early in Richmond. Berkshire County had the most Lesser Scaup in October since 1989. But one of the big stories on ducks was the number of drought-related inland records for some species. Note especially the numbers of Green-winged Teal at Great Meadows NWR and Longmeadow; 100 at the latter location constituted the largest flock in the area since 1988. Black Scoters from Quabbin west, particularly the 200 on Onota Lake in Pittsfield, were actually fewer than normal, but eastern readers should be aware that scoters, especially Black Scoters, often put down on inland lakes in migration, and that Onota Lake is one of the best spots for sea ducks anywhere in inland New England. (See "Waterfowl in the Berkshires," by Bartlett Hendricks, *Bird Observer*, Vol. 20 No. 5, Oct. 1992.) Surf Scoters, on the other hand, were unobserved in western Massachusetts in October for the first time since 1982.

A Common Goldeneye at Wachusett Reservoir on September 17 and a Common Merganser at Daniel Webster Wildlife Sanctuary September 19 were early, while several of the latter species in Holyoke and South Hadley the first week of September may have been residents. The other big duck story is the explosion of fall Ruddy Ducks in recent years, which continued unabated this year. The numbers just keep increasing, so the species is either doing exceptionally well or changing its migratory pathways.

The year 1999 was the first for continuous hawk-watch coverage at Blueberry Hill in Granville and the first for consolidated records in *Bird Observer*, so attention is drawn to the numbers from that site as well as from the more eastern ones. Perhaps as a consequence of the greater coverage, the seasonal total of Ospreys there was higher than ever before in western Massachusetts, as were the totals for Cooper's Hawk, American Kestrel, and Merlin. The 632 kestrels were the most ever in inland New England. The totals from the same location for Sharp-shinned Hawk and Northern Goshawk were on the high side; those for Red-shouldered and Red-tailed Hawks were average; and that for Broad-winged Hawk was low, as were their numbers at the two primary Worcester County sites, Mounts Wachusett and Watatic. Five Golden Eagles state-

wide were more than average. On the spectacular side were a light-morph **Swainson's Hawk** at Mt. Watatic and a dark-morph Red-tailed Hawk in Northampton, a very rare form in New England. Peregrine Falcon reports actually outnumbered those for Merlin statewide, reflecting the national trend that contributed to their federal de-listing in 1999. (They remain on the endangered list in Massachusetts.)

A Ruffed Grouse drumming in Sharon on October 6 showed that testosterone can flow at any time of year. Eleven Wild Turkeys on the Vineyard were evidence that their recent reintroduction there is succeeding, even if the birds tend to attack cars, people, buildings, and so forth. Two Northern Bobwhites at Daniel Webster may have reflected the established, if declining, population in southeastern Massachusetts, but one in Newton was more likely released, as are almost any found west and north of Boston. Late finds were a Clapper Rail on Plum Island October 17 and a Common Moorhen in South Egremont the same day. South Egremont is one of the very few known inland breeding locations in Massachusetts over the last decade for this locally declining species.

Faced with the summer drought, shorebirds migrating inland were forced to concentrate at the last water bodies to dry up. One of these locations, Great Meadows NWR in Concord, attracted some birds not often reported from there, such as Hudsonian Godwits, White-rumped and Baird's Sandpipers, Dunlin, and a Red Phalarope. The latter is the least frequently seen inland of the three phalarope species, but this bird represented at least the fifth record for the locale. Some of these birds coincided with tropical storm Floyd, others not. A Whimbrel at Granville was only the 16th record ever for western Massachusetts; a Stilt Sandpiper in Hadley only the 12th; a Dunlin in Northampton only the 2nd since 1994. Western Sandpipers made a good showing in many coastal locations, but the star of the show was an adult **Red-necked Stint** at South Beach, Chatham, September 5-13, remarkable for being the third to be documented in the state within a year! A Least Sandpiper October 28 in New Salem was the second-latest on record for western Massachusetts, while two Purple Sandpipers on Nantucket October 1 must have been in a hurry to get to a warmer place than wherever they came from. A juvenile Ruff, an age seldom found in New England, was well-documented at Fort Hill, Eastham September 12.

A **skua species** was a rare treat from land at Rockport September 6, as was an adult **Long-tailed Jaeger** from Provincetown, found ten days later by the same observer. Notable gulls were a Little on Plum Island, 7 or 8 Black-headed up and down the coast, a phenomenal total of 1870 Bonaparte's at Lynn, up to nine Lesser Black-backs (typically only one north of Boston), and six **Sabine's**, with three on one trip (!) to Stellwagen September 14 and two others seen from land on Cape Cod. Tropical storm Floyd brought a Laughing Gull and a Forster's Tern to Wachusett Reservoir and some fancy terns to southeastern Massachusetts: a dozen **Royals**, mostly in Edgartown on the Vineyard; at least ten **Sandwich**, also in Edgartown; three **Bridleds** in Edgartown and Eastham; and as many as six **Sootys** on Cape Cod. Caspian Terns were found in excellent numbers through the first week of October, including two at Great Meadows NWR. Interestingly, six **Sandwich Terns** were found on the Vineyard and in Dartmouth prior to tropical storm Floyd. Fifty-three Forster's Terns in Newburyport Harbor were probably a record number for the location, while a Black Tern at Turners Falls was only the 5th western Massachusetts record since 1985, in contrast with 155 of them at Chatham at the time of tropical storm Floyd.

One of the most phenomenal events of the period was the documented discovery of eleven Black-legged Kittiwakes inland at Arlington Reservoir in **Arlington** on October 30 following a night of heavy fog. Alcids trickling down from their northern haunts in October included an **Atlantic Puffin** seen from Rockport October 4. Recent sightings of this species in late summer and fall may be related to puffin reintroduction programs in the Gulf of Maine. J.B.

Red-throated Loon			10/21	Stellwagen	1200	P. Trull	
10/3	Scituate	1	SSBC (D. Furbish#)	10/23	Truro	200	B. Nikula
10/3	Salisbury	1	M. Resch	10/23	P'town	250	B. Nikula
10/4	Rockport (A.P.)	7	R. Heil	10/23	Rockport (A.P.)	200	J. Soucy
10/17	P.I.	11	M. Lynch#	Sooty Shearwater			
10/19	Duxbury B.	2	D. Furbish	9/4	Stellwagen	12	S. Leonard#
10/24	Ipswich	7	BBC (J. Nove)	9/5	off Chilmark	1	A. Keith#
10/31	Cape Ann	33	R. Heil	9/11	Stellwagen	30	N. Samson
<b>Pacific Loon</b> (details submitted) *				9/16	P'town (R.P.)	11	R. Heil
10/4	Rockport (A.P.)	1	R. Heil	9/17	Eastham (F.E.)	1	W. Petersen#
Common Loon				9/19	10 m E. of Chatham	2	S. Perkins#
9/3	Falmouth	7	R. Farrell	10/10	Stellwagen	3	R. Lockwood#
9/5, 10/7	P.I.	7, 24	R. Heil	10/23	Rockport (A.P.)	1	J. Soucy
9/18	Randolph	1	G. d'Entremont	Manx Shearwater			
9/18	Westminister	2	E. Taylor	9/5	off Chilmark	3	A. Keith#
9/19	E. of Monomoy	42	S. Perkins#	9/12, 22	Rockport (A. P.)	2, 6	J. Soucy
9/20	GMNWR	2 migr.	S. Perkins#	9/14	Stellwagen	6	B. Nikula
9/26	Gardner	5	T. Pirro	9/17	Eastham (F.E.)	1	W. Petersen#
10/4	Rockport (A.P.)	222	R. Heil	9/19	E. of Chatham	7	S. Perkins#
10/10	Barnstable	18	R. Lockwood#	10/3	Stellwagen	10	v.o.
10/11	Wachusett Res.	7	M. Lynch#	10/4, 18	Rockport (A.P.)	5, 2	R. Heil
10/30	S. Quabbin	8	M. Lynch#	10/18	Dennis	2	K. Hamilton
Pied-billed Grebe				10/23	Truro	1	B. Nikula
9/6	Acoaxet	11	M. Lynch#	large shearwater species			
9/18	Nantucket	4	E. Ray	9/18	Eastham (F.E.)	15+	B. Nikula
9/19	S. Monomoy	3	S. Perkins#	10/23	Truro	1400	B. Nikula
9/26	Worcester	9	M. Lynch#	10/23	P'town	500	B. Nikula
10/6	Cheshire	9	E. Neumuth	Wilson's Storm-Petrel			
10/9	Canton	8	D. + S. Larson	9/17	Eastham (F.E.)	1	B. Nikula#
10/10	Braintree	12	K. Vespaziani	Leach's Storm-Petrel			
10/16	Randolph	12	G. d'Entremont	9/16	P'town (R.P.)	1	R. Heil
10/16	Wakefield	8	P. + F. Vale	9/17	Eastham (F.E.)	8	W. Petersen#
10/23	Lynnfield	6	P. + F. Vale	9/17	Chatham	1	R. Heil#
10/28	Essex Co.	20	J. Berry#	9/17	Orleans	4	B. Nikula#
Horned Grebe				9/30	Gloucester (E.P.)	1	R. Heil
10/18	Gloucester	3	P. Akers	Northern Gannet			
10/26	Nahant	17	R. Heil	9/18, 30	Rockport (A.P.)	720, 1230	R. Heil
10/28	Quabbin (G22)	11	B. Lafley	9/18, 10/19	Eastham (F.E.)	90, 1800	B. Nikula
10/28	Montague	2	B. Lafley	9/30	Gloucester	270	R. Heil
10/28	Ludlow	3	H. Allen	10/4, 18	Rockport (A.P.)	3700, 3100	R. Heil
10/28	New Salem	11	B. Lafley	10/17	P.I.	200+	M. Lynch#
10/30	Waltham	1	M. Rines	10/18	Dennis	325	K. Hamilton
Red-necked Grebe				10/21	Stellwagen	1500	P. Trull
9/18, 10/18	Rockport (A.P.)	2, 9	R. Heil	10/23	Duxbury B.	90+	D. Furbish#
9/19	Chatham	1	S. Miller#	10/23	P'town	800	B. Nikula
10/19	Eastham (F.E.)	4	B. Nikula	10/26	Nahant	25	R. Heil
10/23	Lincoln	1	M. Rines	Great Cormorant			
10/29	Plymouth B.	13	M. Faherty	9/6	Gloucester (E.P.)	1 imm	R. Heil
<b>Eared Grebe</b> *				9/6	Rockport (A.P.)	1 imm	R. Heil
9/24-10/30	Gloucester (E.P.)	1	J. Soucy + v.o.	9/9	Manomet	2	W. Petersen
Northern Fulmar				10/4	Rockport (A.P.)	11 imm	R. Heil
9/25	Stellwagen	2	SSBC (D. Clapp)	10/24	Ipswich	46	BBC (J. Nove)
10/4	Rockport (A.P.)	14	R. Heil	10/29	Manomet	25	M. Faherty
10/9	N. Stellwagen	5	BBC (E. Tarry)	10/31	Cape Ann	92	R. Heil
Cory's Shearwater				Double-crested Cormorant			
9/2, 22	Rockport (A.P.)	25, 25	J. Soucy	9/4	Northampton	45	T. Gagnon
9/6	Gloucester (E.P.)	9	R. Heil	9/15	DWWS	860	D. Furbish
9/15	Stellwagen	10	R. Stymeist	9/19	Saugus	900 migr	D. + I. Jewell
9/16	P'town (R.P.)	49	R. Heil	9/19	P.I.	1850	R. Heil
9/17	Eastham (F.E.)	4	W. Petersen#	9/27	Newbury	1360	R. Heil
9/19	E. of Chatham	4	V. Laux#	10/3	Newbypt	1180 migr	R. Heil
10/5	Nantucket	2	J. Hoye#	10/9	Essex	400	J. Berry
10/18	Dennis	2	K. Hamilton	10/15	Avon	496 migr	R. Titus
Greater Shearwater				10/16	Squantum	800	G. d'Entremont#
9/6, 30	Cape Ann	993, 1420	R. Heil	10/16	Norwood	450	G. Long
9/14	Stellwagen	550+	B. Nikula	10/17	Newbypt H.	421	M. Lynch#
9/16	P'town (R.P.)	1200	R. Heil	10/24	Boston (Fens)	486	BBC (R. Stymeist)
9/17	Orleans	20+	B. Nikula#	American Bittern			
9/17	Eastham (F.E.)	12	W. Petersen#	9/1	GMNWR	2	R. Lockwood
9/18	Chatham (S.B.)	15+	B. Nikula	9/19	S. Monomoy	1	V. Laux#
9/19	E. of Chatham	200	S. Perkins#	9/26	Dorchester	1	R. Donovan
10/18	Dennis	42	K. Hamilton	10/3	GMNWR	1	J. Mullen

American Bittern (continued)								
10/7	E. Boston (B.I.)	1	G. Wood	9/19	Rowley	8	R. Heil	
10/17	P.I.	8	M. Lynch#	9/25	Mt. Watatic	7	EMHW (P. Staub)	
10/24	Eastham (F.H.)	7	M. Sylvia	10/3	Newbury	6	migr	J. Berry
Great Blue Heron				10/3	Salisbury	7		M. Resch
9/4	GMNWR	44	S. Perkins	10/6, 26	Framingham	7, 5	K. Hamilton	
9/26	Worcester	24	M. Lynch#	10/6	Groton	7	T. Pirro	
9/30	Scituate	34	R. Titus	10/7	Newbypt	18	R. Heil	
10/2	Eastham (F.H.)	69	G. d'Entremont#	10/11	GMNWR	9	migr	S. Perkins
10/6	P.I.	63	W. Drew#	10/11	W. Newbury	23		R. Heil
10/24	Ipswich	13	BBC (J. Nove)	10/17	Ipswich	8	BBC (T. Young)	
Great Egret				10/19	Mt. Watatic	50	EMHW	
9/1	GMNWR	7	D. Lange	10/21	Rochester	6	F. Smith	
9/1, 15	Longmeadow	2, 1	S. Kellogg	<b>Greater White-fronted Goose</b>				
9/6	Acoaxet	11	M. Lynch#	10/11	P.I.	1	ad	R. Heil
9/11	Egremont	1	B. Lafley	10/17-23	W. Newbury	1	L. Ferraresso + v.o.	
9/12	S. Dart. (A.Pd)	50+	B. Nikula#	Snow Goose				
9/13	Rowley	25	J. Berry	10/3	Barnstable	100	J. Hoye#	
9/17	Yarmouthport	23	S. Miller#	10/7	P.I.	145	R. Heil	
9/18	Nantucket	40	E. Ray	10/8	Granville	99	J. Weeks	
9/19	S. Monomoy	23	S. Perkins#	10/8	Hingham	200-250	K. Vespaziani	
10/3	P.I.	85	R. Heil	10/8	Ipswich	75	J. Berry	
10/3	Rowley	60	J. Berry	10/8	Gill	120	B. Lafley	
Snowy Egret				10/8	Scituate	275	migr	J. Center
9/1-7	Longmeadow	1	S. Kellogg	10/9	P.I.	480	M. Resch#	
9/2	Woburn	1	M. Rines	10/9	Marshfield	275	BBC (J. Center)	
9/11, 10/3	P.I.	220, 80	R. Heil	10/9	W. Newbury	185+	P. + F. Vale	
9/13	Rowley	26	J. Berry	10/9	Essex	350+	J. Berry	
9/24	Falmouth	32	R. Farrell	10/11	GMNWR	19	migr	S. Perkins
9/26	Squantum	15	G. d'Entremont#	10/12	Chesterfield	22	R. Packard	
10/2	WBWS	3	G. d'Entremont#	10/12	Worc. (BMB)	55	J. Liller	
10/3	Rowley	18	J. Berry	10/19	Deerfield	1	R. Packard	
10/11	E. Boston (B.I.)	6	A. Joslin	10/31	P.I.	2	P. + F. Vale	
Little Blue Heron				Canada Goose				
9/2	P.I.	5 ad	S. Leonard	10/11	GMNWR	1373	S. Perkins	
9/6	Acoaxet	1 imm	M. Lynch#	Canada Goose ( <i>hutchinsii</i> )				
9/18	Chilmark	1	V. Laux	10/17	GMNWR	3	D. Sibley	
Tricolored Heron				Brant				
9/4	Nashon I.	1	A. Lapey#	9/26	Squantum	4	G. d'Entremont#	
9/11	P.I.	1	R. Heil	10/1	Westport	7	E. Nielsen	
Cattle Egret				10/2	Stellwagen	10	J. Berry#	
9/9	Manchester	2	J. Berry	10/12	Granville	90	J. Weeks	
9/11, 18	Newbypt, Essex	1, 1	R. Heil	10/14	Revere B.	200	M. Gonsalo	
10/14	Rowley (P.I.)	1	T. Roberts	10/15	Granville	80	S. Kellogg	
Green Heron				10/16	Squantum	40	G. d'Entremont#	
9/4	Arlington Res.	4	M. Rines	10/24	Granville	65	J. Weeks	
9/4	Worcester	16	M. Lynch#	10/29	Plymouth	150	M. Faherty	
9/4	GMNWR	7	S. Perkins	Mute Swan				
9/8, 15	Melrose	2	D. + I. Jewell	9/1-4	Northampton	7	H. Allen	
9/11	Wellfleet	4	BBC (R. Stymeist)	10/1-3	Nantucket	67	BBC (L. Ferraresso)	
10/2	Northampton	1	R. Packard	10/9-31	Southwick	2	S. Kellogg	
10/17	P.I.	3	P. + F. Vale	10/10-26	Longmeadow	5	N. Eaton	
Black-crowned Night-Heron				10/17	Westport	113	D. + S. Larson	
9/1	GMNWR	10	D. Lange	Whooper Swan				
9/6	Ipswich	15	R. Heil	10/17	Ipswich	1	BBC (T. Young)	
9/15	Longmeadow	4	S. Kellogg	Wood Duck				
9/19	S. Monomoy	38	S. Perkins#	9/1, 19	Petersham	24, 27	B. Lafley	
9/25	Eastham (F.H.)	27	R. Titus	9/4, 12	Wakefield	22, 17	P. + F. Vale	
10/1	Wayland	3	K. Hamilton	10/9	Worcester	74	M. Lynch#	
10/19	Duxbury B.	2	D. Furbish	10/11	Marstons Mills	36+	J. Liller#	
10/24	Eastham (F.H.)	4	M. Sylvia	10/14	Norfolk	30+	M. Grzenda	
10/27	Winchester	1 imm	C. Fox	10/17	Winchester	65	R. LaFontaine	
Yellow-crowned Night-Heron				10/24	Quabbin	31	T. Gagnon	
9/27	MNWS	1 juv	S. Hedman	Gadwall				
Glossy Ibis				9/19	S. Monomoy	15	S. Perkins#	
9/6	Marlboro	1	S. Moore	9/20, 10/11	GMNWR	3, 8	S. Perkins#	
Turkey Vulture				9/21	P.I.	24	W. Drew#	
9/4	Newbypt	7	J. Hoye#	9/25	Newbury	2	P. + F. Vale	
9/8	Westport	8	M. Boucher	10/11	Longmeadow	1	J. LaPointe	
9/12	Milton	16	D. Furbish	10/17	Ipswich	18	BBC (T. Young)	
9/15	Mt. Wachusett	12	P. + F. Vale	10/17, 28	Pittsfield (Onota)	1, 2	T. Gagnon	
9/18	Worcester	11	M. Lynch#	10/22	Waltham	9	M. Rines	
9/18	Mt. Skinner	7	S. Surner	10/23	Worcester	6	M. Lynch#	
				10/24	Camb. (F.P.)	3	J. Barton	

Gadwall (continued)				
10/25-30 Lanesboro (Pont.)	2	E. Neumuth		
10/29 Littleton	2	M. Resch		
10/29 GMNWR	6	R. Lockwood		
<b>Eurasian Wigeon</b>				
10/29 W. Barnstable	1	G. Page		
<b>American Wigeon</b>				
9/8 Longmeadow	1	S. Kellogg		
9/12 P.I.	4	M. Lynch#		
9/12 Arlington Res.	2	M. Rines		
9/19 S. Monomoy	25	S. Perkins#		
9/20, 10/9 GMNWR	12, 24	S. Perkins#		
10/2 Arlington Res.	20+	K. Hartel#		
10/11 Marstons Mills	101	J. Liller#		
10/14 Norfolk	20+	M. Grzenda		
10/16 Worcester	35	M. Lynch#		
10/24 Camb. (F.P.)	18	J. Barton		
10/30 Carver	48	G. d'Entremont#		
10/30 Lanesboro (Pont.)	3	S. Kellogg		
<b>Blue-winged Teal</b>				
9/3 Melrose	6	D. + I. Jewell		
9/3 Cambridge Res.	35	R. Lockwood		
9/6 Acoaxet	9	M. Lynch#		
9/8-10-14 Longmeadow	15-43	S. Kellogg#		
9/11, 25 GMNWR	22, 28	S. Perkins		
9/12 S. Monomoy	25	W. Petersen		
9/12, 10/2 P.I.	8, 9	M. Lynch#		
9/12 Randolph	18	G. d'Entremont		
9/19, 28 Petersham	4, 5	B. Lafley		
9/19 Newbypt	6	R. Heil		
9/26 Northampton	3	T. Gagnon		
9/26 Worcester	5	M. Lynch#		
10/3 Marstons Mills	21	G. d'Entremont#		
10/24 Boston (B.I.)	4	BBC (R. Stymeist)		
<b>Northern Shoveler</b>				
9/19 Chatham (S.B.)	2	S. Perkins#		
9/19 S. Monomoy	10	S. Perkins#		
10/3-31 GMNWR	1-2	S. Perkins + v.o.		
10/7-9 Longmeadow	2	N. Eaton		
10/17 Seekonk	10	D. Zimmerlin		
10/22 Belmont	3	M. Rines		
10/24 Boston (Fens)	3	BBC (R. Stymeist)		
10/25 Lanesboro (Pont.)	1	E. Neumuth		
10/30 Cheshire	1	S. Kellogg		
10/31 P.I.	2	R. Lockwood#		
<b>Northern Pintail</b>				
9/19 S. Monomoy	40	S. Perkins#		
9/19 Chatham (S.B.)	8	S. Perkins#		
9/29, 10/11 GMNWR	25, 67	S. Perkins#		
10/2 Northampton	3	T. Gagnon		
10/3 P.I.	78	R. Heil		
10/10 Arlington Res.	1 m	K. Hartel#		
10/14 Norfolk	1 f	M. Grzenda		
10/26 Longmeadow	1	N. Eaton		
10/28 Belchertown	2	H. Allen		
10/30 Carver	2	G. d'Entremont#		
10/30 Pittsfield (Onota)	1	S. Kellogg		
<b>Green-winged Teal</b>				
9/17, 10/2 GMNWR	350, 1537	S. Perkins		
9/17 Wachuset Res.	72	M. Lynch#		
9/19 Newbypt/P.I.	1350	R. Heil		
9/19 5 m. E. of Chatham	6	S. Perkins#		
9/19 S. Monomoy	475	S. Perkins#		
9/21, 10/6 P.I.	890, 1065	W. Drew#		
9/25 Longmeadow	100	H. Allen		
10/4 Rockport (A.P.)	194	R. Heil		
10/8 Wayland	65	K. Hamilton		
10/11 Marstons Mills	52	J. Liller#		
10/11 Sterling Peat	84	M. Lynch#		
10/22 Arlington Res.	45	T. Mara		
10/31 Marlboro	30	J. Slovin		
<b>Canvasback</b>				
10/20, 27 Camb. (F.P.)	4, 49	J. Barton		
10/22 Arlington Res.	3	M. Rines#		
<b>Redhead</b>				
10/18-28 W. Newbury	2	R. Heil		
10/28-29 Richmond	3	R. Packard		
<b>Ring-necked Duck</b>				
9/19 S. Monomoy	9	S. Perkins#		
9/19 W. Newbury	39	R. Heil		
9/19 Petersham	3	B. Lafley		
10/3 Granville	24	S. Kellogg		
10/8 W. Stoughton	39	D. + S. Larson		
10/11 Wachuset Res.	27	M. Lynch#		
10/11, 27 Cambr. (F.P.)	43, 175	J. Barton		
10/21 W. Newbury	590	R. Heil		
10/22 Arlington Res.	320	T. Mara		
10/28 Essex Co.	250	J. Berry#		
10/30 Pittsfield (Mud Pd)	600	S. Kellogg		
10/31 Marlboro	200	J. Slovin		
<b>Tufted Duck</b>				
10/11-29 Sterling	1 m	F. McMenemy + v.o.		
<b>Greater Scaup</b>				
9/19 S. Monomoy	3	S. Perkins#		
9/19 Newbypt	2	R. Heil		
10/3 Salisbury	8	M. Resch		
10/11 Wachuset Res.	3	M. Lynch#		
10/11 Cambr. (F.P.)	4	J. Barton		
10/16 Randolph	2 f	G. d'Entremont		
10/16 Sterling	15	B. Volkle#		
10/17 Westport	15	D. + S. Larson		
10/23 Lynnfield	24	P. + F. Vale		
10/28 Lanesboro (Pont.)	1	R. Packard		
<b>Lesser Scaup</b>				
9/5 Pembroke	1	W. Petersen		
9/19 S. Monomoy	10	S. Perkins#		
10/10 Quabbin	5	H. Allen		
10/11, 27 Cambr. (F.P.)	2, 1	J. Barton		
10/15 Petersham	1	B. Lafley		
10/17, 30 Cheshire	1	T. Gagnon		
10/23 Lynnfield	4	P. + F. Vale		
10/25 Lanesboro (Pont.)	16	E. Neumuth		
10/26 Worcester	2 f	M. Lynch#		
10/28 Ludlow	6	H. Allen		
10/28 W. Newbury	12	R. Heil		
10/31 Gloucester	6	R. Heil		
<b>King Eider</b>				
10/1 P'town (R.P.)	1 f	D. Comeau#		
<b>Common Eider</b>				
9/26 Rockport (A.P.)	115	R. Heil		
10/19 Duxbury B.	75	D. Furbish		
10/27 Stellwagen	160	P. Trull		
<b>Harlequin Duck</b>				
10/23 Rockport (H.P.)	15	C. Holzapfel		
10/31 S. Boston	1 m	R. Donovan#		
<b>Surf Scoter</b>				
9/1 Gloucester	1 m	N. Mann		
9/12 S. Monomoy	3	W. Petersen		
9/19 Nantucket Sound	5	S. Perkins#		
10/4, 18 Rockport (A.P.)	2800, 800	R. Heil		
10/19 Duxbury B.	70	D. Furbish		
<b>White-winged Scoter</b>				
9/3 Newbypt	15	J. Berry		
9/18 E. Dennis	60+	J. O'Neil		
10/3 Scituate	26SSBC	(D. Furbish#)		
10/3 Salisbury	20	M. Resch		
10/4 Rockport (A.P.)	1120	R. Heil		
10/17 Cheshire	1	T. Gagnon		
10/17 P.I.	57	M. Lynch#		
10/23 Duxbury B.	350+	D. Furbish#		
10/23 Cambridge Res.	2	M. Rines		
10/25 Pittsfield (Onota)	6	E. Neumuth		
10/25 Ware	2	B. Lafley		
10/26 Nahant	950+	R. Heil		
10/29 Littleton	1 f	M. Resch		

<b>Black Scoter</b>			
9/26	Gardner	10	T. Pirro
10/3	Barnstable (S. N.)	200	G. d'Entremont#
10/4	Rockport (A.P.)	1950	R. Heil
10/5, 25	Cambridge Res.	6, 35	M. Rines
10/25	Quabbin Park	75	B. Lafley
10/25	Ware	75	B. Lafley
10/25	Worcester	51	M. Lynch#
10/25	Pittsfield (Onota)	200	E. Neumuth
10/25	Gardner	100	T. Pirro
10/25	Lanesboro (Pont.)	16	E. Neumuth
<b>Oldsquaw</b>			
9/6	Ipswich	1	R. Heil
10/17	Salisbury B.	20	M. Resch
10/24	Rockport (A.P.)	10	P. + F. Vale
10/25	Worcester	2 f	M. Lynch#
10/25	Pittsfield (Onota)	1	E. Neumuth
<b>Bufflehead</b>			
10/25	S. Carver	22	J. Shaw
10/28	Essex Co.	43	J. Berry#
10/29	S. Quabbin	10	H. Allen
10/30	Braintree	50+	S. Carey
<b>Common Goldeneye</b>			
9/17	Wachusett Res.	1	M. Lynch#
10/24	Ipswich	3	BBC (J. Nove)
10/29	Littleton	2	M. Resch
10/30	S. Quabbin	3	M. Lynch#
10/30	Cambridge Res.	2	M. Rines
10/31	Marlboro	3	J. Slovin
<b>Hooded Merganser</b>			
9/5	Paxton	6 imm	M. Lynch#
9/25	GMNWR	3	S. Perkins
10/5	Cambridge Res.	2	M. Rines
10/10	Quabbin	8	H. Allen
10/21	Melrose	8	M. Gonsalo
10/24	Worcester	23	M. Lynch#
10/30	Braintree	10+	S. Carey
10/30	Winchester	26	C. Fox
<b>Red-breasted Merganser</b>			
10/3	Scituate	9	SSBC (D. Furbish)
10/11	Wachusett Res.	2 f	M. Lynch#
10/23	Duxbury B.	230	D. Furbish#
10/29	Worcester	1 f	M. Lynch#
10/31	Quabbin	2	T. Gagnon
<b>Common Merganser</b>			
9/3	Holyoke	2	H. Allen
9/4	S. Hadley	9	T. Gagnon
9/19	DWWS	7	G. d'Entremont
10/1	New Salem	35	B. Lafley
10/25	Waltham	9	M. Rines
10/29	Littleton	16	M. Resch
10/29	Worcester	9	M. Lynch#
10/30	S. Quabbin	27	M. Lynch#
<b>Ruddy Duck</b>			
10/6	W. Newbury	122	R. Heil
10/11	Cambr. (F.P.)	40	J. Barton
10/16	Randolph	33	G. d'Entremont
10/21	W. Newbury	435	R. Heil
10/23	Lynnfield	10	P. + F. Vale
10/23	Pittsfield (Onota)	3	T. Collins
10/23	Lincoln	72	M. Rines
10/23	Lanesboro (Pont.)	3	T. Collins
10/25	Waltham	38	M. Rines
10/27	Cambr. (F.P.)	277	J. Barton
10/27, 29	Littleton	185, 345	M. Resch
10/28	Essex Co.	750	J. Berry#
10/30	Melrose	76	P. + F. Vale
10/30	Braintree	300+	S. Carey
10/30	Plymouth	31	G. d'Entremont#
10/31	Gloucester	24	R. Heil
10/31	Marlboro	200	J. Slovin
10/31	Southwick	2	H. Allen
<b>Osprey</b>			
9/2-10/24	Granville	284	fide S. Kellogg
9/12-26	Mt. Watatic	101	EMHW
9/12-26	Mt. Wachusett	76	EMHW
9/14-10/2	Gardner	28	T. Pirro
9/17-26	Lancaster	31	EMHW
9/19	Mt. Holyoke	6	S. Moore#
9/19	Mt. Tom	18	T. Gagnon
9/19	Lancaster	16	EMHW (B. Kamp)
9/23	Arlington	7	K. Hartel
9/26	Lancaster	8	EMHW (B. Kamp)
10/6	W. Newbury	13	R. Heil
10/11	GMNWR	6 migr	S. Perkins
10/22, 31	Wayland	4, 1	K. Hamilton
10/31	Worcester	2	M. Lynch#
<b>Bald Eagle</b>			
9/2-10/27	Granville	25	fide S. Kellogg
9/3, 24	Groton	1, 1	T. Pirro
9/11-24	Mt. Wachusett	13	EMHW
9/11-25	M. Watatic	10	EMHW
9/11	HRWMA	1 ad	J. Barton#
9/17	Turners Falls	1	M. Taylor
9/18, 10/2	Gardner	4, 2	T. Pirro
9/18	Worcester	1 imm	M. Lynch#
9/18	Mt. Skinner	3	S. Sumner
9/18	Lancaster	4	ENHW (B. Kamp)
9/19	S. Monomoy	1 imm	V. Laux#
9/19	Barre F.D./Rutland SP	2	M. Lynch#
9/19	Mt. Watatic	3	EMHW
9/19	Mt. Tom	6	T. Gagnon
9/25	Worcester	1 imm	M. Lynch#
9/25	GMNWR	2	G. Wood
10/1, 8	Wayland	1, 2	K. Hamilton
10/3	Newbypt	2 imm	R. Heil
10/8	Gill	1	B. Lafley
10/28	New Salem	1	B. Lafley
<b>Northern Harrier</b>			
9/1-10/30	Granville	71	fide S. Kellogg
9/12-26	Mt. Wachusett	31	EMHW
9/13	Rowley	4	J. Berry
9/18	Mt. Tom	5	T. Gagnon
9/18, 18 Mt.	Watatic	3, 17	EMHW
9/25, 10/10	GMNWR	7 migr, 10 migr	S. Perkins
9/25	P.I.	6	P. + F. Vale
9/25	Malden	6	EMHW (C. Jackson)
9/26	Lancaster	11	EMHW (B. Kamp)
9/29	W. Bridgewater	2	M. Faherty
10/1, 2	Granville	6, 8	fide S. Kellogg
10/3	Bolton Flats	2	M. Lynch#
10/6	W. Newbury	5 imm	R. Heil
10/7	Newbypt-P.I.	16 imm	R. Heil
10/9	Marshfield	2	BBC (J. Center)
10/31	DWWS	4	M. Emmons
<b>Sharp-shinned Hawk</b>			
9/1-10/31	Granville	1047	fide S. Kellogg
9/11-25, 26 Mt.	Wachusett	139, 92	EMHW
9/11-25, 26	Worcester	10	M. Lynch#
9/11	HRWMA	8	J. Barton#
9/11	Mt. Watatic	166, 68	EMHW
9/12	Eastham (F.H.)	12	D. + S. Larson
9/19	Mt. Holyoke	11	S. Moore#
9/19	Barre F.D./Rutland SP	9	M. Lynch#
9/25	Malden	45	EMHW
9/26	N. Adams	45	R. Rancatti
9/26	Lancaster	41	EMHW (B. Kamp)
10/1	N. Adams	36	R. Rancatti
10/6	W. Newbury	51	R. Heil
10/7	Newbypt	14	R. Heil
10/19	Mt. Watatic	60	EMHW
10/21, 24	Gardner	47, 25	T. Pirro
<b>Cooper's Hawk</b>			
9/1-10/29	Granville	94	fide S. Kellogg
9/11-10/19	Mt. Watatic	16	EMHW

Cooper's Hawk (continued)			
9/11	Wellfleet	3	BBC (R. Stymeist)
9/13-26	Mt. Wachusett	21	EMHW (S. Leonard)
9/14	Gardner	2	T. Pirro
9/18	DWWS	2	SSBC (D. Furbish#)
9/18	Mt. Skinner	2	S. Surner
9/19	Mt. Holyoke	2	S. Moore#
9/26	Cumb. Farms	3	imm f M. Maurer#
10/3	Bolton Flats	2	M. Lynch#
10/5	Groton	3	T. Pirro
10/6	W. Newbury	2	R. Heil
10/11	GMNWR	11	migr S. Perkins
Northern Goshawk			
9/11	HRWMA	1	imm J. Barton#
9/11, 18	Mt. Tom	1, 1	T. Gagnon
9/12	Mt. Wachusett	1	EMHW
9/18	Gardner	1	T. Pirro
9/19	Mt. Holyoke	1	S. Moore#
9/25, 10/19	Mt. Watatic	1, 4	EMHW (P. Staub)
9/26	Dorchester	1	R. Donovan
10/2	Orange	1	ABNC (D. Small#)
10/3	Cumb. Farms	1	ad M. Faherty
10/8	Brockton	1	M. Faherty
10/2-31	Granville	7	fide S. Kellogg
10/13, 15	Groton	1	ad T. Pirro
10/16	Burlington	1	M. Rines
10/17	Cheshire	1	T. Gagnon
10/18	W. Bridgewater	1	S. Arena
10/22	Weston	1	W. Petersen
10/24	Southwick	1	S. Kellogg
Red-shouldered Hawk			
9/1	Randolph	1	imm G. d'Entremont
9/1	Petersham	1	B. Lafley
9/4	Mendon	1	J. Moffett
9/7	Hatfield	1	P. Champlin
9/12	Milton	1	ad D. Furbish
9/12	N. Dartmouth	1	M. Boucher
9/15	Princeton	1	P. + F. Vale
9/19	Lakeville	1	G. d'Entremont
9/23	Wakefield	1	F. Vale
9/24	Groton	2	T. Pirro
9/25	GMNWR	1	imm migr S. Perkins
9/25	Truro	1	imm R. Titus
9/25, 29	E. Boxford	1	J. Brown#
9/26-10/31	Granville	30	fide S. Kellogg
10/2, 27	Northampton	2, 1	R. Packard
10/3	Chesterfield	1	R. Packard
10/8	Dorchester	1	R. Donovan
10/8	GMNWR	1	D. + S. Larson
10/10	Falmouth	1	R. Farrell
10/11	Maynard	2	L. Nachtrab
10/17	HRWMA	1	imm T. Pirro
10/19	Mt. Watatic	23	EMHW
10/21, 24	Gardner	12, 7	T. Pirro
10/25	Avon	1	R. Titus
10/29	E. Middleboro	1	K. Anderson
10/thr	DWWS	1	D. Furbish
Broad-winged Hawk			
9/1-10/6	Granville	2023	fide S. Kellogg
9/19	Granville	926	fide S. Kellogg
9/11-26	Mt. Wachusett	5575	EMHW
9/19	Mt. Wachusett	1748	EMHW
9/11-26	Mt. Watatic	5572	EMHW
9/19	Mt. Watatic	3670	EMHW
9/11-20	N. Adams	1438	R. Rancatti
9/19	N. Adams	712	R. Rancatti
9/14-26	Gardner	175	T. Pirro
9/18-26	Lancaster	1120	EMHW
Swainson's Hawk (no details)*			
10/19	Mt. Watatic	1	lt T. McCullough
Red-tailed Hawk			
9/19-10/31	Granville	286	fide S. Kellogg
10/6	W. Newbury	23	R. Heil
10/19	Mt. Watatic	39	EMHW
10/21	Granville	66	fide S. Kellogg
10/27	Pittsfield	53	R. Ferren
10/27	N. Adams	64	fide S. Kellogg
10/29	N. Adams	103	fide S. Kellogg
Rough-legged Hawk			
10/19	Mt. Wachusett	1	dk T. Carrolan
10/23	DWWS	1	lt J. + D. Moffett
10/24	P.I.	1	S. Leonard#
10/27	W. Bridgewater	1	lt R. Titus
10/30	Deerfield	1	P. Champlin
10/31	Newbury	1	P. + F. Vale
10/31	DWWS	1	dk M. Emmons
Golden Eagle			
9/23	Milton	1	K. Vespaziani
9/25	Worcester	1	ad M. Lynch#
10/15	Mt. Wachusett	1	yg T. Carrolan
10/17, 21	Granville	1, 1	fide S. Kellogg
American Kestrel			
9/1-10/24	Granville	632	fide S. Kellogg
9/11	HRWMA	14	J. Barton#
9/12-26	Mt. Wachusett	84	EMHW
9/13-26	Mt. Watatic	63	EMHW
9/18	Northampton	55	T. Gagnon
9/18	Gardner	4	T. Pirro
9/19	Lancaster	22	EMHW
9/23	Groton	7	T. Pirro
9/23	Malden	12	EMHW
9/24	Groton	6	T. Pirro
9/26	Lancaster	17	EMHW (B. Kamp)
9/27	Orange	14	B. Lafley
10/6	W. Newbury	31	R. Heil
10/11	GMNWR	4	migr S. Perkins
Merlin			
9/2-10/24	Granville	17	fide S. Kellogg
9/5, 19	P.I.	3, 3	R. Heil
9/13-26	Mt. Wachusett	15	EMHW
9/13, 26	Mt. Watatic	2, 2	EMHW
9/18	Mt. Tom	3	T. Gagnon
9/24	Nantucket	4	E. Ray
9/25	GMNWR	3	S. Perkins
9/26	Lancaster	3	EMHW
10/6	W. Newbury	3	R. Heil
10/17, 21	Gardner	2, 1	T. Pirro
10/19	Mt. Watatic	4	EMHW
Peregrine Falcon			
9/1-30	Chatham (S.B.)	3	max B. Nikula
9/4	Nantucket	3	E. Ray
9/5	Stellwagen	1	J. Hoye#
9/12, 18, 19, 26	Mt. Wachusett	1, 1, 1, 1	EMHW
9/12, 19	Plymouth (Saquish)	1, 1	E. Newmuth
9/13, 18	Mt. Tom	1, 1	H. Allen, T. Gagnon
9/15	Northampton	2	M. Taylor
9/19, 10/19	Mt. Watatic	2, 1	EMHW
9/20-10/17	Granville	8	fide S. Kellogg
9/26	Rockport	3	R. Heil
10/2, 9, 11	GMNWR	1, 2, 1	S. Perkins
10/3, 7	P.I.-Newbypt.	8, 8	R. Heil
10/10	M.V.	2	SSBC (D. Clapp)
10/11	N. Monomoy	4	B. Nikula
10/17	Dartmouth	2	D. + S. Larson
10/30	S. Monomoy	3	G. Martin#
thr	Reports of indiv. From 22 locations		
Ruffed Grouse			
9/19	Barre F.D./Rutland SP	1	M. Lynch#
10/6	Sharon	1	R. Titus
10/9	ONWR	1	R. Lockwood
10/10	Ashfield	2	S. Smolen-Morton
10/12	Huntington	1	R. Packard
10/16	Bolton	1	R. Lockwood
10/16	Worc. (BMB)	1	J. Liller#
10/16	Middleboro	1	K. Holmes
10/27	Northampton	3	R. Packard

Ruffed Grouse (continued)									
10/28	S. Natick	1		M. Daley		9/19	S. Monomoy	3	S. Perkins#
10/30	Stow	1		R. Lockwood		9/19	P'town (R.P.)	2	D. + S. Larson
Wild Turkey						9/19	Nantucket	14	E. Andrews#
9/4, 19	New Salem	1, 21		B. Lafley		9/19	Plymouth	9	E. Newmuth
9/5	Holden	13		M. Lynch#		9/23	Northampton	2	T. Gagnon
9/6	Acoaxet	3		M. Lynch#		9/25	Worcester	1	M. Lynch#
9/14	Bedford	1 pr		D. Fische		10/3,24	N. Monomoy	6, 2	B. Nikula
9/15	Lincoln	3		S. Perkins		10/10	Arlington Res.	1	K. Hartel#
9/15	Easton	8		G. d'Entremont		10/10-18	S. Boston	3	R. Donovan#
10/1	Newton	1 f		H. Miller		10/13	Groton	1	T. Pirro
10/2	Stow	1		R. Lockwood		10/30	S. Monomoy	1	G. Martin#
10/10	M.V.	11		SSBC (D. Clapp)		thr	GMNWR	6 max	9/17 S. Perkins + v.o.
10/10	Hadley	22		J. LaPointe#		Semipalmated Plover			
10/11	Blackstone	14		D. Furbish		9/1-10/3	GMNWR	17 max	9/17S. Perkins
10/18	Scituate	14		L. Burbank		9/2	Woburn	5	M. Rines
10/24	Worcester	6		M. Lynch#		9/4	Longmeadow	5	T. Gagnon
Northern Bobwhite						9/4	Chatham (S.B.)	1000	B. Nikula
9/25	DWWS	2		D. Furbish		9/6	Acoaxet	166	M. Lynch#
10/24-25	Newton	1 m		T. Skillin# + v.o.		9/12	Revere B.	200+	P. + F. Vale
Clapper Rail						9/12, 19	Plymouth	60, 85	E. Newmuth
10/17	P.I.	1		M. Lynch#		9/17	Wachusett Res.	5	S. Perkins#
10/30	Eastham (F.H.)	1		D. Peacock#		9/19	Chatham (S.B.)	500	S. Perkins#
Virginia Rail						9/19	Nahant B.	80	S. Leonard
9/4	Lenox	1		R. Laubach		9/19	P.I. Basin	220	R. Heil
9/18	Marshfield	2		SSBC (D. Furbish#)		10/2	Newbypt H.	161	M. Lynch#
9/19	Nantucket	4		E. Andrews#		10/24	Ipswich	65	BBC (J. Nove)
10/12-30	Dorchester	1		R. Donovan#		10/24	Chatham (S.B.)	75	B. Nikula#
Sora						Piping Plover			
9/4	Nantucket	1		E. Ray		9/3	N. Monomoy	10	C. Dalton
9/26	Framingham	1		J. Hoyer#		9/6	Acoaxet	2	M. Lynch#
10/3	Mashpee	1		S. Miller#		9/11	Chatham (S.B.)	49	B. Nikula
10/10-11	GMNWR	1		C. Floyd + v.o.		9/12, 19	Plymouth	1, 1	E. Newmuth
10/15-17	Dorchester	1		R. Donovan#		9/19	Chatham (S.B.)	11	S. Perkins#
10/18	W. Bridgewater	3		S. Arena		10/4	Nantucket	2	A. Charder#
Common Moorhen						Killdeer			
10/17	S. Egremont	1		T. Collins		9/1-10/3	GMNWR	145 max	9/4 S. Perkins
10/17	Worcester	1		F. McMenemy		9/4	Worcester	46	M. Lynch#
10/17-31	Gloucester	1		P. Akers + v.o.		9/15	Northampton	30	M. Taylor
American Coot						9/25	Newbury	51	P. + F. Vale
9/20, 10/3	GMNWR	1, 4		S. Perkins#		10/2	Arlington Res.	30	K. Hartel#
10/2	Arlington Res.	1		K. Hartel#		10/20	W. Bridgewater	125	S. Arena
10/3	Scituate H.	1		SSBC (D. Furbish#)		10/31	W. Harwich	10	B. Nikula
10/3	Chester	1		R. Packard		American Oystercatcher			
10/14	Longmeadow	7		J. LaPointe		9/3	Falmouth	3	R. Farrell
10/16	Randolph	12		G. d'Entremont		9/12	Squantum	2	G. d'Entremont
10/28	Essex Co.	23		J. Berry#		9/25	Chatham (S.B.)	120+	B. Nikula#
10/28-30	Richmond	30		R. Packard		9/26	Nantucket	15	E. Ray
10/29	Cheshire Res.	19		M. Lamere		10/3	N. Monomoy	122	B. Nikula
10/30	Braintree	60+		S. Carey		Greater Yellowlegs			
10/30	Pittsfield (Onota)	20		S. Kellogg		9/1	Petersham	1	B. Lafley
10/30	Plymouth	47		G. d'Entremont#		9/5	Holden	6	M. Lynch#
10/31	Southwick	15		H. Allen		9/12	Newbypt H.	408	M. Lynch#
Black-bellied Plover						9/12	Wachusett Res.	4	M. Lynch#
9/4	Chatham (S.B.)	2500		B. Nikula		9/12	E. Quabbin	1	S. Kellogg
9/12	Squantum	49		G. d'Entremont		9/13	Arlington Res.	4	M. Rines#
9/13	Rowley	33		J. Berry		9/17, 10/11	GMNWR	13, 3	S. Perkins
9/17	Wachusett Res.	2		S. Perkins#		9/18	Squantum	141	G. d'Entremont
9/18	Northampton	1		T. Gagnon		9/23-26	Northampton	1	T. Gagnon
10/3	N. Monomoy	900		B. Nikula		10/7	Newbypt	225	R. Heil
10/3	P.I.	100		J. Berry		10/17	P.I.	138	M. Lynch#
10/10	M.V.	60		SSBC (D. Clapp)		10/30	Eastham	230	D. Peacock#
10/11	Eastham	50		D. + S. Larson		10/30	Lanesboro (Pont.)	3	S. Kellogg
10/19	Duxbury B.	42		D. Furbish		Lesser Yellowlegs			
10/28	New Salem	1		B. Lafley		9/7	Northampton	2	H. Allen
American Golden-Plover						9/9	Chatham (S.B.)	20	W. Petersen
9/5-10/17	P.I.	6 max		v.o.		9/12, 10/2	Newbypt H.	78, 20	M. Lynch#
9/11, 17	Wachusett Res.	3		M. Lynch#		9/13	Arlington Res.	16	M. Rines#
9/12	Newbypt H.	3		M. Lynch#		9/13	Rowley	37	J. Berry
9/13	Granville	4		S. Kellogg		9/18	Squantum	17	G. d'Entremont
9/17	Orleans	22		R. Heil#		9/25, 10/2	GMNWR	31, 36	S. Perkins
9/18	Northampton	12		T. Gagnon		10/3	Newbypt	55	R. Heil
9/18	Chatham (S.B.)	4		B. Nikula		10/12	Newbury	16	R. Heil
						10/22	New Salem	1	B. Lafley

<b>Solitary Sandpiper</b>			
9/2	Woburn	3	M. Rines
9/4	Worcester	3	M. Lynch#
9/5	Grafton	6	M. Lynch#
9/5	Paxton	5	M. Lynch#
9/11	Wellfleet	4	BBC (R. Stymeist)
9/29	GMNWR	2	S. Perkins#
10/2, 10	Arlington Res.	2, 4	K. Hartel#
10/9	W. Newbury	1	P. + F. Vale
<b>Willet</b>			
9/6, 10/11	N. Monomoy	45, 6	B. Nikula
9/11	Wellfleet	3	BBC (R. Stymeist)
9/12	Chatham (S.B.)	1	W. Petersen
9/12	Newbypt H.	2	M. Lynch#
9/12	Squantum	3	G. d'Entremont
<b>Spotted Sandpiper</b>			
9/2	Woburn	3	M. Rines
9/4, 12	Wakefield	7, 4	P. + F. Vale
9/5	Paxton	6	M. Lynch#
9/5	Holden	2	M. Lynch#
9/6	Falmouth	3	R. Farrell
9/15	Melrose	2	D. + I. Jewell
9/18	Randolph	2	G. d'Entremont
10/6	W. Newbury	2	R. Heil
10/9	Worcester	2	M. Lynch#
10/29	Gloucester	1	P. Akers
<b>Whimbrel</b>			
9/1	Duxbury B.	1	A. Strauss
9/4	N. Monomoy	204	Wi. Harrington
9/7	Granville	1	J. Weeks
9/11	Wellfleet	17	BBC (R. Stymeist)
9/12	Rockport (A. P.)	1	J. Soucy
9/19	S. Monomoy	3	T. Maloney#
9/24	Nantucket	12	E. Ray
9/30	E. Sandwich	5	S. Miller#
10/3	N. Monomoy	5	B. Nikula
10/7-11	P.I.	2	R. Heil
<b>Hudsonian Godwit</b>			
9/4	Chatham (S.B.)	13	B. Nikula
9/6, 10/3N.	Monomoy	11, 1	B. Nikula
9/13	Rowley	3	J. Berry
9/17	GMNWR	1 juv	S. Perkins#
9/21	E. Sandwich	1	S. Miller#
10/7	GMNWR	4	R. Lockwood
10/7	Newbypt	12	R. Heil
10/11	Eastham	1	D. + S. Larson
10/31	P.I.	6	R. Stymeist#
<b>Marbled Godwit</b>			
9/11, 10/24	N. Monomoy	7, 6	B. Nikula
9/12	Winthrop H.	1	S. Zende#
9/12	Dartmouth	1	R. Heil#
9/12	S. Dart. (A. Pd)	1	R. Heil#
9/12	Newbypt H.	1	M. Lynch#
9/17	Chatham	6	B. Nikula#
9/18	Orleans	1	D. + S. Larson
9/25	P.I.	1	P. + F. Vale
10/11	Eastham	1	D. + S. Larson
<b>Ruddy Turnstone</b>			
9/9	Chatham (S.B.)	30	W. Petersen
9/12	Plymouth	12	E. Newmuth
9/14	Rockport (H.P.)	2	S. Hedman
10/7	Nantucket	20	J. Hoye#
<b>Red Knot</b>			
9/11, 10/24	N. Monomoy	300, 150	B. Nikula
9/12	Plymouth	18	E. Newmuth
9/12	Eastham	17	D. Peacock#
9/13	Rowley	14	J. Berry
9/26	Westport	1	S. Perkins#
<b>Sanderling</b>			
9/4	Chatham (S.B.)	3000	B. Nikula
9/6	Acoaxet	171	M. Lynch#
9/12	Revere B.	500+	P. + F. Vale
9/12, 19	Plymouth	1200+	E. Newmuth
10/3	N. Monomoy	1400	B. Nikula
10/9	P.I.	400	M. Resch#
10/19	Duxbury B.	520	D. Furbish
10/26	Nahant	800	R. Heil
<b>Semipalmated Sandpiper</b>			
9/2	Woburn	30	M. Rines
9/3	Agawam	3	S. Kellogg
9/4, 10/24	Chatham (S.B.)	900, 60	B. Nikula
9/4	Longmeadow	2	T. Gagnon
9/6	Acoaxet	191	M. Lynch#
9/11	N. Monomoy	300	B. Nikula
9/12	Newbypt H.	436	M. Lynch#
9/12	Revere B.	200+	P. + F. Vale
9/12	Randolph	60	G. d'Entremont
9/12	Plymouth	250	E. Newmuth
9/16	Nahant B.	500+	G. Wood
9/25, 10/11	GMNWR	24, 1	S. Perkins
10/3	Newbypt	450	R. Heil
10/17	Ipswich	150	BBC (T. Young)
<b>Western Sandpiper</b>			
9/4, 25	Chatham (S.B.)	4, 3	B. Nikula
9/5	Newbury	1	S. Grinley
9/5	P.I.	3	R. Heil
9/6	E. Boston (B.I.)	1	G. Wood
9/6	Acoaxet	1	M. Lynch#
9/12	Revere B.	2	P. + F. Vale
9/12, 10/2	Newbypt H.	2, 1	M. Lynch#
9/12	S. Monomoy	6	W. Petersen
9/16	Nahant B.	1	G. Wood
10/2	Eastham (F.E.)	10	G. d'Entremont#
10/3	Newbypt	1	R. Heil
10/11	N. Monomoy	2	B. Nikula
10/19	Duxbury B.	1	D. Furbish
10/24	Chatham (S.B.)	1	B. Nikula#
10/29	Nantucket	3	E. Ray
<b>Red-necked Stint (details submitted) *</b>			
9/5-13	Chatham (S.B.)	1 ad	G. d'Entremont + v.o.
<b>Least Sandpiper</b>			
9/2	Woburn	34	M. Rines
9/3	Agawam	25	S. Kellogg
9/4, 10/11	GMNWR	200, 2	S. Perkins
9/5	Grafton	45	M. Lynch#
9/6	Acoaxet	25	M. Lynch#
9/9	Chatham (S.B.)	20	W. Petersen
9/12	Newbypt H.	20	M. Lynch#
9/12	P.I.	22	M. Lynch#
9/23	Northampton	6	T. Gagnon
10/28	New Salem	2	B. Lafley
<b>White-rumped Sandpiper</b>			
9/4	Chatham (S.B.)	75	B. Nikula
9/6	Essex	9	D. Brown#
9/6	Acoaxet	6	M. Lynch#
9/11, 17	Wachusett Res. 1,	1M.	Lynch, S. Perkins#
9/12	Revere B.	20	P. + F. Vale
9/16	Nahant B.	40+	G. Wood
9/17, 10/2	GMNWR	2, 4	S. Perkins
9/19	P.I.	55	R. Heil
9/23	Northampton	4	T. Gagnon
9/25, 10/24	Chatham (S.B.)	70, 15	B. Nikula#
10/3	Newbypt	20	R. Heil
10/29	Nantucket	2	E. Ray
10/31	P.I.	1	R. Lockwood#
<b>Baird's Sandpiper</b>			
9/5	P.I.	2 juv	R. Heil
9/19	S. Monomoy	3	V. Laux#
9/19	P'town (R.P.)	1	D. + S. Larson
9/20, 25	GMNWR	2, 2	S. Perkins#
9/21	Truro	1 juv	W. Ellison
9/26	Chilmark	2	A. Keith
10/14	Rockport	1 imm	J. Soucy#
<b>Pectoral Sandpiper</b>			
9/thr	GMNWR	30 max	9/17S. Perkins
9/17	Wachusett Res.	6	M. Lynch#

<b>Pectoral Sandpiper (continued)</b>			
9/23	Northampton	41	T. Gagnon
9/25	Cumb. Farms	15	M. Maurer
10/7, 10/14	Arlington Res.	29, 50	M. Rines
10/7	P.I.	48	R. Heil
10/8	Truro	20	J. Hoye#
10/8, 12	Brockton	10, 2	M. Faherty
10/9	Northampton	15	T. Gagnon
10/12	Newbury	60	R. Heil
10/16	Middleboro	50	J. Hoye#
10/20	W. Bridgewater	30	S. Arena
10/30	GMNWR	97	M. Rines
<b>Purple Sandpiper</b>			
10/1-3	Nantucket	2	BBC (L. Ferraresso)
<b>Dunlin</b>			
9/17, 10/11	GMNWR	2, 5	S. Perkins
9/19	Chatham (S.B.)	28	W. Ellison
9/19	Plymouth	50	E. Newmuth
9/23	Northampton	1	T. Gagnon
10/2	Newbypt H.	392	M. Lynch#
10/3	N. Monomoy	800	B. Nikula
10/9	Marshfield	50	BBC (J. Center)
10/11	Eastham	2500	D. + S. Larson
10/19	Duxbury B.	460	D. Furbish
10/24	Ipswich	32	BBC (J. Nove)
10/31	Salisbury	75	P. + F. Vale
<b>Stilt Sandpiper</b>			
9/3, 6	Essex	1, 2	D. Brown#
9/5, 25, 10/3	GMNWR	1, 3, 2 juv	S. Perkins
9/5	P.I.	5	R. Heil
9/6	Squantum	1	A. Strauss
9/9	Chatham (S.B.)	1	W. Petersen
9/10	Wobum	1	M. Rines
9/10	Easton	1	S. Arena
9/12	E. Boston (B.I.)	3	J. Dekker
9/18	Hadley	1	S. Sumer
9/19	Chatham (S.B.)	1 juv	V. Laux#
9/26	Cumb. Farms	1	M. Maurer#
10/3	Newbypt	1	R. Heil
<b>Buff-breasted Sandpiper</b>			
9/1	P.I.	1	G. Leet#
9/6, 11	N. Monomoy	2, 2	B. Nikula#
9/9	Rockport	1	J. Soucy#
9/11	Newbypt	1	R. Heil
9/11	Wachusset Res.	1	M. Lynch#
9/15	Northampton	2	M. Taylor
9/19	S. Monomoy	1	S. Perkins#
9/24	P.I.	1	E. Goodwin
<b>Ruff</b>			
9/12	Eastham (F.H.)	1 juv	D. + S. Larson
<b>Short-billed Dowitcher</b>			
9/4	Chatham (S.B.)	120	B. Nikula
9/6	Acoaxet	179	M. Lynch#
9/7, 10/3	P.I.	7	J. Berry
9/12	Squantum	12	G. d'Entremont
9/12	Newbypt H.	102	M. Lynch#
9/12	Revere B.	35	P. + F. Vale
9/12	Plymouth	8	E. Newmuth
9/13	Rowley	16	J. Berry
9/17	Eastham	85	W. Petersen
10/3	N. Monomoy	20	B. Nikula
<b>Long-billed Dowitcher</b>			
9/6	N. Monomoy	2	B. Nikula
9/12	Chatham (S.B.)	1	W. Petersen
9/13	Rowley	1 ad	J. Berry
9/18	Chappaquiddick	1	V. Laux
10/2	Newbypt H.	2	M. Lynch#
10/3	P.I.	40	R. Heil
10/17	Ipswich	7	BBC (T. Young)
<b>Common Snipe</b>			
9/1	GMNWR	11	R. Lockwood
9/19	S. Monomoy	3	E. Nielsen#
9/19	Truro	3	W. Ellison
9/23	Northampton	2	T. Gagnon
10/1-11	GMNWR	2-5	S. Perkins
10/3	Bolton Flats	6	M. Lynch#
10/12	Amherst	3	H. Allen
10/16	Squantum	3	G. d'Entremont#
10/20	W. Bridgewater	18	S. Arena
10/25	Southwick	3	S. Kellogg
10/27	DWWS	7	D. Furbish
10/30	Hadley	3	H. Allen
10/31	Newbypt	6	R. Lockwood#
<b>American Woodcock</b>			
9/12	Easthampton	1	BBC (T. Gagnon)
9/24	Nantucket	1	E. Ray
9/25	Burlington	1	M. Rines#
10/16	Worcester	4 migr	M. Lynch#
10/16	Middleboro	1	K. Holmes
10/25	Amherst	1	H. Allen
10/27	DWWS	1	D. Furbish
10/28	Quabbin (G22)	1	B. Lufley
10/29	Lenox	2	R. Laubach
10/29	Hadley	2	P. Champlin
<b>Wilson's Phalarope</b>			
9/19	P.I.	1	S. Leonard
<b>Red-necked Phalarope</b>			
9/4	N. Stellwagen	100	BBC (E. Tarry)
9/6	P.I.	1	S. Leonard
9/8	Stellwagen	55+	B. Nikula
9/17	Orleans	1	B. Nikula#
9/18	Eastham (F.E.)	4	B. Nikula
9/19	10 m. ESE of Chatham	86	S. Perkins#
9/21	P.I.	1	S. Hedman#
<b>Red Phalarope</b>			
9/12	Stellwagen	6	D. Peacock#
9/19	10 m ESE of Chatham	1 juv	T. Maloney#
9/25-30	GMNWR	1 juv	R. Walton + v.o.
10/10	Stellwagen	1	G. Williamson#
<b>phalarope species</b>			
9/8	Stellwagen	45+	B. Nikula
9/17	Orleans	2	B. Nikula#
9/17	Chatham	2	B. Nikula#
9/30	Rockport (A.P.)	15+	R. Heil
<b>skua species *</b>			
9/6	Rockport (A.P.)	1	R. Heil
<b>Pomarine Jaeger</b>			
9/15	Stellwagen	2	R. Stymeist
9/17	Orleans	4 ad	B. Nikula#
9/17	Eastham	10	R. Heil#
9/18	Eastham (F.E.)	1	B. Nikula
9/30	Rockport (A.P.)	3	R. Heil
10/4	Rockport (A.P.)	8	J. Soucy
10/10	Stellwagen	1	B. Nikula
<b>Parasitic Jaeger</b>			
9/4	S. Monomoy	3	B. Nikula
9/6	N. Monomoy	3	B. Nikula
9/6	Rockport (A.P.)	2	R. Heil
9/11	Wellfleet	3	BBC (R. Stymeist)
9/15	Stellwagen	4	R. Stymeist
9/16	P'town (R.P.)	25	R. Heil
9/17	Eastham	6	R. Heil#
9/18, 25	Chatham (S.B.)	10, 5	B. Nikula
9/19	E of Chatham	15	T. Raymond#
9/22	Rockport (A.P.)	2	J. Soucy
10/10	Stellwagen	3	B. Nikula
<b>Long-tailed Jaeger (details submitted) *</b>			
9/16	P'town (R.P.)	1 ad	R. Heil
<b>Laughing Gull</b>			
9/3	Rockport	40	J. Berry
9/6	Acoaxet	62	M. Lynch#
9/11	Wellfleet	210	BBC (R. Stymeist)
9/13	Falmouth	500	R. Farrell
9/17	Wachusset Res.	1 juv	M. Lynch#
9/18	Chatham (S.B.)	150	B. Nikula
9/26	Squantum	180	G. d'Entremont#

Laughing Gull (continued)					
9/26 Nantucket	32		E. Ray		
10/3 Sandwich	200	G. d'Entremont#			
10/3 Hull	60	N. Swirka			
10/4 Rockport (A.P.)	14	R. Heil			
10/10 Stellwagen	59	G. Williamson#			
10/23 P'town	50	B. Nikula			
10/26 Lynn	56	R. Heil			
Little Gull					
10/17 P.I.	1	1W	M. Lynch#		
Black-headed Gull					
9/11, 10/11 Newbypt	1, 2		R. Heil		
9/17 Chatham	1 ad		B. Nikula#		
9/23 Hingham	1		D. Williams		
9/24 P.I.	1		E. Goodwin		
10/3 Hull	1 ad		N. Swirka		
10/26 Lynn	1 ad		R. Heil		
Bonaparte's Gull					
9/11, 10/7 Newbypt	550, 750		R. Heil		
9/17 Rockport	9		J. Berry		
9/30 Waltham	3		M. Rines		
10/10 Stellwagen	200+	G. Williamson#			
10/11 Wachusett Res.	2 ad		M. Lynch#		
10/26 Lynn	1870		R. Heil		
Lesser Black-backed Gull					
9/19 S. Monomoy	1 ad		V. Laux#		
9/19 Chatham (S.B.)	3S.	Perkins, V. Laux			
9/21 Truro	1 1S		W. Ellison		
10/10 P'town	1 ad		B. Nikula		
10/11 N. Monomoy	2 ad		B. Nikula		
10/13 Lynn	1 ad		J. Quigley		
Black-legged Kittiwake					
9/18 Rockport (A.P.)	6 juv		R. Heil		
9/18 Eastham (F.E.)	2		B. Nikula		
9/19 E of Chatham	2 juv.		S. Perkins#		
10/3 Stellwagen	15		B. Nikula + v.o.		
10/4, 18 Rockport (A.P.)	200, 127		R. Heil		
10/23 P'town	50		B. Nikula		
10/23 Truro	170		B. Nikula		
10/27 Stellwagen	120		P. Trull		
10/30 Arlington Res.	11		M. Rines#		
Sabine's Gull					
9/8, 14 Stellwagen	1 ad, 3 juv		B. Nikula		
9/16 P'town	1 ad		R. Heil		
9/17 Eastham (F.E.)	1 imm		W. Petersen#		
Caspian Tern					
9/1 P.I.	1		P. Duffy		
9/4 GMNWR	2 migr.		S. Perkins#		
9/12 Squantum	1		G. d'Entremont		
9/17 Edgartown	4		L. McDowell#		
9/19 Rockport (H.P.)	2		K. Hartel		
9/19 Dorchester	6		R. Donovan		
9/19 Fairhaven	1		R. Stymeist#		
9/19 S. Monomoy	2		S. Perkins#		
9/26 Nahant	2		I. Giriunas#		
9/27 Nauset Marsh	3		P. Kyle		
9/28 Revere	2		G. Wood		
10/3 Newbypt	7		R. Heil		
10/4 Nantucket H.	2		A. Charder#		
10/4 Rockport (A.P.)	1		R. Heil		
10/7 Falmouth	3		M. Kasprzyck		
Royal Tern					
9/17 Eastham	1		W. Petersen		
9/17 Chatham	1		B. Nikula#		
9/17, 18 Edgartown	10		L. McDowell#		
9/26 Gloucester	1		C. Leahy		
Sandwich Tern					
9/8 Edgartown	1		M. Pelikan#		
9/8 Menemsha	4		T. Raymond#		
9/12 Dartmouth	1		B. Nikula#		
9/18, 19 Edgartown	10, 6		L. McDowell#		
Roseate Tern					
9/4 S. Monomoy	350		B. Nikula		
9/9 Chatham (S.B.)	350		W. Petersen		
9/16 P'town (R.P.)	150+		R. Heil		
9/17 Eastham	50		W. Petersen#		
9/17 Chatham	400+		R. Heil#		
9/19 10 m. E of Chatham	7 migr.		S. Perkins#		
Common Tern					
9/3 Newbypt	180		J. Berry		
9/6 Quincy	300		E. Taylor		
9/6 Essex	140+		D. Brown#		
9/6, 10/4 Cape Ann	320, 24		R. Heil		
9/6 Acoaxet	90+		M. Lynch#		
9/12 Revere B.	150+		P. + F. Vale		
9/12 Squantum	225		G. d'Entremont		
9/12 Eastham	250+		D. Peacock#		
9/16 P'town (R.P.)	700+		R. Heil		
9/17 Chatham	1700+		R. Heil#		
9/17 Wachusett Res.	4		M. Lynch#		
10/18 Dennis	120		K. Hamilton		
10/27 Stellwagen	52		P. Trull		
Forster's Tern					
9/4 N. Stellwagen	2		BBC (E. Tarry)		
9/6 Acoaxet	12		M. Lynch#		
9/8 Edgartown	4		M. Pelikan#		
9/17, 10/11 Chatham	11, 40		B. Nikula#		
9/17 Wachusett Res.	1		M. Lynch#		
10/1 Westport	51		E. Nielsen		
10/2 Newbypt H.	16		M. Lynch#		
10/3, 11 Newbypt	53, 14		R. Heil		
10/18 Dennis	2		K. Hamilton		
10/23 P'town	2		B. Nikula		
10/29 Plymouth	7		M. Faherty		
10/30 S. Monomoy	4		G. Martin#		
Least Tern					
9/19 Chatham (S.B.)	5		W. Ellison		
9/19 S. Monomoy	3		B. Nikula#		
Bridled Tern *					
9/17 Edgartown	2		L. McDowell#		
9/17 Eastham (F.E.)	1 ad		W. Petersen#		
Sooty Tern *					
9/17 Eastham (F.E.)	1 ad, 2 imm		W. Petersen#		
9/17 Orleans	2 imm		B. Nikula, R. Heil		
9/17 Chatham	1 imm		B. Nikula, R. Heil		
Black Tern					
9/2 S. Monomoy	100		J. Sones#		
9/3 Rockport	6		J. Berry		
9/4 Vineyard Sound	15		V. Laux#		
9/9 Falmouth	3		R. Farrell#		
9/16 P'town (R.P.)	2		R. Heil		
9/17 Eastham (F.E.)	4		W. Petersen#		
9/17 Chatham	155		B. Nikula, R. Heil		
9/17 Turners Falls	2		M. Fairbrother + v.o.		
Black Skimmer					
9/17 Eastham	1		R. Stymeist#		
9/18 Orleans	2 ad		D. + S. Larson		
9/18-19 Chatham (S.B.)	1 ad		B. Nikula		
9/19 Edgartown	1		L. McDowell#		
Dovekie					
10/28 Eastham	2		J. Sones#		
10/30 Rockport (H.P.)	1		J. Barber		
Razorbill					
10/4, 18 Rockport (A.P.)	6, 4		R. Heil		
10/19 Eastham (F.E.)	1		B. Nikula		
10/28 Eastham	1		J. Sones#		
Black Guillemot					
10/31 Cape Ann	4		R. Heil		
Atlantic Puffin					
10/4 Rockport (A.P.)	1		R. Heil		

## DOVES THROUGH FINCHES

Fall migration can be one of the most exciting times for birders, more interesting and certainly longer than spring migration. Unexpected encounters with vagrants are part of the thrill of any fall outing. Sightings from September through October were no exception. Some of the big fallouts were on days following west or northwesterly winds. At Gay Head on Martha's Vineyard and on nearby Cuttyhunk Island birders witnessed a tremendous fallout of birds on September 12. Along the cliffs at Gay Head over 500 warblers went streaming by unidentified, but there were also flocks of Cedar Waxwings totaling about 2000 birds, 25 Red-breasted Nuthatches and about 800 Bobolinks. Additional highlights from September 12 included 14 House Wrens in Lexington and 20 migrating Veeries in Hanson. Other days in September with west winds were the 18th, 25th, and 30th. On the 26th there was a significant movement of Blue Jays with a count of over 1200 made from Gardner. Northwesterly winds were reported on September 17, 22 and 23rd. In October there were few days with a west or northwest flow; in fact the wind was from a southerly direction on 17 days, leading to instances of reverse migration.

The southerly airflow certainly had something to do with the unprecedented reoccurrence of Chimney Swifts and the large numbers of swallows that were reported during October, especially from Great Meadows NWR in Concord. Most of the swallows, with the exception of Tree Swallows, have left our area in early September. Chimney Swifts, which pretty much follow the same behavior as Common Nighthawks in the fall, are much reduced in numbers by mid-September. On September 20th over **2000 swifts** were milling over the impoundments at Great Meadows. Large numbers continued there through mid-October when they were joined by a flock of as many as **70 Northern Rough-winged Swallows**. This far and away eclipses any previous record of this species; the Rough-winged Swallow generally leaves our area after breeding, which can be as early as late July. Observers in Worcester reported a sizable movement of landbirds at dawn on October 10, a day of southwest winds, though a day with nearly five inches of rain as well. To quote the observers: "We arrived at Airport Hill in Worcester at 7 a.m. and scanned the skies, the air was filled with pockets of flying landbirds at about eye level. At 7:50 a.m. the movements decreased dramatically and many flocks could be seen descending into the trees. This coincided with the rapid approach of the rain. We left by 8:30 a.m. with 99 percent of the birds unidentified because they were just too distant. The birds we counted flew right over us and gave distinct call notes; in fact, in the case of the Purple Finches, we were able to spish several groups literally out of the sky." The count of **213 Purple Finches** was the largest number seen at one time in over a decade by that observer, and it represents one of the all-time high counts for the state. Also tallied was a flock of 39 Pine Siskins.

One of the latest species to breed in Massachusetts is the American Goldfinch and it is not uncommon to see begging young in early September; however the report of adult Red-bellied Woodpeckers feeding young at a nest hole in the Middlesex Fells on September 5 was fairly astonishing. The first confirmed nest of Red-bellied Woodpecker in Massachusetts was in 1977. Since then their range has expanded into our area, and nesting birds are frequently reported. The Middlesex Fells birds are unusual in that they have been observed raising two broods for nearly ten years (this species does not generally raise two broods at the northern end of its range). This, however, seems very late and more likely was due to a failure of the second brood and an attempt to correct that situation. On the subject of range expansion, Carolina Wrens are doing well and are being reported in greater numbers in areas where they had been marginally reported; a bird in New Salem is a good example. Common Ravens are also on the increase in the western part of the state with 20 noted from Granville and 13 from Becket, but more interesting are increased sightings in the eastern portion of the state: 2 from Groton, single birds in Wrentham and Boxford, and another Raven seen off and on from Halibut Point in Rockport.

Birders generally were not disappointed with the fall migration of passerines. Counting the hybrid "Lawrence's" Warbler, a total of 34 species was noted during the period. Some of the more

unusual included 3 Golden-winged, 19 Orange-crowned, 2 Yellow-throated, 4 Prothonotary, single Worm-eating and Kentucky, 24 Connecticut, and 5 Hooded warblers, and 14 Yellow-breasted Chats. Observers in western Massachusetts noticed a decline in the overall numbers of Tennessee Warblers, showing a record low. Also in the west, Cape May Warblers have been extremely scarce since 1993, Bay-breasted have been dwindling with just one location reporting, and Blackpolls showed a sudden decline with only 11 birds noted (down considerably from the recent average of about 100). Only one Wilson's was noted, the lowest ever (the usual average is 13), and a Yellow-breasted Chat was the first September report since 1985 and just the 12th overall. Six White-eyed Vireos were still singing in Westport in early September, while three Yellow-throated Vireos were singing at Crooked Pond in Boxford on September 12. Sightings from September 19, following a west wind, at Barre Falls Dam indicated a good flight (with some late breeders): 22 Blue-headed Vireos, 14 Red-eyed Vireos, 17 Hermit Thrushes, and 53 Eastern Phoebes. There was a good, though not remarkable, flight of Red-breasted Nuthatches along the coast from mid-September. At Plum Island over 85 Gray Catbirds and 20 Brown Thrashers were still being seen on September 11. The summary below includes additional species which were reported in better than normal numbers, i.e. Yellow-billed Cuckoo, Yellow-bellied Sapsucker, Northern Shrike, Eastern Bluebirds (really encouraging), 42 Philadelphia Vireos, Dickcissel, Clay-colored, Vesper, Nelson's Sharp-tailed and Fox sparrows.

Vagrants, those birds that missed the turn or were blown off course, are more often found in the fall, and this year was no exception. I'm not sure we can call the **Rufous Hummingbird** a true vagrant, since she has returned to the same feeder in Agawam for the past three years. Other interesting sightings included a **Brewer's Blackbird** from Orange, three different **Le Conte's Sparrows**, and a very cooperative **Lark Bunting** from North Weymouth. Not really vagrants but really good reports include an Olive-sided Flycatcher in Washington (the only report), 3 Western Kingbirds, a **Boreal Chickadee** banded at Manomet on October 29, a Lark Sparrow in Lexington, a **Henslow's Sparrow** from Newbury, and four different **Yellow-headed Blackbirds**.

What kind of a winter will it be? You can look in the *Old Farmer's Almanac*, but if birds could tell us I think we would be better off. There has been a fantastic fallout of Saw-whet Owls, good numbers of Barred and more Short-eareds than in recent years; and Snowy Owls have been welcomed after last years miserable "no-show". There was a good cone crop which in turn made for an abundance of Gray Squirrels, hence a lot of Barred Owls (?); several observers reported Barred Owls dining on *Sciurus carolensis*. There were reports of a bad year in the north for small rodents, certainly a cause for the many reports of Saw-whets. Another winter sign is the flight of winter finches; outside of the earlier report of 213 Purple Finches, small numbers of Pine and Evening grosbeaks were noted, and there were widespread reports of both Pine Siskins and Common Redpolls, especially in October.

R.H.S.

Black-billed Cuckoo				Eastern Screech-Owl			
9/26 Westport	1	S. Perkins#		thr			Reports of indiv. from 14 locations
Yellow-billed Cuckoo				Great Horned Owl			
9/12 Mt. Tom	1	T. Gagnon		9/7 Groton	1	T. Pirro	
9/18 Squantum	1	G. d'Entremont		9/12 Hanson	1	W. Petersen	
9/18 Belmont	1	M. Rines#		9/19 S. Monomoy	2	S. Perkins#	
9/19 WBWS	1	D. + S. Larson		10/23 Middleboro	2	K. Holmes	
9/21 Melrose	1	D. + I. Jewell		10/26-30 Quincy	2	G. Dolan + v.o.	
9/25 P.I.	1	P. + F. Vale		Barred Owl			
10/1 Wakefield	2	F. Vale		9/11 Bolton	1	R. Lockwood	
10/1 Truro	1	D. Comeau#		9/27 Lenox	2	R. Laubach	
10/1 Chatham	5	D. Comeau#		10/5 Granville	1	J. Weeks	
10/1 Newbypt	2	S. Perkins#		10/11 W. Boylston	1	B. Volkle#	
10/6 Nantucket	1	J. Hoye#		10/12 E. Middleboro	1	K. Anderson	
10/10 M.V.	1	SSBC (D. Clapp)		10/17 Mattapan	1	G. Walat	
10/15 Westport	1	J. Hoye#		10/23 Middleboro	1	K. Holmes	
Barn Owl				Short-eared Owl			
10/1 Middleboro	1	K. Holmes		10/13 Penikese I.	1	P. Poloni	
10/29 Nantucket	1	E. Ray#		10/17 N. Monomoy	2	M.A.S.	
				10/19 Duxbury B.	1	D. Furbish	

Short-eared Owl (continued)				10/24	Boston (Fens)	1	BBC (R. Stymeist)
10/25	Granville	1	J. Weeks	10/25	Plympton	1	J. Shaw
10/27	W. Bridgewater	1	R. Titus	10/31	Longmeadow	1	N. Eaton
10/28	DWWS	1	D. Furbish	Hairy Woodpecker			
Northern Saw-whet Owl				9/1	Worc. (BMB)	3	M. Lynch#
10/29	Nantucket	10	E. Ray#	9/12	Quabbin (G40)	4	R. Lockwood
Common Nighthawk				9/12	Lexington	3	M. Rines#
9/1, 2, 5	Northampton	57, 67, 30	T. Gagnon	9/19	Barre F.D./Rutland SP	3	M. Lynch#
9/5	Worcester	47	D. Furbish#	10/12	Wakefield	3	F. Vale
9/11	Dorchester	1	R. Stymeist#	Northern Flicker			
9/20	GMNWR	2	S. Perkins#	9/1, 03	Wakefield	11, 17	F. Vale
9/23	Boston	2	L. Gretz	9/19	S. Monomoy	21	S. Perkins#
9/25	Wellfleet	1	R. Titus	9/21	Truro	23	W. Ellison
10/2	Eastham (F.H.)	1	G. d'Entremont#	10/10	Malden	18	P. + F. Vale
10/7	Newbypt	1	R. Heil	10/10	Ashfield	12	S. Smolen-Morton
10/11	GMNWR	2	C. Floyd	Pileated Woodpecker			
Whip-poor-will				9/1	Stoneham	1 m	D. + I. Jewell
9/3	Bolton	1	R. Lockwood	9/1, 19	Petersham	1	B. Lafley
9/12	S. Dartmouth	3	S. Perkins#	9/4	New Salem	2	B. Lafley
Chimney Swift				9/12	Quabbin (G40)	1	R. Lockwood
9/5	Worcester	8 migr.	M. Lynch#	9/13	Concord	1	R. Lockwood
9/5	Holden	7 migr.	M. Lynch#	9/15	HRWMA	1 f	P. + F. Vale
9/5	Mendon	5	J. Moffett	9/15	Mt. Wachusett	1 m	F. Vale
9/6	S. Natick	8	BBC (E. Taylor)	9/23	Amherst	1	C. Holzapfel
9/18	W. Concord	300+	A. Joslin	9/25	Acton	1	J. Michaels
9/20, 29	GMNWR	2000, 800	S. Perkins#	10/9	Worcester	1	M. Lynch#
9/25	Lincoln	1	J. Forbes	Olive-sided Flycatcher			
9/26	Rockport (A.P.)	4	R. Heil	9/1	Washington	1	E. Neumuth
10/2	Newton	1	BBC (F. Bouchard)	Eastern Wood-Pewee			
10/2	Granville	6	J. Weeks	9/1	Wakefield	1	F. Vale
10/2	Wakefield	5	P. Vale	9/5	Paxton	2	M. Lynch#
10/2, 10	GMNWR	600, 150	S. Perkins#	9/11	Wellfleet	7	BBC (R. Stymeist)
10/3	Cumb. Farms	2	G. d'Entremont#	9/12	Mt.A.	2	R. Stymeist
10/3	Scituate	2	SSBC (D. Furbish)	9/12	P.I.	1	J. Hoye#
10/6	W. Newbury	3	R. Heil	9/12	Quabbin (G40)	4	R. Lockwood
10/11	Wayland	35	K. Hamilton	9/19	Barre F.D./Rutland SP	1	M. Lynch#
10/15	Concord (NAC)	25	L. Nachtrab	9/20	New Salem	1	B. Lafley
10/17	GMNWR	20	J. Forbes	10/7	Nantucket	1	J. Hoye#
10/18	W. Bridgewater	8	S. Arena	Yellow-bellied Flycatcher			
10/18	Mansfield	40	S. Arena	9/14	Belmont	1	M. Rines#
caprimulgid species				9/18	Lexington	1	M. Rines#
10/10	Ipswich	1	J. Berry	9/18	Gay Head	1	T. Raymond
Ruby-throated Hummingbird				Acadian Flycatcher			
9/1-30	Reports of 1-2 indiv. from 17 locations			9/12	Cuttyhunk	1	T. Raymond#
9/1-15	N. Dartmouth	3 max	M. Boucher	Willow Flycatcher			
10/2	Newton	1	BBC (F. Bouchard)	9/7	Northampton	1	H. Allen
10/12-17	Northampton	17	T. Gagnon	Least Flycatcher			
<b>Rufous Hummingbird *</b>				9/3	W. Newbury	1	R. Heil
9/1-10/30	Agawam	1	L. Fieldstad	9/4	New Salem	1	B. Lafley
Belted Kingfisher				9/4	Lexington	1	M. Rines
9/19	S. Monomoy	4	S. Perkins#	9/11	Wellfleet	1	BBC (R. Stymeist)
Red-headed Woodpecker				9/12	Mt.A.	1	R. Stymeist
9/26	Cuttyhunk	1	P. Kile	9/19	Barre F.D./Rutland SP	1	M. Lynch#
10/9-10	Newbury	1 imm	D. Davis	Eastern Phoebe			
10/25-6	Newton	1 imm	T. O'Neil	9/19	Barre F.D./Rutland SP	53	M. Lynch#
Red-bellied Woodpecker				9/26	Worcester	20	M. Lynch#
9/5	Medford	pr n	M. Rines	10/2	Stow	11	R. Lockwood
10/15	Westport	6	J. Hoye#	10/4	Burlington	12	M. Rines
10/19-28	W. Newbury	4	R. Heil	10/10	S. Quabbin	7	M. Lynch#
10/24	Wayland	3	BBC (B. Howell)	10/15	Westport	6	J. Hoye#
10/28	Essex Co.	3	J. Bery#	10/16	Squantum	5	G. d'Entremont#
10/31	Quabbin (G40)	3	J. Hoye#	10/26	Southwick	1	S. Kellogg
thr	Reports of 1-2 indiv. from 18 locations			10/27	Belmont	2	M. Rines
Yellow-bellied Sapsucker				Great Crested Flycatcher			
9/24	P.I.	1	E. Goodwin	9/1	Petersham	1	B. Lafley
10/2	P'town	2	G. d'Entremont#	9/4	Chatham	1	G. d'Entremont#
10/2	Gardner	2	T. Pirro	9/12	Mt.A.	1	R. Stymeist
10/3	Bolton Flats	1	R. Lockwood	9/12	Cuttyhunk	1	R. Heil#
10/7	Nantucket	1	J. Hoye#	9/26	Worcester	1	M. Lynch#
10/8	Northboro	1	B. Volkle	Western Kingbird			
10/10	S. Quabbin	1 imm	M. Lynch#	9/6	Nantucket	1	E. Ray
10/10	Salisbury	1	J. Hoye#	9/12	S. Dartmouth	1	R. Heil#
10/10	Ashfield	1 imm	S. Smolen-Morton	10/3	Bolton Flats	1	M. Lynch#

Eastern Kingbird				10/22	Lexington	1	C. Floyd
9/11	P.I.	1	R. Heil	10/24	DWWS	1	G. d'Entremont
9/12	Cuttyhunk	3	R. Heil#	Blue Jay			
9/12	Mt.A.	3	R. Stymeist	9/26	Gardner	1217	T. Pirro
9/19	S. Monomoy	1	S. Perkins#	American Crow			
9/25	Eastham (F.H.)	1	R. Titus	9/21	Wakefield	200+	F. Vale
9/29	Hyannis	1	S. Miller#	10/19	Mt. Watatic	1473	EMHW
Northern Shrike				10/21	Gardner	768	T. Pirro
10/21	Gardner	1 imm	T. Pirro	10/24	Marshfield	300	G. d'Entremont
10/23	W. Concord	1	D. Lange	Fish Crow			
10/24	W. Newbury	1 imm	D. Furbish#	9/5	Bedford	20	W. Petersen
10/27	Pittsfield	1	R. Ferren	9/9	DWWS	3	D. Furbish
10/28	Newton	1	J. Damian	9/11	Hanson	85	W. Petersen
10/29	Hadley	1	P. Champlin	10/2	WBWS	1	G. d'Entremont#
10/29-31	Dorchester	1 imm	R. Donovan#	10/24	Hingham	75-100	K. Vespaziani
10/30	Lynnfield	1 imm	P. + F. Vale	Common Raven			
10/30	Quabbin	1 ABNC	(D. Small#)	9/3, 17	Rockport	1	J. Berry
10/31	DWWS	1	M. Emmons	9/4	New Salem	1	B. Lafley
10/31	Nantucket	1	E. Ray	9/14	Becket	13	R. Laubach
10/31	Granville	1	J. Weeks	9/18	Mt. Skinner	7	S. Sumer
10/31	W. Bridgewater	2	S. Arena	9/19	Barre F.D./Rutland SP	1	M. Lynch#
White-eyed Vireo				9/19	Mt. Holyoke	4	S. Moore#
9/6	Acoaxet	6	M. Lynch#	9/26	Mt Wachusett	15	E. Taylor#
Blue-headed Vireo				9/26	Sunderland	5	R. Demetrius
9/12	Quabbin (G40)	4	R. Lockwood	10/2	Granville	20	S. Kellogg
9/18	MNWS	5	E. Salmela#	10/3	Chesterfield	6	R. Packard
9/19	Barre F.D./Rutland SP	22	M. Lynch#	10/7	Groton	2	T. Pirro
10/3, 12	Lexington	3, 2	M. Rines	10/12	Huntington	2	R. Packard
10/8	Wakefield	4	F. Vale	10/16	Wrentham	1	M. Faherty
10/10	Woburn	3	M. Rines	10/16	WMWS	1	B. Volk#
10/12-13	Manomet	5 b	T. Lloyd-Evans	10/19	Mt. Watatic	13	EMHW
10/14	Mt.A.	3	R. Stymeist	10/21	Gardner	7	T. Pirro
10/21	Wakefield	2	F. Vale	10/28	Boxford (C.P.)	1	J. Brown
10/24	Melrose	1	P. + F. Vale	10/30	S. Quabbin	1	M. Lynch#
Yellow-throated Vireo				Horned Lark			
9/4	Northampton	1	H. Allen	9/18	Hadley	8	S. Sumer
9/11	Nantucket	1	E. Ray	9/28	Orange	5	B. Lafley
9/11	ONWR	1	R. Lockwood	10/3	Salisbury	1	M. Resch
9/12	Boxford	3 m	J. Berry	10/17	P.I.	1	P. + F. Vale
9/12	Quabbin (G40)	2	R. Lockwood	10/24	Ipswich	2	BBC (J. Nove)
9/19	Barre F.D./Rutland SP	1	M. Lynch#	10/29	GMNWR	2	B. Lawless
9/23	Amherst	1	H. Allen	10/29	Hadley	5	P. Champlin
10/3	Brockton	1	M. Faherty	10/30	Pepperell	12	M. Resch
Warbling Vireo				Purple Martin			
9/4	Worcester	12	M. Lynch#	9/19	Nantucket	2	E. Andrews#
9/11	Milton (F. M.)	2	G. d'Entremont	9/25	GMNWR	1	S. Perkins#
9/12	Cuttyhunk	4	R. Heil#	Tree Swallow			
9/12	Wakefield	2	P. + F. Vale	9/11	P.I.	5500+	R. Heil
9/15	Woburn	1	M. Rines	9/12	S. Monomoy	5000	W. Petersen
9/19	Barre F.D./Rutland SP	1	M. Lynch#	9/18, 25	GMNWR	40, 34	S. Perkins#
Philadelphia Vireo				9/19	Westport	1800+	R. Stymeist#
9/1-30	Reports of indiv. from 17 locations			10/2	Agawam	30	S. Kellogg
9/3, 4	MNWS	8, 1	J. Tietz	10/2, 10	GMNWR	4, 1	S. Perkins#
9/11	MNWS	2	J. Hoyer#	10/3	Cumb. Farms	2000	G. d'Entremont#
9/11	P.I.	3	R. Heil	10/3	Scituate	300+	SSBC (D. Furbish)
9/12	Cuttyhunk	2	R. Heil#	10/6	Nantucket	1000	J. Hoyer#
9/18	Lexington	2	M. Rines#	10/7	Wayland	1600+	K. Hamilton
9/19	Barre F.D./Rutland SP	2	M. Lynch#	10/10	Wakefield	53	P. + F. Vale
9/21	Woburn	2	M. Rines	10/17	Seekonk	24	D. Zimmerlin
10/9	P.I.	1	D. Furbish#	10/27	W. Bridgewater	40	R. Titus
10/9	Malden	1	F. Vale	Northern Rough-winged Swallow			
10/10	Ipswich	1	J. Berry	9/2	Melrose	60+	D. + I. Jewell
Red-eyed Vireo				9/12	Wakefield	8	P. + F. Vale
9/11	P.I.	9	R. Heil	9/23	Melrose	40	D. + I. Jewell
9/11	Wellfleet	8 BBC	(R. Stymeist)	9/30	GMNWR	57	R. Lockwood
9/12	S. Monomoy	6	W. Petersen	10/1-11	GMNWR	70 max 10/9	S. Perkins#
9/12	Gay Head	5	V. Laux	10/10	Arlington Res.	12	K. Hartel#
9/12	Cuttyhunk	30	R. Heil#	10/16	Wayland	45	K. Hamilton
9/15	Medford	8	M. Rines	Bank Swallow			
9/19	Barre F.D./Rutland SP	14	M. Lynch#	9/18	Long Island	1	G. d'Entremont
9/19	S. Monomoy	6	S. Perkins#	9/18, 25	GMNWR	2, 2	S. Perkins#
9/25	MNWS	7	P. + F. Vale	9/19	S. Monomoy	3	S. Perkins#
9/26	Rockport	15	R. Heil				

<b>Barn Swallow</b>			9/29	GMNWR	2	J. Berry#	
9/6	S. Natick	5	BBC (E. Taylor)	10/3	Newbypt	8	R. Heil
9/6	Acoaxet	30+	M. Lynch#	10/3	Northampton	1	T. Gagnon
9/11	GMNWR	8	S. Perkins	10/10	Falmouth	1	R. Farrell
9/13	P.I.	2	R. Stymeist	10/11	Sterling Peat	1	M. Lynch#
9/19	S. Monomoy	5	S. Perkins#	10/16	Middleboro	1	J. Hoyer#
10/2	P'town	1	D. Brown	10/17	Uxbridge	1	J. + D. Moffett
10/3	Cumb. Farms	1	G. d'Entremont#	10/28	W. Newbury	1	R. Heil
<b>Cliff Swallow</b>			10/29	Dorchester	6	R. Donovan#	
9/11, 18,	25GMNWR	2, 2, 5	S. Perkins#	10/30	Eastham	1	D. Peacock#
9/12	Cuttyhunk	2	R. Heil#	<b>Blue-gray Gnatcatcher</b>			
9/19	S. Monomoy	1	V. Laux#	9/1	Winchester	1	M. Rines
9/26	Dorchester	5	R. Donovan	9/4	Northampton	1	H. Allen
10/3	GMNWR	1	S. Perkins#	9/11	Wellfleet	1	BBC (R. Stymeist)
<b>Boreal Chickadee</b>			9/12	Gay Head	1	V. Laux#	
10/29	Manomet	1 b	T. Lloyd-Evans	9/12	Quabbin (G40)	1	R. Lockwood
<b>Red-breasted Nuthatch</b>			9/15	Hadley	1	H. Allen	
9/5	Paxton	8+	M. Lynch#	9/26	Rockport	1	R. Heil
9/11	Wellfleet	15	BBC (R. Stymeist)	10/3	P.I.	1	BBC (S. Grinley)
9/12	Gay Head	25	V. Laux	10/3	Scituate	1	SSBC (D. Furbish)
9/12	Cuttyhunk	21	S. Perkins#	<b>Green-crowned Kinglet</b>			
9/26	Nantucket	20	E. Ray	9/19	Cape Ann	1	J. Berry
10/2	Truro	7	G. d'Entremont#	9/26	Westport	15	E. Nielsen#
10/4	Whately	5	R. Packard	9/26	P.I.	15	J. Berry
10/29	W. Boylston	12	B. Volkle	9/27	Salisbury	6	J. Berry
10/31	Quabbin (G40)	10	J. Hoyer#	10/1	MNWS	8	J. Berry
<b>Brown Creeper</b>			10/3	Chesterfield	8	R. Packard	
9/1	Petersham	1	B. Lafley	10/16	Duxbury	11	SSBC (N. Swirka)
9/2	Harwich	1	S. Hedman	10/16	Worcester	16	M. Lynch#
9/5	Paxton	1	M. Lynch#	10/19	W. Newbury	10	R. Heil
9/5	Holden	1	M. Lynch#	10/21	Wakefield	10	F. Vale
9/12	Quabbin (G40)	1	R. Lockwood	10/27	Northampton	12	R. Packard
9/12	Worc. (BMB)	1	J. Liller#	10/30	S. Quabbin	12	M. Lynch#
9/19	Barre F.D./Rutland SP11	1	M. Lynch#	<b>Ruby-crowned Kinglet</b>			
9/19	P.I.	2	R. Heil	10/1	MNWS	7	J. Berry
10/1, 15	Wakefield	2	F. Vale	10/2	P.I.	8	M. Lynch#
10/24	Melrose	1	P. + F. Vale	10/4	Burlington	6	M. Rines
10/30	Bolton	1	R. Lockwood	10/9	Malden	6	P. + F. Vale
<b>Carolina Wren</b>			10/10	Woburn	8	M. Rines	
9/1, 15	Longmeadow	3	S. Kellogg	10/10	Worcester	16	M. Lynch#
9/4, 19	Northampton	1	H. Allen	10/12	Huntington	13	R. Packard
9/6	Acoaxet	7	M. Lynch#	10/14	Arlington Res.	20	M. Rines
9/11	Wellfleet	6	BBC (R. Stymeist)	10/14	Mt.A.	8	R. Stymeist
9/12	Braintree	13	G. d'Entremont	10/15	Lexington	27	M. Rines#
9/12	Cuttyhunk	14	R. Heil#	10/17	Mattapan	9	R. Stymeist#
9/15	Medford	4	M. Rines	10/24	Boston (Fens)	10	BBC (R. Stymeist)
9/17	<b>New Salem</b>	1	B. Lafley	<b>Eastern Bluebird</b>			
9/18	MNWS	7	J. Hoyer#	9/5	Westport	16	M. Boucher
9/26	Rockport	9	R. Heil	9/18	Worc. (BMB)	9	M. Lynch#
9/30	Weston	4	M. Rines	9/19	New Salem	8	B. Lafley
10/3	Lexington	5	M. Rines	9/30	Weston	16	M. Rines
10/3, 31	Amherst	1	H. Allen	10/2	Stow	16	R. Lockwood
10/17	Mattapan	4	R. Stymeist#	10/3	Cotuit	10	G. d'Entremont#
10/28	Richmond	1	R. Packard	10/9	Agawam	30	J. LaPointe
<b>House Wren</b>			10/11	Blackstone	18	D. Furbish	
9/1	Worc. (BMB)	9	M. Lynch#	10/17	Maynard	8	L. Nachtrab
9/12	Lexington	14	M. Rines#	10/19	N. Falmouth	20	R. Farrell#
9/19	Barre F.D./Rutland SP	5	M. Lynch#	10/23	Amherst	50+	P. Champlin
9/26	Newton	5	G. d'Entremont	10/30	Granville	52	J. Weeks
9/28	W. Bridgewater	10	S. Arena	10/30	S. Quabbin	22	M. Lynch#
9/28	Arlington Res.	4	M. Rines	<b>Veery</b>			
10/4	Burlington	3	M. Rines	9/1	Worc. (BMB)	2	M. Lynch#
10/15	Lexington	1	M. Rines#	9/12	Milton	1	D. Furbish
10/24	Melrose	1	P. + F. Vale	9/12	Cuttyhunk	2	R. Heil#
<b>Winter Wren</b>			9/12	MNWS	3	J. Hoyer#	
9/26	Rockport	3	R. Heil	9/12	Hanson	20 migr	W. Petersen
10/2	P'town	2	G. d'Entremont#	9/15	Medford	3	M. Rines
10/3	Worcester	2	M. Lynch#	9/18	MNWS	1	E. Salmela#
10/15	Lexington	2	M. Rines#	9/19	Barre F.D./Rutland SP	1	M. Lynch#
10/17	HRWMA	2	T. Pirro	9/25	W. Newbury	2	R. Heil
thr	Reports of indiv. from	16 locations		<b>Gray-cheeked/Bicknell's Thrush</b>			
<b>Marsh Wren</b>			9/18	MNWS	1	L. Pivacek	
9/18	DWWS	2SSBC (D. Furbish#)	9/25	Wayland	6 heard	A. McCarthy#	

Gray-checked/Bicknell's Thrush (continued)			10/24 Methuen	500000	J. Hogan#	
10/1	MNWS	1	10/31 Newbyp.	2000+	P. + F. Vale	
10/3	Lexington	1	American Pipit			
Swainson's Thrush			9/18 Hadley	8	S. Sumner	
9/19	Lexington	1	9/23 Charlton	6	P. Meleski	
9/19	Mt. Tom	1	10/1-11 GMNWR	31 max 10/3	S. Perkins#	
9/19	Northampton	1	10/3 Bolton Flats	9	BBC (M. Lynch#)	
9/24	Newton	2	10/3 P.I.	31	R. Heil	
9/25	HRWMA	1	10/7 Orange	60	B. Lafley	
9/26	Rockport	3	10/8 Groton	20	T. Pirro	
9/27	Salisbury	1	10/10 Arlington Res.	5	K. Hartel#	
9/28	Worc. (BMB)	1	10/16 Middleboro	30	J. Hoye#	
10/1	Chatham	1	10/17, 31 Newbury	15+, 87	P. + F. Vale	
10/2	Melrose	2	10/23 W. Bridgewater	25	M. Faherty	
10/2	W. Falmouth	1	10/25 Lincoln	30	M. Rines	
10/3	Quabbin	1	10/28 Quabbin (G22)	18	B. Lafley	
10/7	Westhampton	1	10/29 Lake Lanesboro (Pont.)	6	M. Lamere	
10/11	Cambridge	2	10/30 Concord	32	M. Rines	
10/11	Mt. Watatic	1	Cedar Waxwing			
10/12	Wakefield	1-2	9/12 Cuttyhunk	275+	R. Heil#	
Hermit Thrush			9/12 Gay Head	2000	V. Laux	
9/11	Wellfleet	5	9/12 P.I.	41	BBC (S. Moore)	
9/19	Barre F.D./Rutland	SP17	9/25 Burlington	50	M. Rines#	
9/19	New Salem	4	10/16 Worcester	42	M. Lynch#	
10/12, 15	Wakefield	3, 5	10/22 Nantucket	350	fide E. Ray	
10/12, 24	Worc. (BMB)	3	10/23 Amherst	35	P. Champlin	
10/14	Mt. A.	12	Blue-winged Warbler			
10/15	Lexington	20	9/1 Worc. (BMB)	1	M. Lynch#	
10/17	Mattapan	4	9/4 New Salem	1	B. Lafley	
10/21	Rockport (H.P.)	4	9/11 Milton (F. M.)	1	G. d'Entremont	
10/24	Boston (Fens)	3	9/11 Wellfleet	1	BBC (R. Stymeist)	
10/25	Weston	4	9/12 Mt. A.	2	R. Stymeist	
10/26	Nahant	3	9/13 P.I.	1	R. Stymeist	
Wood Thrush			9/19 Stow	1	R. Lockwood	
9/4	Worcester	2	9/24 Newton	1	H. Miller	
9/6	Acoaxet	2	Golden-winged Warbler			
9/15	Medford	1	9/13 P.I.	1	J. + S. MacDougall	
9/23	Mendon	1	9/18 Long Island	1	m G. d'Entremont	
10/3	Quabbin	1	9/23 Medford	1	m R. LaFontaine	
10/11	Athol	2	"Lawrence's" Warbler			
American Robin			9/21 Stoughton	1	f R. Titus	
10/3	Bolton Flats	559	Tennessee Warbler			
10/16	Worcester	398	9/4 New Salem	1	B. Lafley	
10/23	Amherst	1000+	9/4 Granville	1	S. Kellogg	
Gray Catbird			9/12, 19	Mt. Tom	2, 1	T. Gagnon
9/1	Worc. (BMB)	74	9/18 MNWS	1	E. Salmela#	
9/6	Acoaxet	27	9/19 Chatham	1	J. Baird#	
9/11	Wellfleet	40	9/23 Amherst	1	C. Holzapfel	
9/11	P.I.	85+	9/24 Newton	1	H. Miller	
9/11	Milton (F. M.)	19	9/29 GMNWR	1	T. Roberts	
9/19	DWWS	17	10/2 Lexington	1	J. Forbes	
9/21	Stoughton	49	10/2 Stow	1	R. Lockwood	
9/26	Westport	25	10/7 Bolton Flats	1	R. Lockwood	
10/3	Bolton Flats	24	10/9 Burlington	1	M. Rines	
10/9	Mendon	1	Orange-crowned Warbler			
10/16	Wakefield	1	9/12-10/26	Reports of indiv. from 17 locations		
10/21	Lexington	1	10/30 Truro	2	D. Peacock#	
10/23	Worcester	2	Nashville Warbler			
10/28	Woburn	1	9/11 Wellfleet	3	BBC (R. Stymeist)	
Brown Thrasher			9/12 Cuttyhunk	3	R. Heil#	
9/11	ONWR	2	9/12, 10/12 Lexington	4, 2	M. Rines#	
9/11	P.I.	20	9/13 P.I.	8	R. Stymeist	
9/11	Rockport (H.P.)	15	9/14 HRWMA	3	T. Pirro	
9/15	Medford	5	9/25 Newton	3	BBC (F. Bouchard)	
9/18	Worc. (BMB)	2	10/4 Burlington	4	M. Rines	
9/21	Woburn	2	10/10 Woburn	3	M. Rines	
9/26	Rockport	5	10/28 W. Newbury	1	R. Heil	
10/3	Wakefield	2	10/31 Winchester	1	M. Rines	
10/15	Westport	3	Northern Parula			
10/31	Rockport	1	9/1 Longmeadow	2	S. Kellogg	
10/31	P.I.	1	9/12 Cuttyhunk	4	R. Heil#	
European Starling			9/12, 10/25 Lexington	7, 1	M. Rines#	
9/15	DWWS	7300	9/13 P.I.	8	R. Stymeist	

Northern Parula (continued)			
9/15	Worc. (BMB)	5	M. Lynch#
9/15	Medford	5	M. Rines
9/18	Squamton	2	G. d'Entremont
9/18	MNWS	3	E. Salmela#
9/19	Barre F.D./Rutland SP	11	M. Lynch#
9/19	Nantucket	2	E. Andrews#
10/2	Melrose	4	P. + F. Vale
10/3	Wakefield	3	P. + F. Vale
10/10	Malden	1	P. Vale
Yellow Warbler			
9/12	Lexington	7	M. Rines#
9/12	Cuttyhunk	6	R. Heil#
9/15	Worc. (BMB)	6	M. Lynch#
9/15	Longmeadow	1	S. Kellogg
9/19	Northampton	1	H. Allen
9/25	Worcester	1	M. Lynch#
10/3	Lexington	1	M. Rines
10/18	W. Bridgewater	1	S. Arena
Chestnut-sided Warbler			
9/4	New Salem	4	B. Lafley
9/12	Quabbin (G40)	5	R. Lockwood
9/15	Medford	3	M. Rines
9/18	Lexington	2	M. Rines#
9/18	MNWS	2	E. Salmela#
9/19	Chatham	1	J. Baird#
9/19	Northampton	1	S. Kellogg
9/19	Lincoln	1	J. Forbes
9/26	Nantucket	1	E. Ray
Magnolia Warbler			
9/2	Lincoln	2	M. Rines
9/4	New Salem	3	B. Lafley
9/12	Quabbin (G40)	4	R. Lockwood
9/13	P.I.	4	R. Stymeist
9/15	Worc. (BMB)	1	M. Lynch#
9/15	Medford	2	M. Rines
9/18, 10/15	Lexington	2, 1	M. Rines#
9/25	MNWS	2	P. + F. Vale
10/12	Huntington	1	R. Packard
10/12	Manomet	1 b	T. Lloyd-Evans
10/16	Squamton	1	G. d'Entremont#
Cape May Warbler			
9/11	Wellfleet	1	BBC (R. Stymeist)
9/19	Truro	1	W. Ellison
9/25	Eastham	1	S. Arena
10/3	Brockton	1	M. Faherty
10/10	P.I.	1	J. Hoye#
10/12	Nantucket	3	fide E. Ray
10/12	Manomet	1 b	T. Lloyd-Evans
Black-throated Blue Warbler			
9/4	New Salem	2	B. Lafley
9/12	Cuttyhunk	4	R. Heil#
9/26	Rockport	3	R. Heil
10/1	Newton	2 m	H. Miller
10/1	Wakefield	6	F. Vale
10/1	MNWS	7	J. Berry
10/2	Stow	2	R. Lockwood
10/2	P.I.	7	B. Crowley
10/7	Lexington	2	M. Rines
10/9	N. Truro	4	B. Volkle#
10/10	Quabbin	3	T. Gagnon
10/15	Lexington	1	R. Stymeist#
10/19	Waltham	1	J. Forbes
10/27	P'town	1	P. Trull
Yellow-rumped Warbler			
9/26	Mt. Tom	35	R. Packard
9/27, 10/15	Lexington	154, 81	M. Rines
10/2	Stow	33	R. Lockwood
10/3	Bolton Flats	271	M. Lynch#
10/4	Burlington	49	M. Rines
10/6	Nantucket	50	J. Hoye#
10/9, 24	Ipswich	50, 30	J. Berry
10/10	Truro	36	R. Lockwood#
10/10	Ashfield	30+S.	Smolen-Morton
10/10	Worcester	556	M. Lynch#
10/10	S. Quabbin	134	M. Lynch#
10/10	M.V.	40	SSBC (D. Clapp)
10/10	W. Falmouth	80	R. Farrell
10/11	GMNWR	950+	migr. S. Perkins#
10/11	E. Boston (B.I.)	50+	A. Joslin
10/12	Newbury	75	R. Heil
10/14	Mt. A.	44	R. Stymeist
10/15	Westport	300	J. Hoye#
10/17	P.I.	265	M. Lynch#
10/25	Newton	64	H. Miller
Black-throated Green Warbler			
9/5	Paxton	4	M. Lynch#
9/12	Quabbin (G40)	4	R. Lockwood
9/19	Barre F.D./Rutland SP	16	M. Lynch#
9/21	Wakefield	4	F. Vale
9/21	Woburn	6	M. Rines
9/26	Wayland	4	G. Long
10/2	Stow	5	R. Lockwood
10/4	Burlington	4	M. Rines
10/7	Nantucket	4	J. Hoye#
10/15	W. Falmouth	7	R. Farrell
10/17	Arlington Res.	2	M. Rines
10/17	GMNWR	2	D. Sibley
Blackburnian Warbler			
9/4	New Salem	1	B. Lafley
9/4	Southwick	2	S. Kellogg
9/11	Wellfleet	1	BBC (R. Stymeist)
9/12	Braintree	1	G. d'Entremont
9/12	Quabbin (G40)	1	R. Lockwood
9/12	Upton	1	N. Paulson
9/13	P.I.	1	R. Stymeist
9/19	Nantucket	1	E. Andrews#
9/19	Barre F.D./Rutland SP	1	M. Lynch#
9/19	Stow	1	R. Lockwood
9/23	Amherst	1	C. Holzapfel
9/25	Granville	1	H. Allen
10/1	MNWS	1	J. Berry
10/2	Newton	5	BBC (F. Bouchard)
10/3	Bolton Flats	7	BBC (M. Lynch#)
Yellow-throated Warbler			
9/12	S. Monomoy	1	W. Petersen
9/21	Melrose	1	D. + I. Jewell
Pine Warbler			
9/5	Stow	20+	B. Stevens#
9/5	Paxton	20+	M. Lynch#
9/5	Holden	15	M. Lynch#
9/11	Wellfleet	7	BBC (R. Stymeist)
9/12	Quabbin (G40)	42	R. Lockwood
9/18	Wachusett Res.	3	R. Lockwood
9/19	Barre F.D./Rutland SP	84	M. Lynch#
9/21, 10/1	Wakefield	2, 7	F. Vale
10/3	Mashpee	3	G. d'Entremont#
10/3	Cotuit	3	G. d'Entremont#
10/10	Melrose	4	P. + F. Vale
Prairie Warbler			
9/4	Northampton	1	T. Gagnon
9/8	Granville	1	J. Weeks
9/11	Wellfleet	1	BBC (R. Stymeist)
9/11	Milton (F. M.)	1	G. d'Entremont
9/12	Worc. (BMB)	1	J. Liller#
9/12	Cuttyhunk	1	R. Heil#
9/14	Rockport (H.P.)	1	S. Hedman
9/18	MNWS	1	L. Pivacek
9/20	Fairhaven	1 m	M. Boucher#
10/1	Truro	2	D. Comeau#
10/3	Bolton Flats	1	R. Lockwood
10/24	Boston (Fens)	1	BBC (R. Stymeist)
Palm Warbler			
9/2	Orange	2	B Coyle
9/4	GMNWR	1	S. Perkins
9/24, 10/17	Arlington Res.	5, 7	M. Rines

Palm Warbler (continued)			
9/25	Barnstable	12	J. Hoye#
9/25, 10/5	Burlington	2, 24	M. Rines#
9/25	Cumb. Farms	15+	M. Maurer
9/26, 10/25	Lincoln	4, 7	M. Rines
9/28, 10/18	W. Bridgewater	11, 9	S. Arena
10/2	Gardner	22	T. Pirro
10/3	Scituate	19	SSBC (D. Furbish)
10/3	Bolton Flats	12	R. Lockwood
10/10	Worcester	13	M. Lynch#
10/10	Quabbin	18	H. Allen
10/10	Truro	13	R. Lockwood#
10/18	W. Newbury	15	R. Heil
10/23	Amherst	20	P. Champlin
10/27	Belmont	23	M. Rines
Bay-breasted Warbler			
9/4	Southwick	3	S. Kellogg
9/4, 11	MNWS	1, 5	J. Hoye#
9/11	Wellfleet	1	K. Vespaziani
9/12	P.I.	2	J. Hoye#
9/15	Worc. (BMB)	1	M. Lynch#
9/19	Lincoln	1	M. Forbes
9/19	Barre F.D./Rutland SP	1	M. Lynch#
9/21	Wakefield	1	F. Vale
10/2	Lexington	1	J. Hoye#
10/10	Truro	1	H. C. Floyd
Blackpoll Warbler			
9/4	Northampton	1	H. Allen
9/5, 9/15	Medford	1, 9	M. Rines
9/11	Wellfleet	10	BBC (R. Stymeist)
9/11	P.I.	30+	R. Heil
9/12, 10/14	Mt.A.	5, 20	R. Stymeist
9/18	Long Island	15	G. d'Entremont
9/18, 10/15	Lexington	10, 4	M. Rines#
9/18	MNWS	20	E. Salmela#
9/18	Wachusett Res.	66	R. Lockwood
9/21	Truro	22	W. Ellison
9/21, 10/28	Woburn	14, 1	M. Rines
9/25	Burlington	16	M. Rines#
9/26	Worcester	57	M. Lynch#
10/1	Wakefield	20+	F. Vale
10/2	Arlington Res.	12+	K. Hartel#
10/12-14	Manomet	34 b	T. Lloyd-Evans
10/17	Mattapan	16	R. Stymeist#
10/24	Boston (Fens)	12	BBC (R. Stymeist)
10/26	Nahant	3	R. Heil
10/31	Worcester	1	M. Lynch#
Black-and-white Warbler			
9/11	ONWR	4	R. Lockwood
9/12	Quabbin (G40)	2	R. Lockwood
9/12	Cuttyhunk	8	R. Heil#
9/12	Braintree	2	G. d'Entremont
9/13	Granville	2	J. Weeks
9/18	Worc. (BMB)	2	M. Lynch#
9/25	P.I.	2	P. + F. Vale
10/1	Wakefield	2	F. Vale
10/2	Stow	2	R. Lockwood
American Redstart			
9/5, 9/15	Medford	6, 17	M. Rines
9/11	Wellfleet	6	BBC (R. Stymeist)
9/11	ONWR	4	R. Lockwood
9/12	Lexington	7	M. Rines#
9/12	Mt.A.	7	R. Stymeist
9/12, 14	Worc. (BMB)	4, 5	J. Liller#
9/18	Braintree	3	G. d'Entremont
9/18	Squamum	4	G. d'Entremont
9/19	Northampton	1	S. Kellogg
9/25	Burlington	4	M. Rines#
9/26	Newton	2	G. d'Entremont
10/11	Boston	1	B. Mayer
Prothonotary Warbler			
9/11	P.I.	1	R. Heil
9/12	Cuttyhunk	1 m	S. Perkins#
9/18	Oak Bluffs	1	T. Raymond
9/20	Fairhaven	1	M. LaBossiere#
Worm-eating Warbler			
10/2	P.I.	1	B. Crowley
Ovenbird			
9/1	Amherst	1	H. Allen
9/5	Arlington Res.	1	M. Rines
9/11	Wellfleet	1	BBC (R. Stymeist)
9/12	Upton	1	N. Paulson
9/12	Lexington	1	M. Rines#
9/15	Medford	1	M. Rines
9/18	Long Island	1	G. d'Entremont
9/19	Cape Ann	1	J. Berry
9/19	Barre F.D./Rutland SP	2	M. Lynch#
9/27	MNWS	1	S. Hedman
Northern Waterthrush			
9/2	Amherst	1	H. Allen
9/4	MNWS	2	J. Hoye#
9/4	Worcester	3	M. Lynch#
9/4	Arlington Res.	1	M. Rines
9/4	Northampton	1	H. Allen
9/11	Wellfleet	1	BBC (R. Stymeist)
9/12	Mt.A.	1	R. Stymeist
9/12	S. Monomoy	1	W. Petersen
9/19	Woburn	1	M. Rines#
9/20	Truro	1	J. Young
9/24	Nantucket	1	E. Ray
9/26	Cumb. Farms	1	M. Maurer#
Kentucky Warbler			
9/12	P.I.	1	J. Hoye#
Connecticut Warbler			
9/11	Grafton	1 b	M. Blazis
9/12	Easthampton	1	T. Gagnon
9/13, 24	Cummaquid	1, 1	S. Miller#
9/15	Worcester	1	M. Rines
9/15	Worc. (BMB)	2	imm M. Lynch#
9/18	MNWS	1	L. Pivacek
9/18	Dorchester	1	R. Donovan
9/18	DWWS	1	D. Furbish
9/19	Barre F.D./Rutland SP	2	imm M. Lynch#
9/23	Burlington	1	M. Rines
9/23	Lexington	1	C. Floyd
9/25	ONWR	1	E. Salmela
9/26	Wayland	1	imm G. Long
9/26	Mattapan	2	BBC(R. Stymeist)
9/26	Cumb. Farms	1	m ad M. Maurer#
9/28	Deerfield	1	P. Champlin
9/28	W. Bridgewater	1	S. Arena
10/2	Longmeadow	1	N. Eaton
10/2, 3	Hadley	1	E. Rutman#, C.Hofzapfel
10/3	Barnstable	1	J. Hoye#
Mourning Warbler			
9/7	MNWS	1	R. Heil
9/13	Cummaquid	1	S. Miller#
9/15	DWWS	1	R. Stymeist
9/15	Woburn	1	M. Rines
9/18	ONWR	1	E. Salmela#
9/21	Truro	1	W. Ellison
9/28	N. Dartmouth	1	M. Boucher
10/5	Lexington	1	M. Rines
Common Yellowthroat			
9/1	Worc. (BMB)	19	M. Lynch#
9/12	Cuttyhunk	19	R. Heil#
9/12	Lexington	6	M. Rines#
9/12	Mt.A.	8	R. Stymeist
9/19	Barre F.D./Rutland SP	35	M. Lynch#
10/3	Bolton Flats	16	M. Lynch#
10/3	Newbury	12	R. Heil
10/3	GMNWR	8	BBC (D. Lounsbury)
10/4	Burlington	9	M. Rines
10/16	Middleboro	3	J. Hoye#
10/18	W. Bridgewater	4	S. Arena
10/24	Boston (Fens)	4	BBC (R. Stymeist)

Common Yellowthroat (continued)			
10/29	Eastham (F.H.)	2	M. Faherty
10/30	GMNWR	1	M. Rines
Hooded Warbler			
9/4	Nahant	1 f	J. Hoye#
9/5	DWWS	1 m	J. Hoye#
9/11	Rockport (H.P.)	1 m	J. Hoye#
10/2	P.I.	1 m	B. Crowley
10/9	Melrose	1 m	P. + F. Vale
Wilson's Warbler			
9/11	P.I.	3	R. Heil
9/15	DWWS	2	R. Stymeist
9/15	Medford	2	M. Rines
9/19	Truro	3	W. Ellison
9/21	Woburn	3	M. Rines
9/25	Burlington	3	M. Rines#
10/2	Lexington	1	D. Wilkinson
10/3	Bolton Flats	1	R. Lockwood
10/10	Arlington Res.	1	K. Hartel#
Canada Warbler			
9/2	Amherst	1	H. Allen
9/12	Upton	1	N. Paulson
9/18	Braintree	1	G. d'Entremont
9/18	Lexington	1	M. Rines#
9/19	Chatham	1	J. Baird#
9/21	Woburn	1	M. Rines
Yellow-breasted Chat			
9/5	Chappaquiddick	1	A. Keith
9/11, 19	Gay Head	1	S. Whiting#
9/13-28	Barnstable County	3	S. Miller#
9/19	Chatham	1	J. Baird#
9/19	MNWS	1	L. Healy
9/25	Hadley	1	C. Holzapfel
9/25	Amherst	1	C. Holzapfel
9/25	Eastham	1	S. Arena
10/6	Nantucket	1	J. Hoye#
10/9	Ipswich	1	J. Berry
10/10	M.V.	1	SSBC (D. Clapp)
10/11	Dorchester	1	R. Donovan
Warbler species			
9/12	Gay Head	500	V. Laux
Scarlet Tanager			
9/2	Gardner	3	T. Pirro
9/12	Quabbin (G40)	5	R. Lockwood
9/12	Cuttyhunk	5	R. Heil#
9/15	Worc. (BMB)	3	M. Lynch#
9/19	Chatham	4	J. Baird#
9/19	Stow	7	R. Lockwood
9/25	MNWS	2	P. + F. Vale
9/25	Newton	1BBC	(F. Bouchard)
9/28	Arlington Res.	1	M. Rines
9/28	Wayland	1	G. Long
10/2	Lexington	1	J. Forbes
10/2	W. Falmouth	1	R. Farrell
10/7	Nantucket	3	J. Hoye#
Eastern Towhee			
9/11	Wellfleet	30	BBC (R. Stymeist)
9/12	Cuttyhunk	43	R. Heil#
9/18	Worc. (BMB)	16	M. Lynch#
9/19	Barre F.D./Rutland	SP22	M. Lynch#
9/19	Stow	16	R. Lockwood
9/19	Saugus	14	D. + I. Jewell
9/21	Wakefield	12	F. Vale
9/21	Truro	36	W. Ellison
9/21	Woburn	11	M. Rines
10/2	Stow	10	R. Lockwood
10/3	Lexington	2	M. Rines
10/15	Wakefield	5	F. Vale
10/29	Burlington	1	M. Rines#
10/29	Ellisville	1	M. Faherty
American Tree Sparrow			
10/21	Salisbury	1	B. Volkle
10/21	P.I.	1	B. Volkle
10/23	Northampton	2	T. Gagnon
10/29	Richmond Pd	6	M. Lamere
10/29	Lexington	4	M. Rines
10/30	Truro	6	D. Peacock#
10/30	Stow	3	R. Lockwood
Chipping Sparrow			
9/19	Winchester	20	D. + D. Oliver
9/19	New Salem	20-30	B. Lafley
10/10	S. Deerfield	65	P. Champlin
10/11	Newton	40	BBC (C. + J. Hepburn)
Clay-colored Sparrow			
9/12, 19	Gay Head	1, 2	S. Whiting#, A. Keith#
9/18	Belmont	1	M. Rines#
9/18	Truro	1	B. Nikula
9/18	Lexington	1	C. Floyd
9/25	Weymouth	2	J. Hoye#
9/26	Boston (Fens)	1	BBC (R. Stymeist)
9/29	W. Bridgewater	1	M. Faherty
10/2	Newton	1	BBC (F. Bouchard)
10/3-4	Wayland	1	G. Long
10/5	Boston	1	S. Perkins#
10/5	Lexington	1	M. Rines
10/7-17	Dorchester	1	R. Donovan#
10/10	S. Quabbin	1	M. Lynch#
10/10-11	Deerfield	1	P. Champlin
10/15	Westport	1	J. Hoye#
10/17	GMNWR	1	D. Sibley
10/25	Wellfleet	1	J. Sones#
Field Sparrow			
9/11	Wellfleet	6	BBC (R. Stymeist)
9/19	Truro	18	W. Ellison
9/19	Barre F.D./Rutland	SP 3	M. Lynch#
10/10	S. Deerfield	2	P. Champlin
10/10	Melrose	2	P. + F. Vale
10/10	S. Quabbin	6	M. Lynch#
10/14	Mt.A.	2	R. Stymeist
10/15	Westport	3	J. Hoye#
10/16	Blackstone	2	D. Furbish
10/16	Worcester	8	M. Lynch#
10/17	Gloucester (E.P.)	4	J. Center
10/17	P.I.	8	B. Volkle#
10/17	Uxbridge	2	J. + D. Moffett
10/21	Salisbury	3	B. Volkle
10/25	Newton	2	H. Miller
10/29	Burlington	2	M. Rines
10/30	Stow	5	R. Lockwood
Vesper Sparrow			
9/11	Wellfleet	2	BBC (R. Stymeist)
9/19	Northampton	1	S. Kellogg
9/26	Wayland	1	G. Long
9/27	GMNWR	2	K. Dorsey
9/28	Deerfield	3	P. Champlin
9/29	W. Bridgewater	1	M. Faherty
10/5	Longmeadow	2	N. Eaton
10/6	Newbury	1	IMAS (N. Soulette#)
10/9	Worcester	1	M. Lynch#
10/10	M.V.	2	SSBC (D. Clapp)
10/10	Truro	1	R. Lockwood#
10/10-11	Deerfield	2	P. Champlin
10/16	Belmont	1	C. Floyd
10/17	Gardner	1	T. Pirro
10/23	W. Bridgewater	4	M. Faherty
10/29	Hadley	1	P. Champlin
Lark Sparrow			
9/18	Lexington	1	M. Rines#
Lark Bunting *			
9/5-6, 24	N. Weymouth 1 ad f		K. Vespaziani + v.o.
Savannah Sparrow			
9/2	Rochester	21	M. Boucher
9/19	S. Monomoy	18	S. Perkins#
9/25	HRWA	25+	T. Pirro
9/27	Newbury	60	R. Heil
9/28	Arlington Res.	22	M. Rines

Savannah Sparrow (continued)			
10/1-31	GMNWR	100+ max 10/10	S. Perkins#
10/3, 26	Newbury	175, 120	R. Heil
10/3	Bolton Flats	175	M. Lynch#
10/10	S. Deerfield	75+	P. Champlin
10/11	Sterling Peat	44	M. Lynch#
10/12	Wayland	25+	G. Long
10/15	Lexington	47	M. Rines#
10/27	W. Bridgewater	126	R. Titus
Ipswich Sparrow			
10/16	Newbypt	1	R. Lockwood
10/17	Salisbury B.	2	M. Resch
10/24	P.I.	1	J. Center
10/29	Gloucester	1	P. Akers
10/29	Plymouth B.	1	M. Faherty
10/30	Eastham	7	D. Peacock#
Grasshopper Sparrow			
9/29	Newbypt	1	IMAS (N. Soulette#)
10/16-19	Dorchester	1	R. Donovan#
10/23	Amherst	2	P. Champlin
10/28	Deerfield	2	P. Champlin
Henslow's Sparrow *			
10/26	Newbury	1	R. Heil
Le Conte's Sparrow *			
10/15-17	Dorchester	1	R. Donovan#
10/19	Deerfield	1	R. Packard
10/22	W. Bridgewater	1	W. Petersen
Sharp-tailed Sparrow			
10/10	Salisbury	1	J. Hoye#
10/24	Eastham (F.H.)	6	M. Sylvia
Saltmarsh Sharp-tailed Sparrow			
9/7	Falmouth	1	R. Farrell
9/12	Dartmouth	5	R. Heil
9/13	P.I.	6	R. Stymeist
9/18	Squantum	1	G. d'Entremont
9/20	Fairhaven	4	M. Boucher
9/26	Nantucket	14	E. Ray
10/3	Newbypt	54	R. Heil
10/10	Salisbury	2	J. Hoye#
10/16	Newbypt	32	R. Lockwood
10/16	Dorchester	1	R. Donovan#
10/24	Eastham (F.H.)	3	M. Sylvia
Nelson's Sharp-tailed Sparrow			
9/19	P.I.	1	R. Heil
9/26	Northampton	1	T. Gagnon
10/3	Bolton Flats	1	M. Lynch#
10/3	GMNWR	1	S. Perkins#
10/3	Newbypt	7	R. Heil
10/12	Newbury	3	R. Heil
10/13	Northampton	1	B. Bieda
10/13	Wayland	1	J. Hoye#
10/17	P.I.	1	M. Lynch#
10/29-30	Dorchester	1	R. Donovan#
Seaside Sparrow			
9/6	Nantucket	1	K. Hartel
9/11	P.I.	2	R. Heil
10/3	Newbypt	3	R. Heil
10/24	Eastham (F.H.)	2	M. Sylvia
Fox Sparrow			
10/12	Huntington	1	R. Packard
10/24	Shirley	1	J. Bartos
10/24	W. Newbury	5	D. Furbish#
10/26-31	Maynard	1	L. Nachtrab
10/29	Hadley	20	P. Champlin
10/31	Quabbin (G40)	1	J. Hoye#
10/31	Worcester	3	M. Lynch#
Lincoln's Sparrow			
9/12-10/20	Reports of 1-2 indiv. from 24 locations		
9/19	Truro	4	W. Ellison
9/25	Burlington	3	M. Rines#
9/25	HRWMA	7	T. Pirro
9/25	Cumb. Farms	6	M. Maurer
9/26	Worcester	4	M. Lynch#
9/27	Newbury	4	R. Heil
9/28	W. Bridgewater	12	S. Arena
9/28	Arlington Res.	4	M. Rines
10/2	Newton	3	3BBC (F. Bouchard)
10/3	Newbury	4	R. Heil
10/3	Wayland	6	S. Moore#
10/3	Lexington	3	M. Rines
10/3	Bolton Flats	4	M. Lynch#
10/26	Deerfield	1	H. Allen
Swamp Sparrow			
9/25	HRWMA	20+	T. Pirro
10/1-31	GMNWR	90 max	S. Perkins#
10/2	Truro	15	G. d'Entremont#
10/3	Newbury	52	R. Heil
10/3	Bolton Flats	158	M. Lynch#
10/18	W. Bridgewater	140	S. Arena
10/24	Marshfield	14	G. d'Entremont
10/24	Wayland	75+	BBC (B. Howell)
White-throated Sparrow			
9/1	Worc. (BMB)	1	M. Lynch#
9/12	Squantum	2	G. d'Entremont
9/12	P.I.	4	M. Lynch#
9/26	Rockport	105	R. Heil
10/3	Bolton Flats	108	BBC (M. Lynch#)
10/10	Ipswich	60	J. Berry
10/14	S. Boston	70	R. Donovan
10/14	Mt.A.	162	R. Stymeist
10/15	Worcester	450+	M. Lynch#
10/16	Squantum	60	G. d'Entremont#
10/16	Melrose	75+	P. + F. Vale
White-crowned Sparrow			
9/23-10/31	Reports of 1-3 indiv. from 23 locations		
10/3	Bolton Flats	5	M. Lynch#
10/10	Deerfield	8	P. Champlin
10/10	S. Deerfield	8	P. Champlin
10/12	Wayland	4	G. Long
10/12	Huntington	4	R. Packard
10/12	DWWS	4	D. Furbish
10/15	Westport	5	J. Hoye#
10/15	Lexington	7	M. Rines#
10/16	Northampton	12	T. Gagnon
10/16	Burlington	4	M. Rines
10/16	Melrose	5	P. + F. Vale
10/17	HRWMA	8	T. Pirro
10/17	Ipswich	4	BBC (T. Young)
10/18	W. Bridgewater	5	S. Arena
10/19	Deerfield	10	R. Packard
10/23	Worcester	8	M. Lynch#
10/23	Amherst	5	P. Champlin
10/27	Agawam	4	J. LaPointe
Dark-eyed Junco			
9/11	P.I.	1	R. Heil
9/15	Mt. Wachusett	18	P. + F. Vale
9/19	Saugus	1	D. + I. Jewell
9/19	Yarmouthport	3	S. Miller#
9/19	Barre F.D./Rutland SP	3	M. Lynch#
9/19	Plymouth Beach	1	J. Young
10/14	Mt.A.	75	R. Stymeist
10/16	Princeton	120+	B. Volkle#
10/18	Dennis	350	K. Hamilton
10/23	Worcester	137	M. Lynch#
10/27	Maynard	70	L. Nachtrab
10/29	Hadley	750	P. Champlin
10/30	S. Quabbin	184	M. Lynch#
Oregon Junco			
10/20	Amherst	1	H. Allen
Lapland Longspur			
10/17	P.I.	23	B. Volkle#
10/25	Groton	1	T. Pirro
10/27	W. Bridgewater	3	R. Titus
10/29	Plymouth B.	2	M. Faherty
10/29	Hadley	1	P. Champlin
10/30	Salisbury	6	J. Hoye#

<b>Lapland Longspur (continued)</b>			
10/31	P.I.	15	P. + F. Vale
<b>Snow Bunting</b>			
10/11	Worcester	12	M. Lynch#
10/19	Mt. Watatic	128	EMHW
10/24	Chatham (S.B.)	60+	B. Nikula#
10/28	Lanesboro (Pont.)	30	R. Packard
10/28	W. Newbury	10	R. Heil
10/29	Arlington Res.	24	M. Rines
10/29	Nantucket	125	E. Ray
10/29	Lake Lanesboro (Pont.)	30	M. Lamere
10/29	Ipswich (C.B.)	375	K. Disney
10/29	Hadley	4	P. Champlin
10/29	Plymouth B.	45	M. Faherty
10/30	GMNWR	72	M. Rines
10/31	P.I.	200	R. Lockwood#
10/31	Gloucester	55	D. + S. Larson
10/31	Salisbury	100+	P. + F. Vale
10/31	Quabbin	60	T. Gagnon
10/31	Rockport (A.P.)	70	D. + S. Larson
<b>Rose-breasted Grosbeak</b>			
9/1	Worc. (BMB)	11	M. Lynch#
9/12	Mt. A.	2	R. Stymeist
9/12	MNWS	2	J. Hoye#
9/15	Worc. (BMB)	9	M. Lynch#
9/19	Barre F.D./Rutland SP	3	M. Lynch#
9/19	DWWS	2	G. d'Entremont
9/19	Nantucket	3	E. Andrews#
9/25	Burlington	1	M. Rines#
9/25	E. Boxford	1	J. Brown#
9/25	Lexington	1	M. Rines
9/26	Cuttyhunk	2	P. Kile
9/27	Becket	1	R. Laubach
9/27	Malden	2	D. + I. Jewell
10/3	Bolton Flats	1	M. Lynch#
10/3	Newbury	1	R. Heil
<b>Blue Grosbeak</b>			
9/12	Cuttyhunk	1	R. Heil#
9/13	Cummaquid	1	S. Miller#
9/24	Nantucket	1	E. Ray
9/25	Cumb. Farms	2	M. Maurer
10/1	Truro	4	D. Comeau
10/10	M.V.	1	SSBC (D. Clapp)
10/10	Wayland	1	E. Salmela
10/29	Nantucket	1	E. Ray
<b>Indigo Bunting</b>			
9/12	Cuttyhunk	5	R. Heil#
9/19	Truro	7	W. Ellison
9/25	W. Newbury	5	R. Heil
9/25	Lexington	9	M. Rines
9/26	Wayland	9	G. Long
9/26	Cumb. Farms	20+	M. Maurer#
9/28	Arlington Res.	4	M. Rines
9/29	W. Bridgewater	4	M. Faherty
10/2	W. Falmouth	6	R. Farrell
10/2	Truro	6	G. d'Entremont#
10/3, 26	Newbury	4, 1	R. Heil
10/5	Lexington	10	M. Rines
10/10	Malden	3-4	P. + F. Vale
10/10	M.V.	3	SSBC (D. Clapp)
10/16	Wakefield	1	P. + F. Vale
10/16	Woburn	1	P. + F. Vale
<b>Dickcissel</b>			
9/2	Rochester	8	M. LaBossiere
9/12	Cuttyhunk	2	R. Heil#
9/12-10/31	Reports of indiv. from 21 locations		
9/25	Barnstable	2	J. Hoye#
10/2	P'town (R. P.)	4	G. d'Entremont#
10/3-4, 12	Wayland	1 imm	G. Long
<b>Bobolink</b>			
9/4, 18, 25	GMNWR	200, 40, 15	S. Perkins#
9/12	Gay Head	800	V. Laux
9/25	W. Newbury	36	R. Heil
9/25, 26	Cumb. Farms	20, 25+	M. Maurer
9/27	Lexington	24	M. Rines
10/2, 10	GMNWR	8, 3	S. Perkins#
10/3	Newbury	13	R. Heil
10/6	Nantucket	1	J. Hoye#
10/13	Northampton	1	H. Allen
10/15	Lexington	1	M. Rines#
<b>Red-winged Blackbird</b>			
10/3	Bolton Flats	1657	M. Lynch#
10/21	Wayland	950	K. Hamilton
10/28	W. Newbury	800+	R. Heil
<b>Eastern Meadowlark</b>			
10/5	Northampton	1	R. Packard
10/9	W. Newbury	2	P. + F. Vale
10/16	Blackstone	2	D. Furbish
10/19	DWWS	3	D. Furbish
10/23	P.I.	2	BBC (W. Drummond)
10/23	Dorchester	3	R. Donovan
10/24	Falmouth	1	R. Farrell#
10/24	Boston (B.I.)	2	BBC (R. Stymeist)
<b>Yellow-headed Blackbird</b>			
9/14-20	Cummaquid	1 ad f	S. Miller#
9/26	Dorchester	1	R. Donovan
10/7	P'town	1 imm	P. Trull#
10/31	Avon	1 ad m	R. Titus
<b>Rusty Blackbird</b>			
9/9	Athol	5	B Coyle
9/19	WBWS	3	D. + S. Larson
9/19	Truro	3	W. Ellison
9/27	Newbury	5	R. Heil
10/2-11	GMNWR	27 migr. max	10/11 S. Perkins#
10/5	Northampton	14	R. Packard
10/5	Bolton Flats	44	R. Lockwood
10/12	Brockton	8	M. Faherty
10/15	Lexington	30	M. Rines#
10/16	Worcester	4	M. Lynch#
10/22	Longmeadow	65	N. Eaton
10/22	DWWS	23	D. Furbish
10/23	W. Concord	8	D. Lange
10/26	Granville	30	S. Kellogg
10/26-31	Wayland	90	K. Hamilton
10/27	W. Bridgewater	3	R. Titus
10/28	Lanesboro (Pont.)	30	R. Packard
10/29	Hadley	2	P. Champlin
10/31	Natick	4	G. Long
<b>Brewer's Blackbird</b>			
10/29	Orange	1 f	J. Johnstone#
<b>Common Grackle</b>			
9/17	Worcester	1000+	M. Lynch#
9/22	N. Dartmouth	1000+	M. Boucher
10/9	Medford (Fells)	1200+	BBC (D. Oliver)
10/21-31	Wayland	4000+	K. Hamilton
10/24	Methuen	'millions'	J. Hogan#
10/28	W. Newbury	10,000+	R. Heil
<b>Brown-headed Cowbird</b>			
9/23	Marshfield	216	D. Furbish
10/3	Cumb. Farms	200	G. d'Entremont#
10/7	Bedford	450	R. Lockwood
10/7	Wayland	350	K. Hamilton
10/24	Newbypt.	2200	D. Furbish#
<b>Baltimore Oriole</b>			
9/1	Worc. (BMB)	4	M. Lynch#
9/12	Cuttyhunk	7	R. Heil#
9/12	S. Monomoy	8	W. Petersen
9/13	P.I.	3	R. Stymeist
9/19	N. Dartmouth	2	M. Boucher
9/19	S. Monomoy	8	S. Perkins#
9/19	Woburn	2	M. Rines#
9/19	Chatham	2	J. Baird#
9/23	Rockport	1	J. Berry
9/24	Wakefield	1	F. Vale
9/25	Lexington	1	M. Rines
9/27	Salisbury	1	J. Berry

Baltimore Oriole (continued)			10/30	Lexington	3	M. Rines#
10/10 Truro	1	R. Lockwood#	10/30	S. Monomoy	6	G. Martin#
10/24 Burlington	1	M. Rines	10/31	Worcester	1	M. Lynch#
10/29 Ellisville	1	M. Faherty	10/31	Salisbury	14	R. Stymeist#
10/31 DWWS	1	M. Emmons	Pine Siskin			
Pine Grosbeak			9/1	Amherst	1	H. Allen
10/6 W. Newbury	4	R. Heil	9/20	E. Boxford	1	J. Brown#
10/7 Amesbury	5	R. Heil	9/26	Rockport (H.P.)	2	R. Heil
10/15 Westport	11	J. Hoye#	9/27	Newbury	1	R. Heil
10/29 Worcester	1	M. Lynch#	10/5	Natick	1	G. Long
10/30 S. Quabbin	1	M. Lynch#	10/6	Marion	1	M. Maurer
Purple Finch			10/7	Dorchester	2	R. Donovan
9/2 S. Monomoy	6+	J. Sones#	10/10	WBWS	3	D. + S. Larson
9/2 Gardner	4	T. Pirro	10/10	Worcester	39	M. Lynch#
9/4 New Salem	3 yg	B. Lafley	10/10	Quabbin	35	T. Gagnon
9/13 P.I.	3	R. Stymeist	10/11	Ashfield	3	S. Smolen-Morton
9/15 Hadley	10	H. Allen	10/15	W. Falmouth	35	R. Farrell
9/19 Barre F.D./Rutland SP	5	M. Lynch#	10/15	Middleboro	30+	K. Holmes
9/21 Stoughton	6	R. Titus	10/15	Wesport Point	30-40	K. Preston
9/21 Truro	10	W. Ellison	10/15-31	Reports of 1-10 indiv. from 27 locations		
10/3 Bolton Flats	3	M. Lynch#	10/16	Falmouth	20+	B. Good
10/6 Burlington	4	M. Rines	10/17	Manchester	40	C. Corley
10/8 Northboro	3	B. Volkle	10/17	S. Middleboro	34	M. Maurer
10/10 Ashfield	5	S. Smolen-Morton	10/19	E. Middleboro	25	K. Anderson
10/10 Worcester	213	M. Lynch#	10/19	Wareham	27	M. LaBossiere
10/12, 15 Haydenville	3, 2	R. Packard	10/20	Mattapoisett	17	M. LaBossiere
10/17 HRWMA	3	T. Pirro	10/22	Arlington	11	M. Rines
10/19, 22 Framingham	1, 4	K. Hamilton	10/26	Westford	10	L. Clark
10/28 W. Newbury	5	R. Heil	10/27	Southwick	12	S. Kellogg
thr Reports of 1-2 indiv. from 24 locations			10/28	W. Newbury	15+	R. Heil
Red Crossbill			10/28	Deerfield	15	P. Champlin
10/4 Williamsburg	5	R. Packard	10/28	Mt. Sugarloaf	15	P. Champlin
10/4 Whately	5	R. Packard	10/29	Nantucket	30	E. Ray
10/18 Essex	1	P. Brown	10/30	S. Quabbin	16	M. Lynch#
10/27 P.I.	4	B. Murphy	10/thr	Boxford	18 max	K. Disney
10/28 W. Newbury	4	R. Heil	Evening Grosbeak			
10/29 Nantucket	47	E. Ray	9/15	Washington	6	E. Neumuth
10/30 Gardner	3	T. Pirro	10/3	Pepperell	1	M. Resch
10/31 Rockport (H.P.)	3	R. Heil	10/21	Lenox	4	R. Laubach
10/31 Salisbury	4	D. Lounsbury	10/24	Duxbury	1	D. Murphy
White-winged Crossbill			10/27	Pittsfield	2	R. Ferren
10/26 Newbury	1	R. Heil	10/28	Northampton	3	M. Taylor
10/30 Fort Hill	1	D. Koepfen#	10/28	Northfield	3	M. Taylor
10/30 Rockport	3	J. Hoye#	10/29	Nantucket	3	E. Ray
10/31 Salisbury	1 f	P. + F. Vale	10/29	Lenox	9	R. Laubach
Common Redpoll			10/30	New Salem	4	J. Forbes
10/28 Pepperell	1	M. Resch	10/30	New Salem	1	B. Lafley
10/29 Dorchester	1	R. Donovan	10/30	Gardner	5	T. Pirro
10/30 Gardner	2	T. Pirro	10/31	Worcester	1	M. Lynch#

## HOW TO CONTRIBUTE BIRD SIGHTINGS TO BIRD OBSERVER

This publication prints monthly compilations of reports of birds seen in Massachusetts and offshore waters. Space does not permit the inclusion of all material submitted. However, bird sightings sent to Bird Observer are archived at the Massachusetts Audubon Society. Our compilers select and summarize for publication sightings that provide a snapshot of birdlife during the reporting period. These sightings include early and late dates for migratory species, maximum counts of migrants and some common birds, and species found beyond their normal ranges.

Sightings for any given month must be reported in writing by the eighth of the following month. Send to Bird Sightings, Robert H. Stymeist, 94 Grove Street, Watertown, MA 02172. Please organize reports by month and by species in current A.O.U. checklist order. Include name and phone number of observer, common name of species, date of sighting, location, number of birds, number of observers, and information relevant to age, sex, morph, etc.

Species on the Review List of the Massachusetts Avian Records Committee, as well as species unusual as to place, time, or known nesting status in Massachusetts should be reported promptly to the Massachusetts Avian Records Committee, c/o Wayne Petersen, Massachusetts Audubon Society, South Great Road, Lincoln, MA 01773.

## LIST OF ABBREVIATIONS

ad	adult	I.	Island
alt	alternate	L.	Ledge
b	banded	M.V.	Martha's Vineyard
br	breeding	Mt.A.	Mount Auburn Cemetery, Cambridge
dk	dark (phase)	Nant.	Nantucket
f	female	Newbypt	Newburyport
fl	fledged	P.I.	Plum Island
imm	immature	Pd	Pond
ind	individuals	P'town	Provincetown
juv	juvenile	Quab.	Quabbin Reservoir
loc	location	Res.	Reservoir
lt	light (phase)	R.P.	Race Point, Provincetown
m	male	S.B.	South Beach, Chatham
max	maximum	S. Dart.	South Dartmouth
migr	migrating	S.N.	Sandy Neck, Barnstable
n	nesting	Stellw.	Stellwagen Bank
ph	photographed	Worc.	Worcester
pl	plumage	Barre F.D.	Barre Falls Dam, Barre, Rutland, Oakham
pr	pair	BBC	Brookline Bird Club
S	summer (1S = first summer)	BMB	Broad Meadow Brook, Worcester
thr	throughout	CCBC	Cape Cod Bird Club
vid	videotaped	DFWS	Drumlin Farm Wildlife Sanctuary
v.o.	various observers	DWMA	Delaney Wildlife Management Area
W	winter (2W = second winter)		Stowe, Bolton, Harvard
w/	with	DWWS	Daniel Webster Wildlife Sanctuary
yg	young	EMHW	Eastern Massachusetts Hawk Watch
#	additional observers	GMNWR	Great Meadows National Wildlife Refuge
A.A.	Arnold Arboretum, Boston	HRWMA	High Ridge Wildlife Management Area, Gardner-Westminster
A.P.	Andrews Point, Rockport	IRWS	Ipswich River Wildlife Sanctuary
A.Pd	Allens Pond, S. Dartmouth	LBS	Local Bird Survey
Arl.	Arlington	LCES	Lloyd Center for Environmental Studies
B.	Beach	MARC	Massachusetts Avian Records Committee
B.I.	Belle Isle, E. Boston	MAS	Massachusetts Audubon Society
B.R.	Bass Rocks, Gloucester	MBO	Manomet Observatory
Cambr.	Cambridge	MBWMA	Martin Burns Wildlife Management Area, Newbury
C.B.	Crane Beach, Ipswich	MDFW	MA Division of Fisheries and Wildlife
Corp. B.	Corporation Beach, Dennis	MNWS	Marblehead Neck Wildlife Sanctuary
C.P.	Crooked Pond, Boxford	MSSF	Myles Standish State Forest
Cumb. Farms	Cumberland Farms, Middleboro-Halifax	NAC	Nine Acre Corner, Concord
E.P.	Eastern Point, Gloucester	NBC	Needham Bird Club
F.E.	First Encounter Beach, Eastham	NEHW	New England Hawk Watch
F.H.	Fort Hill, Eastham	ONWR	Oxbow National Wildlife Refuge
F.M.	Fowl Meadow, Milton	Pont.	Pontoosuc Lake, Lanesboro
F.P.	Fresh Pond, Cambridge	SRV	Sudbury River Valley
F.Pk	Franklin Park, Boston	SSBC	South Shore Bird Club
G40	Gate 40, Quabbin	TASL	Take A Second Look Harbor Census
G45	Gate 45, Quabbin	USFWS	US Fish and Wildlife Service
H.P.	Halibut Point, Rockport	WBWS	Wellfleet Bay Wildlife Sanctuary
H.	Harbor	WMWS	Wachusett Meadow Wildlife Sanctuary

\* Indicates a species on the review list of the Massachusetts Avian Records Committee (MARC). Because these sightings are generally published before the MARC votes, they normally have not been approved by the MARC. The editors publish records that are supported by details, multiple observers, or both.

# ABOUT THE COVER

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## Mongolian Plover

Nothing causes a surge of adrenaline in a birdwatcher more than finding a truly rare vagrant bird, and in New England a Mongolian Plover (*Charadrius mongolus*) is just such a bird. Some authorities call this species Lesser Sandplover, a fact that focuses attention on its similarity to the Greater Sandplover (*C. leschenaultii*). The Mongolian Plover is an Asiatic species that regularly occurs as a migrant in extreme western Alaska, as well as casually along the Pacific Coast south to California. The species has also irregularly nested in northern and western Alaska. Elsewhere in the United States, the Mongolian Plover is an accidental vagrant that has only twice appeared on the Atlantic Coast, once in New Jersey (1990) and once in Rhode Island (1999).

The Mongolian Plover is slightly larger than a Semipalmated Plover and is quite striking in breeding plumage. Both sexes display a more or less ruddy or cinnamon head and breast coloration that sets off a plain white throat. Males possess a black mask and a thin black line that extends above the white of the forehead. Most male Mongolian Plovers also possess a thin line of black separating the white throat from the ruddy breast, a feature that, along with a more extensive reddish breast band, helps to distinguish them from the similarly plumaged male Greater Sandplover. In winter plumage the two species of sandplover are very similar; even the shorter, stubbier bill of the Mongolian Plover is a difficult characteristic to determine unless both species are seen together. The plumage of juvenile Mongolian Plovers resembles that of adults in winter.

Mongolian Plovers are polytypic, with five subspecies generally recognized. The species has a disjunct breeding distribution across Siberia south to Tibet, Kashmir, and central China, a distribution that no doubt has contributed to the evolution of subspecific differences. Interior subspecies winter along the Indian Ocean south along the East Coast of Africa, and the more eastern Siberian populations winter from China to Australia.

Mongolian Plovers usually breed close to streams from tree line up to 16,000 feet on sandy steppes and tundra areas with sparse vegetation. Their calls have been variously described as *tik-it*, *pip-ip*, *chitik* or *chiktic*, *tirrit-tirrit-tirrit* or *tirrir-it*, and have sometimes been likened to the calls of Ruddy Turnstones. On the breeding grounds males produce a *kruit-kruit* call, both on the ground and in flight. In addition, they have an aerial display that includes calling *tekr-ryuk* while flying in broad circles with a slow, gliding flight; on the ground, they perform a wing-lifting display. Males often build one or more "dummy" nests, but the real nest is a shallow scrape on the ground lined with leaves or stems. The usual clutch is three eggs. There is disagreement among ornithologists over the division of parental duties in this understudied plover. Both sexes develop brood patches but some authorities contend that only the female incubates and broods, while others report that the male also participates in this task. Whenever potential predators approach the nest the male performs a wing-drooping, tail dragging distraction display. Incubation is reported to last 22-24 days. The precocial young feed themselves

soon after hatching, even though one or both parents accompany them until the four to five-week fledging period is complete.

In winter Mongolian Plovers forage mostly along tidal flats and estuaries, as well as in salt pannes and salt marshes. They also occasionally feed on sandy beaches, in mangroves, or on upland airfields. Although they sometimes stalk marine worms that are in burrows, their usual foraging method is a run-stop-peck procedure, feeding by sight rather than by probing. Like many other small plover species, they sometimes rapidly vibrate their feet in sand or mud, presumably to disturb prey. On the breeding grounds, their diet is comprised of terrestrial insects, but in winter small mollusks, amphipods, and a variety of other small crustaceans and marine worms make up their diet. Even though they are mostly solitary when foraging, at other times they regularly associate with other shorebird species.

Little is known about the conservation status of this species when it is in its remote highland habitat; however, the rigors of undertaking extensive migrations undoubtedly take their toll. Like many species having long migration routes, Mongolian Plovers appear with some regularity in far away places. Perhaps someday one will thrill the Massachusetts birding community! 

William E. Davis, Jr.

## About the Cover Artist

Dan Lane has been a birder and interested in bird art since the age of five. He grew up in the New York suburbs of New Jersey, but his love of birding, particularly his interest in tropical American birds drove him to travel the continent and beyond. Dan recently received a master's degree from the ornithology program at Louisiana State University and is now a research associate of the LSU Museum of Natural Science. He has participated in four LSU research expeditions to study the avifauna in remote areas in South America. One of the highlights of his first trip to Peru, in 1996, was the discovery of a species of barbet new to science. Dan and coauthors will shortly submit the species description to *The Auk*. Recently, Dan has been busy illustrating Academic Press' *Ecotourist Guides to Ecuador* (to be published in February), and *Ecotourist Guides to Peru* (to be published by the end of 2000), two plates for Paul Johnsgard's *Trogons of the World*, and the T-shirt for this year's Rio Grande Valley Birding Festival (a Ferruginous Pygmy-Owl). Dan also leads birding tours for WINGS. It was on just such a tour to Alaska in June 1999 that he made the field sketches of a breeding plumaged Mongolian Plover that provided the material for this cover illustration. 

## AT A GLANCE

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December 1999



*Photograph by Wayne R. Petersen*

The final At A Glance photo of the twentieth century depicts three of everybody's favorites — large gulls. Despite the chilling effect that some birders seem to feel when faced with identifying large larids, try taking a crack at sorting out the images in this month's photo quiz.

First, based on the hefty overall structure, as well as the light leg and bill pattern of the three birds in the picture, it is reasonable to assume that they are all big gulls, as opposed to small, hooded gulls (e.g., Laughing, Little, Black-headed, Bonaparte's) or Black-legged Kittiwakes. It is also important to also note that two of the gulls in the picture have white wing tips and one has black wing tips.

Most Massachusetts birders are probably aware that the majority of large gull species have black wing tips. Indeed, only the Iceland and Glaucous Gull have white wing tips along with light-colored bills and legs (the smaller Ivory Gull has black legs and a dark bill with a light tip). Given these realities, it is obvious that at least two species of gulls are represented in the photograph.

The gull in the photograph with black wing tips, a medium-toned gray (?) mantle, what appears to be a pale eye, and a size at least comparable to the bird behind it in the picture collectively suggest that the bird is a Herring Gull (*Larus argentatus*). In addition, there is no black on the bill, a feature which helps to eliminate California Gull, and which is obvious on the other two birds in the picture. Although difficult to see, the

dark-mantled individual also has white apical spots on the ends of its folded primaries. These prominent spots and the total absence of dusky markings on the wing coverts, head, and underparts all suggest that the bird is an adult.

Looking at the other two gulls in the photograph, it is interesting to note that 1) they have white wing tips, 2) they have distinct dark rings near the distal end of their bills, 3) the mantle coloration of the bird in the foreground appears to be slightly darker than that of the bird in the background, and 4) the bird in the foreground appears to be noticeably smaller than either of the other two birds in the photograph. From what has already been stated, the most likely candidate for the identification of these birds is either Glaucous Gull or Iceland gull.

From the information visible in the picture, it is fair to assume that both of the "white-winged" gulls are in immature plumage. The fact that there is a marked contrast between the light gray mantle color and the white primary and secondary coverts, as well as a dark band near the tip of the bill, indicates that the birds are probably in either first-summer or second-winter plumage. At this point it is necessary to specifically distinguish between Glaucous and Iceland gull.

Although many Massachusetts birders are undoubtedly familiar with these two species, a brief review of the key distinctions may nonetheless be helpful. Glaucous Gulls are typically large, heavy-chested gulls which, in immature plumage, usually have either a black tip or a dark subterminal ring near the end of the bill. Male Glaucous Gulls are as large, or larger than Herring Gulls (females are slightly smaller), and their head shape tends to exhibit a somewhat flat-headed, sloping forehead profile. Because they also have a shorter wing-to-tail ratio than Iceland Gulls, they present a more compact, less attenuated wing profile than Iceland Gulls. Iceland Gulls typically exhibit a decidedly rounder-headed, gentler profile than do Glaucous Gulls. Additionally, Iceland Gulls often exhibit more extensively dusky bills than Glaucous Gulls in corresponding plumage; however, this last difference is somewhat variable depending upon the precise age of the individual gull in question.

With these facts in mind, it would appear that the large gull in the picture behind the Herring Gull is a typical Glaucous Gull (*Larus hyperboreus*) in second-year plumage. A close comparison between the smaller individual in the foreground and the Glaucous Gull suggests that the bill pattern and overall shape of the two birds is nearly identical, the most noticeable difference being a slightly darker mantle coloration in the smaller bird. Indeed, this gull is also a Glaucous Gull, except that it represents a different subspecies (*L. h. barrovianus*). The race *barrovianus* — a smaller, shorter-billed, and slightly darker-mantled race than *hyperboreus* — breeds in the northern Yukon and western Mackenzie areas of northern Canada.

In summary, the photograph depicts two Glaucous Gulls of two distinct subspecies, as well as one Herring Gull. The picture was taken in early summer in Inuvik, Northwest Territories. Present at the same dump were a number of "Nelson's" Gulls - Glaucous X Iceland hybrids - but that's another story! Herring Gulls are abundant year-round residents in Massachusetts, while Glaucous Gulls of the race *hyperboreus* are uncommon winter visitors in the Bay State. ↗

Wayne R. Petersen

## AT A GLANCE

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Digital image by David M. Larson



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