# **BIRD OBSERVER**



C BARRY W. VAN DUSEN

# VOL. 17 NO. 4 AUGUST 1989



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# **BIRD OBSERVER**

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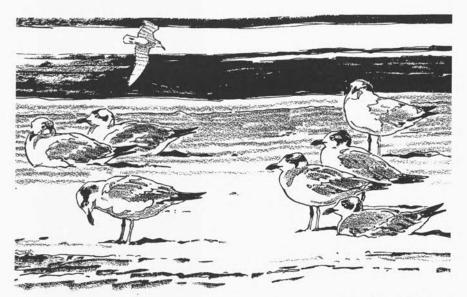
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Dorothy R. Arvidson, One School Street, #206, Arlington, MA 02174. Manuscripts should be typed double-spaced on one side only of 8.5 x 11 inch paper with 1.5 inch margins all around. There is no limit on the length of manuscripts, but most do not exceed 10 double-spaced typewritten pages (about 3000 words). Use the 1983 A.O.U. Check-List for bird names and sequence. Type tables on separate pages. Blackand-white photographs and graphics are best. Include author's or artist's name, address, and telephone number and information from which a brief biography can be prepared if needed. Views expressed in *BIRD OBSERVER* are those of the authors and do not necessarily reflect an official position of Bird Observer of Eastern Massachusetts, Inc.

# CONTENTS \_\_\_\_\_

FINDING BIRDS IN IPSWICH Jim Berry	172
AN HONOR WITHOUT PROFIT Richard K. Walton	183
THE ETHICS OF NATURE WATCHING Verdie J. Abel	189
THE LARK SPARROW IN MASSACHUSETTS Richard A. Forster 	192
FIELD RECORDS: MARCH 1989	197
FIELD RECORDS: APRIL 1989	207
ABOUT THE COVER: Least Sandpiper William E. Davis, Jr.	220
MEET OUR COVER ARTIST: Barry W. Van Dusen	
Dorothy R. Arvidson	221
AT A GLANCE	222
Cover Illustration: Young Least Sandpipers by Barry W. Van Dusen	



Laughing Gulls

Barry W. Van Dusen

BIRD OBSERVER

#### FINDING BIRDS IN IPSWICH

#### by Jim Berry

Essex County, Massachusetts, is one of the best birding areas in the eastern United States, and Ipswich is one of the real highlights of the region. Ipswich has extensive salt marshes, a small amount of rocky shoreline, and just about every sort of upland habitat short of mountains: farms, orchards, duck ponds, a beautiful river, fresh marshes, wooded swamps, deciduous, coniferous, and mixed forests, and various fallow fields and meadows. Doubtless it is the variety of habitats, combined with the amount of coverage by birders venturing back and forth between Cape Ann and Plum Island, that makes Ipswich such a birding attraction.

No one article can cover all these habitats, especially since many desirable spots are on private property inaccessible to the public, but I will mention the more popular ones and lay out for the visiting birder an itinerary which can be covered in a day or less, depending on the season, weather, and time available.

Crane Beach and Castle Hill. I could not begin this account anywhere else. Ipswich Beach, renamed after the Crane plumbing magnate who acquired the land in 1910 and eventually donated it to The Trustees of Reservations for permanent protection, is, for the naturalist, the undisputed highlight of Ipswich. Crane Beach Reservation is not just a beach but includes the entire ecosystem of Castle Neck, which is some five miles long and over half a mile wide in some places. This biologically valuable peninsula lies between the mouths of the Ipswich River on the northwest and the Essex River on the southeast. It comprises the beach on the outside, the salt marsh and tidal flats of the Castle Neck River on the inside, and seemingly endless (but thickly vegetated) sand dunes in between.

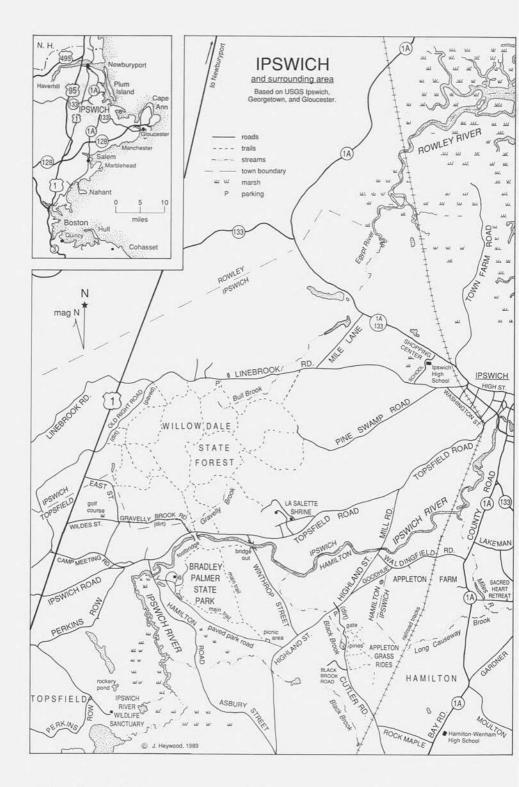
To reach Crane Beach, take Argilla Road east from Route 133/1A at the South Green in Ipswich to the beach parking lot at the end of the road, a distance of 4.1 miles. From about Memorial Day to two weeks after Labor Day, be prepared to pay a stiff parking fee, especially on weekends, unless you come after 6 P.M.; the rest of the year the charge is less. For those who prefer to bird on foot rather than by car, the beach and the dunes can easily fill up a whole day and, if time permits, are worthwhile.

Be warned, however, that deer ticks are prevalent in this entire area. Many of these ticks carry Lyme disease, a serious problem in many areas of the United States. There is no chance of picking them up in unvegetated areas like the beach, but if you go into the dunes, be sure to check your clothing and exposed skin for these tiny ticks at the end of the day and remove them. The deer ticks are much smaller than the more familiar common dog ticks. However, they are visible when engorged with blood. It takes twenty-four hours or so for the bacteria to enter the host's body after the tick attaches itself, so daily checks should be adequate. For more information, see "A Tick-list for Birders" in *Bird Observer* 17(2): 78-80, April 1989.

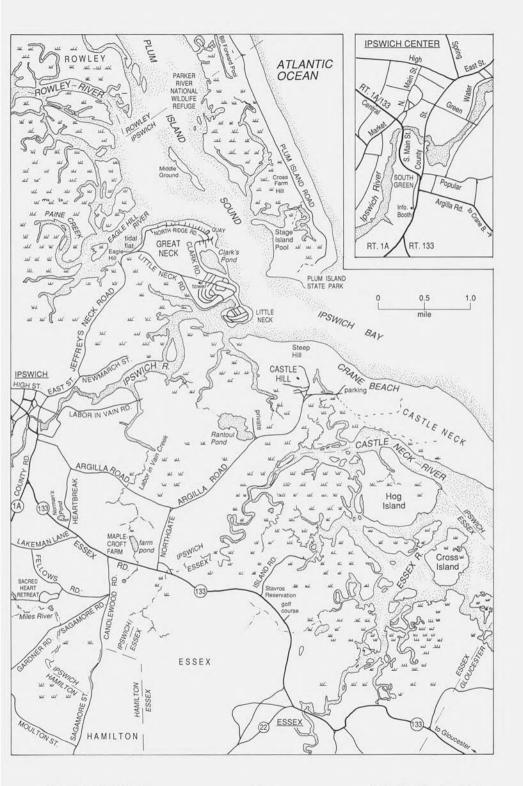
Notable breeding songbirds here are Bank Swallows, which nest in small colonies anywhere there is a vertical bank in the dunes, Gray Catbirds, Brown Thrashers, Yellow Warblers, and Rufous-sided Towhees. Less common are Pine Warblers, which occasionally nest in the extensive pitch pines not far to the southeast ("down" the beach) from the parking lot. There may also be a few pairs of White-eyed Vireos in the thick undergrowth behind the seaside dunes in either direction from the parking lot. Whip-poor-wills used to summer near the parking lot but have not been heard here since the 1970s.

Breeding waterbirds are Least Terns, which usually form several colonies at various spots behind the high-tide line, and Piping Plovers, which nest in small numbers either with the terns or at other beach locations where the large crowds of people offer the least interference. In recent years The Trustees of Reservations, a nonprofit land-preservation trust that owns the reservation, has employed a biologist, David Rimmer, who has taken commendable measures to protect these threatened species. Starting in 1987, David began "exclosing" the plover nests to keep predators like skunks and foxes from getting the eggs. Reproductive success mushroomed, and in 1988 fully nine pairs produced twenty young. In 1989, fourteen pairs fledged thirty-seven young! Green-backed Herons nest singly in a few of the thickets in the dunes; I have been lucky enough to find two of their nests so far.

Fall and winter birds of the beach and dunes include Snow Buntings (especially in the parking lot in late fall), Lapland Longspurs, Horned Larks, "Ipswich" Sparrows, Yellow-rumped Warblers, and sometimes Snowy Owls, Short-eared Owls, Merlins, and Northern Harriers. Various loons, grebes, and ducks are commonly seen off the beach in winter except for those species associated with rocks, of which there are almost none along Crane Beach. The dunes catch their share of migrating landbirds in spring and fall, but the area is not sufficiently censused to determine how good a migrant trap Castle Neck is. White-tailed deer are plentiful (albeit tick-laden) all over the reservation, and the lone observer will once in a while be rewarded with a close encounter with a red fox. Castle Hill, a half-mile walk to the northwest of the parking lot, is good for many landbirds as well as for great views of the surrounding landscapes and seascapes. The pine stand on the west side of the hill is a reliable spot for Great Horned Owls. Twice I have seen Yellow-billed Cuckoos on Castle Hill in summer, and Black-billed Cuckoos have nested in the thickets in the sand dunes. The best birds I have recorded at Crane Beach are a Wilson's Plover (on Memorial Day 1974), a pair of Black Skimmers (July 1975), a Caspian Tern



**BIRD OBSERVER** 



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(June 1984), and a Sandhill Crane in the marsh off the north end of the beach (September 1988). Occasionally Whimbrels and Roseate Terns can be seen on the beach, as can numerous other shorebirds at low tide.

**Rantoul Pond.** This large pond on privately owned land lies between Argilla Road and the marshes of the Ipswich River estuary and has no public access. It cannot be visited without permission of the property owners, though the front of it can be seen from the road. The pond is on the left as you approach Crane Beach, about half a mile before the parking lot. It was formed decades ago by damming a small creek and is frequented in migration by several species of diving and puddle ducks, especially American Wigeon, Ring-necked Duck, and Hooded Merganser in the fall. Mute Swans have nested here for years; Tundra Swans or a Eurasian Wigeon may drop in for a while in late fall. In early fall Black-crowned Night-Herons often roost here. This is the only place where I regularly see American Black Ducks diving for food.

Maplecroft Farm area. The quadrangle bounded by Argilla, Heartbreak, Essex (Route 133), and Northgate roads is primarily pasture land and is one of the best places in Ipswich for Turkey Vultures, Rough-legged Hawks, and Redtailed Hawks, the former in summer, the second in winter, and the latter yearround. Canada Geese graze in the fields and are occasionally joined by a stray Snow Goose. The fields closest to Route 133 at Maplecroft Farm sometimes have Cattle Egrets in summer. Any of the pastures can contain, at appropriate times, Glossy Ibises, Black-bellied Plovers, Killdeers, Dunlins, Pectoral Sandpipers, and Horned Larks. A number of rarities have been found here, too: Gyrfalcon, White-faced Ibis, Buff-breasted and Curlew sandpipers, and Yellowheaded Blackbird. But the specialty of the house, in my opinion, is Lesser Golden-Plover. Every November, even into December, you can often find several immatures with the large flocks of immature Black-bellied Plovers by looking into the pastures from Essex Road. These flocks are regular and provide a superb opportunity for studying the respective field marks of these sibling species. Be sure to take a scope, however, for the birds are often well back from the road. There are places you can pull over on Essex, Northgate, and Argilla roads-the latter with difficulty. However, these pastures are private property and must be viewed from the road unless permission is obtained from the property owners. The one exception is a privately owned, cultivated field off Northgate Road-a small pulloff indicates its location-leading down to a shallow pond that was created in the early 1980s by damming a small stream. [At this writing, the owner does not mind birders walking this field to view the pond as long as no fences are crossed.] This is an excellent pond for puddle ducks. Its grassy edges attract a variety of shorebirds, including a famous Blacknecked Stilt in May 1983. Great Egrets and Glossy Ibises are regular visitors. The field itself, after the fall harvest, can be a bonanza, especially when muddy.

Water Pipits often share it with Horned Larks, and Common Snipes love the place. One day in April 1987 I counted a minimum of one hundred and fifty snipes.

Just to the west of the Heartbreak/Essex Road intersection is Norman's Pond, a productive little duck pond during migration. Permission should be obtained from the owners of the Norman residence, a brown house on Essex Road fronted with evergreens, to view the pond from the driveway. Regular visitors are American Black Ducks, Mallards, American Wigeons, Northern Shovelers, Gadwalls, Wood Ducks, and Green-winged Teal; less frequently there are Hooded Mergansers, various other diving ducks, and once in while a Eurasian Wigeon. Rusty Blackbirds sometimes congregate in the trees here in autumn, and Willow Flycatchers breed here, as they do in many Ipswich wetlands.

Appleton Farm. Appleton Farm, about two miles south of Ipswich center on Route 1A, is one of the scenic highlights of Ipswich, especially if one rides the commuter train. The tracks run right through the middle of the farm. Both Cattle Egrets and Glossy Ibises can sometimes be seen from the train, especially in summer. Fortunately, both species can also be seen from Route 1A, which is wide enough to permit easy pullover, or from Waldingfield Road on the north side of the farm, or from Mill Road (Highland) on the west side. This farm is probably the best place in either Ipswich or Essex to observe Cattle Egrets, which are at the northeast limit of their range here. My personal high count is sixty-one on August 28, 1983. This high number is explained partly by postbreeding wandering [see "The Ipswich Cattle Egrets" in *Bird Observer*, October 1985, 13(5): 258-59]. Do not attempt to drive through the farm as it is not open to the public.

Appleton Farms Grass Rides. Immediately to the south of the main farm, in the town of Hamilton, lies a 164-acre tract of mixed woodland known as the "Appleton Farms Grass Rides." This extensive forest, much of it swampy, is crisscrossed by wide trails. It was donated to The Trustees of Reservations by the Appleton family and is open to the public, though off-limits to off-road vehicles and horses. This is an excellent place for Ruffed Grouse, for they are regular here and are easily heard drumming in April and May. One morning in 1978 I recorded five grouse, including a close look at one in the act of drumming. Be sure to come at dawn for the best chance of seeing and hearing grouse. Pileated Woodpeckers also occur here, and I suspect Pine Siskins may breed some years.

The tract is accessible from the north end of Cutler Road, which goes southeast (left) from Mill Road about a half mile south of the intersection of Mill Road (which becomes Highland Street in Hamilton) and Waldingfield Road. There is a small parking lot at that intersection (i.e., Cutler Road and Highland Street), but parking along this dirt road is very limited, and large groups are out of the question. There is a gate where you can enter the forest a few hundred yards down Cutler Road. From late May on, be prepared to do battle with some of the best trained mosquito armies to be found anywhere. The swamps that produce them, however, also entice a delightful array of migrating and breeding birds.

Another feature of the Grass Rides is its several stands of thick evergreens, which harbor not only grouse, but owls. In addition to the more common Eastern Screech-Owls and Great Horned Owls, which can be heard in the neighborhood, these groves often harbor one or a combination of Barred, Longeared, and Northern Saw-whet owls. Barred Owls are the most regular, but singles of the other two species have been found several times [see "Finding Owls in the Grass Rides" in *Bird Observer*, October 1986, 14(5): 217-22]. Thus the Grass Rides is one of the best owl spots anywhere, especially in winter. Be advised, however, that if there is snow on the ground, there may be hordes of cross-country skiers using the reservation. Parking is at a premium, and the police will ticket cars parked along the dirt road. Use the aforementioned parking lot, and get there early.

Jeffrey's Neck. "The Neck" is thickly inhabited at its bulbous end, and this includes birds. Here you will find Ipswich's only rocky shoreline and some of the birds associated with that habitat, as well as extensive salt marshes, tidal flats, and the best duck pond this side of Plum Island. In fact, Clark's Pond is only a few hundred yards from Stage Island Pool at the south end of Plum Island—the observation tower there is easily visible from various parts of the Neck. It is not unusual for birds to wander back and forth between the two ponds, which is something to keep in mind when you are in Ipswich but do not have the time to drive the twelve-plus miles to Newburyport and another ten or so to get down to Stage Island Pool.

To reach the Neck from the south, follow County Street (not County Road) where it splits from Route 1A/133 at the South Green. (Consult the map, because street signs can be hard to find in Ipswich.) From the north, follow High Street, marked East Street where it joins County Street. The two streets merge and become Jeffrey's Neck Road, which brings you to Eagle Hill about halfway out on the Neck. On the left, just after the big curve at Eagle Hill, is a good tidal flat for shorebirds, especially at midtide. Diving ducks are common here at high tide. Stay on the main road, eschewing all forks to the left, until you come to the isthmus between Great Neck and Little Neck, where you can park and look out over the sound to the south end of Plum Island. From this point, the Ipswich River flows in from the right, behind Little Neck. This estuary is like a waterfowl crossroads and virtually any littoral species can be seen here. In addition, the pelagic Parasitic Jaeger sometimes comes here in late summer to

harass the terns. These jaegers can also be seen from the north end of Crane Beach and from the sound end of Plum Island. At low tide it is easy to walk out on the rocks at the base of Little Neck, where Ruddy Turnstones, Red Knots, Willets, and Laughing Gulls are all possible in late summer. In winter this same area has produced Brants, Common and Barrow's goldeneyes, large mixed flocks of scoters, Iceland Gulls, and occasionally a Snowy Owl. It is also an infallible hangout for Common Loons. Later, starting about the vernal equinox, a flock of Brants invariably arrives everyday at low tide to feed off the rocks at the left (northern) end of the isthmus. As is the case with the spring Brants in Newburyport Harbor, these Ipswich birds, which may be part of that larger aggregation, usually remain for a month or more before moving on to the tundra. Almost any sea duck can occur here, and views are always excellent because of the relative narrowness of Plum Island Sound. An added attraction in the winter is the regular presence of harbor seals on the rocks at the base of the red channel marker at low tide or on one of the several sandbars in the area.

Clark's Pond. From here follow the map to Clark's Pond, which is only about a half mile away. This man-made pond can be observed, though with some difficulty, from one or two places as one drives along Clark Road. Just be careful not to trespass on the developed lots. It may be better to observe from the road at the north end of the pond. Although it is bushy here, some viewing spots are available. In summer Mute Swans and Gadwalls nest here, and sometimes bitterns of either species, as well as Virginia Rails and Soras. Purple Martins and Cliff Swallows may nest on Great Neck and often feed over the pond. Later in summer hundreds or even thousands of swallows (mostly Tree and Bank) gather on the weeds, wires, and trees, as they do next door on Plum Island. If the summer is dry, the pond's shallow water can be filled with egrets and herons. Late-summer and fall bonanzas seen here in years past include Black-necked Stilt, American Avocet, Sandhill Crane, and a flamingo (1965) afflicted with a severe case of wanderlust. One of the more unusual phenomena I have witnessed here has happened on two different Labor Days: a large congregation of immature Purple Martins (as many as two hundred) positioned on the top of the nearby water tower, at a time when one expects this species to be long gone. In both instances the weather was unsettled. Until the pond freezes, it is a haven for Gadwalls, which often number over one hundred. Hooded Mergansers are also very regular in the fall, and up to thirty have been recorded. Any puddle duck is likely, and there is often a Pied-billed Grebe or two. When Bonaparte's Gulls are on the pond, look carefully for a Common Black-headed Gull or a Little Gull, as both have visited here from Plum Island.

To leave the Neck, continue around the north side on Colby Road, which quickly becomes North Ridge Road before it rejoins Jeffrey's Neck Road a mile to the west. On Quay Road, a short little dead end near the beginning of North Ridge, there is a pier by the yacht club which offers a perfect spot from which to observe the waterfowl and shorebirds of Plum Island Sound. This is not a summer stop, but it is fine the rest of the year.

Ipswich Shopping Center. This ornithologically famous shopping center is located 0.6 mile from the intersection of 133/1A and Linebrook Road, just past the high school. It was built right over a freshwater marsh in true "developer" style but ironically provides birdwatchers one of the best places in the state to study the behavior of Virginia Rails and Soras. The parking lot gives easy access to the marsh. The reason for the presence of the rails is that no matter how cold it gets, the water running through this marsh from under the shopping center never completely freezes, thus attracting a few rails to spend the entire winter. When there is considerable open water, they can be impossible to find, but if one comes during a prolonged cold spell or after a heavy snowfall, and there is only a narrow stream of open water, you are almost guaranteed seeing Virginia Rails. One January day a few years ago I had six of them along with two Soras. Snipes and Swamp Sparrows also winter here, and every bird in the neighborhood comes here for water; so, needless to say, it is a popular place on the Christmas Bird Count. Both rail species probably nest here-both were present in spring 1988-and Willow Flycatchers definitely do. The trees between the shopping center and the adjacent high school usually have Warbling Vireos, another common nesting bird in many parts of Ipswich. Once or twice Cliff Swallows have nested in the rafters of the canopy over the shopping center sidewalk, in full view of the shoppers below.

Willowdale State Forest. This extensive mixed forest, which with its white pine and variety of hardwoods is typical of the forests of Essex County, has a distinctly more northern flavor than the rest of Ipswich. It does not have the eastern hemlock habitat of Boxford State Forest, but it is riddled with swampland and is also regularly logged, which gives it an exciting variety of both habitats and breeding species. If you like censusing summer populations and do not mind socializing with mosquitoes, this is the place for you.

Many Canadian-zone birds are regular here. Ovenbirds are the most common warblers, followed by Black-throated Green Warblers and Common Yellowthroats; the latter are common even in deep woods because of the swamps. Other nesting birds are Ruffed Grouse, Great Crested Flycatchers, Redbreasted Nuthatches, Veerys, Hermit Thrushes, Pine, Black-and-White, Canada, Nashville, and Blackburnian warblers (the latter two rarely), Scarlet Tanagers, Rose-breasted Grosbeaks, and Purple Finches. Some possible breeders are Broad-winged Hawks, Winter Wrens, Northern Waterthrushes, and Whitethroated Sparrows. Nearby La Salette Shrine has cutover fields in which I have found nests of American Woodcocks and both Blue-winged and Golden-winged warblers. It also has a small stand of Norway spruce, in one of which I found the nest of a pair of Golden-crowned Kinglets in June 1987 and again in 1989. Over the years I have come to bird this forest more than any other part of Ipswich. And just across Topsfield Road is the equally extensive Bradley Palmer State Park with a habitat similar to Willowdale's.

To enter Willowdale State Forest, take either Linebrook Road or Topsfield Road, both of which connect with Route 1. The forest headquarters are in a small unmarked building on Linebrook Road, 1.1 miles west of the intersection with Mile Lane and the same distance east of Route 1. Several trails, all wide enough for state vehicles to drive on, penetrate the forest from this vicinity; parking is no problem, although there are no parking lots as such. Access from Topsfield Road is best at the Ipswich-Topsfield town line, 1.1 miles west of the La Salette Shrine and 1.9 miles east of Route 1. This pulloff next to the Ipswich River is one place along Topsfield Road where canoeists park. A brook flows into the river from the north here. To the left (west) of the brook is an old dirt road one can use to drive into the forest. To the right (east) of the brook is a trail (bridle path) that quickly brings you within hearing range of most of the species mentioned above. At this spot there is also a footbridge over the Ipswich River, providing an entry point into the northern trails of Bradley Palmer State Park.

JIM BERRY expanded his original piece on Ipswich, which appeared in *Bird Observer* in December 1979, to provide the updated article printed here. A recognized authority on the breeding birds of Ipswich, Jim worked on the first North American breeding-bird atlas project in Montgomery County, Maryland, in 1971-72 and has since contributed to the atlas projects in Massachusetts, New Hampshire, Maine, Vermont, Ohio, and Wyoming. In addition to this work on breeding bird censuses, Jim's favorite birding activities are compiling the Newburyport Christmas Bird Count and contributing nesting records to Cornell's Laboratory of Ornithology. At other times, he does personnel work in the Federal Aviation Administration and serves on the Ipswich Conservation Commission.



36 Route 6A, Orleans (Across from former location)

OPEN YEAR ROUND

BIRD OBSERVER

### AN HONOR WITHOUT PROFIT

#### by Richard K. Walton

**eponymy** n The derivation of a name of a city, country, era, institution, or other place or thing from the name of a person.

Gruson in his *Words for Birds* gives seven categories for the origins of common bird names: appearance (Black-capped Chickadee), eponymy (Henslow's Sparrow), echoics (Whooping Crane), habitat (Marsh Wren), behavior (woodpecker), food (oystercatcher), and region (California Condor). The second category comprises people and places memorialized in bird names. Many of our most famous ornithologists as well as a fair number of obscure friends and relations have been so honored. A majority of these names were given during the eighteenth and nineteenth centuries, the pioneering era of North American ornithology. While some of these tributes are kept alive in our everyday birding language, others have slipped into oblivion. Recognition or obscurity may ultimately hinge on the names we use for birds.

There is no more famous name in the birding culture than that of John James Audubon. His epic *The Birds of America* was responsible for putting American science, art, and even literature on the international map. This work was created, produced, promoted, and sold largely by Audubon himself. In the years since his death in 1851, the Audubon legend has been the inspiration for a multitude of ornithological pursuits and causes, both professional and amateur. Audubon painted some five hundred birds in *Birds of America* and described these in his five-volume *Ornithological Biographies*. Many of the names given by Audubon honored men and women of his era. These names and their subsequent revisions and deletions provide interesting examples of taxonomic history.

If Audubon were to return to his old birding haunts to join a contemporary tour in search of May migrants, he would, at the very least, be puzzled. Many of the bird names he was accustomed to are no longer in use. A look through the first hundred plates of his *Birds of America* indicates the enormity of these changes. Half of the birds depicted are assigned names different from those used in present-day standard common nomenclature. The reasons for the changes are numerous. The disparity between Audubon's names and current names occurs in part because Audubon was either misinformed or mistaken about the birds in question. Many other name changes were the result of taxonomic and nomenclature revisions subsequent to *Birds of America*.

Today's birder, armed with a knapsack full of field guides, is well equipped to deal with the plumage variations of individual species. Learning the different sex, seasonal, and age characteristics is part of the game. Because Audubon was literally writing the book on American birds, he was in the difficult position of trying to sort out most of these variations for the first time. It is not surprising that he and many of his contemporaries made the same mistakes that are made by the beginning student of birds today. Audubon, however, was in a position to name, describe, and publish the birds with the conviction that he had discovered a new species. Examples of mistakes in this category are Vigors Vireo (Havell Plate XXX), Rathbone Warbler (Havell Plate LXV), and Le Petit Caporal (Havell Plate LXXV). Because these were actually forms of the Pine Warbler, Yellow Warbler, and Merlin that had been previously described and named, Audubon's nomenclature was expunged. Those honored by Audubon received short shrift, ornithologically speaking.

As for the English naturalist Nicholas A. Vigors, Audubon would not have cared in the least. Audubon met Vigors, the presiding secretary of the Zoological Society of London, in 1828. Initially Vigors assisted Audubon with his project and introduced him to influential naturalists. The relationship may have begun to sour when Audubon repaid Vigors' kindness by refusing to write for the *Zoological Journal*. Audubon felt any such writing would be the subject of abuse. Five years later in a letter to his son Victor, Audubon remarked that despite the fact that "such fellows as Vigors should mortify us," they needed to push on with their great project.

The Rathbone family was a different matter. They were among Audubon's most ardent supporters in England. In his account which accompanied the plate of this bird, he made clear his indebtedness to the Rathbone family. Audubon thanked them "for all the unmerited kindness and unlooked-for friendship which I have received from the RATHBONES of Liverpool...."

Le Petit Caporal is a reference to Napoleon. Audubon said that he wished he could find a new species of eagle with which to properly honor "le Grande" but that this little hawk would have to do. Audubon had not always been so impressed by the Napoleonic adventures. At the age of eighteen Audubon fled France, using false documents to avoid conscription into Napoleon's army. The names of Vigors, Rathbone, and Le Petit Caporal quickly found their way to the nomenclature graveyard.

Another group of birds depicted and named by Audubon, the names of which are not in common use today, are species for which there have been no subsequent records. In addition to specters such as Carbonated Warbler (Havell Plate LX) and Blue Mountain Warbler and Small-headed Flycatcher (Havell Plate CCCCXXXIV), Audubon honored two gentlemen with species that have proved particularly elusive. Audubon named Cuvier's Regulus (Havell Plate LV) in honor of Georges Cuvier. Cuvier, the pioneering paleontologist and taxonomist, was a leading light in natural history during the first part of the nineteenth century. Audubon was Cuvier's guest in Paris and at Versailles in the

autumn of 1828. Cuvier was impressed with Audubon's work, subscribed to *Birds of America*, and promoted Audubon within the French scientific community. Although Cuvier's reputation is secure on other grounds, Cuvier's Kinglet added little to the Frenchman's fame. All that remains is Audubon's description of a bird he apparently collected in Pennsylvania in 1812. This species was never again seen, and some ornithologists now feel that the bird was simply an aberrant Golden-crowned Kinglet. Townsend's Bunting (Havell Plate CCCC), however, remains something of an enigma. John Kirk Townsend was an American naturalist from Philadelphia. In May 1833 Townsend collected the bird in question and sent it to Audubon. Working from this specimen, Audubon named (after its discoverer), described, and pictured this unique bird. The skin still exists and resides at the National Museum of Natural History in Washington, D.C. Present-day opinion suggests that this may be either a hybrid (Dickcissel x Blue Grosbeak) or a Dickcissel with abnormal pigmentation. Everyone seems to agree that no such species exists in today's avifauna.

Although Audubon may in some sense be held accountable for difficulties with the birds described above, there is another group of birds included in *The Birds of America*, whose names are things of the past as a result of events over which Audubon had no control. Taxonomic and nomenclature changes have resulted in the deletion of these names. Gone with the names are the honors so carefully bestowed by Audubon.

Names for North American birds are controlled by the American (A.O.U.) Committees Ornithologists' Union on Nomenclature and Classification. Their policies, guidelines, and lists can be found in the Check-list of North American Birds as well as in various supplements published in The Auk. The Check-list has been through six editions, the first appearing in 1886, the most recent in 1983. Both Latin names and standard common names are published in the Check-list. Frequently, changes in common names simply reflect the present committee's commitment to uniformity and clarity; at other times these changes reflect corresponding changes in the Latin nomenclature. Changes in the Latin names usually indicate that ornithologists are convinced they have learned something new about the organism and its relationship to other birds. Sometimes a single species is determined actually to be two species or, conversely, two or more species are combined into a single species. In the vernacular these processes are referred to, respectively, as splitting and lumping. Both actions may result in the delisting of names that honor individuals.

Audubon honored Thomas Stewart Traill with Traill's Flycatcher (Havell Plate XLV). Traill, a Scottish zoologist, was another European who assisted Audubon. Traill provided introductions, scheduled lectures, and promoted shows for Audubon and his paintings. For more than a century the name of Traill was part of birders' language. By the late 1960s, however, there were

185

enough data available on various aspects of the morphology and behavior of these flycatchers to support the separation into two species. What had previously been thought to be subspecies were actually two species that are reproductively isolated. In 1973 as part of the thirty-second supplement to the *Check-list*, the A.O.U. split this species and gave the names of Willow Flycatcher and Alder Flycatcher as the standard common nomenclature. Gone was the common name, Traill's Flycatcher. Fortunately, in this case, all was not lost. The Latin name for the Willow Flycatcher, *Empidonax traillii*, maintains the original reference.

Audubon himself was the victim of delisting in the same 1973 supplement. The John Townsend whom Audubon had honored returned the favor in 1837. One of the new species discovered by Townsend on a trip to the Pacific Northwest was a warbler he named Audubon's Warbler (Havell Plate CCCXCV). Unfortunately, two forms, Myrtle Warbler and Audubon's Warbler, were later lumped when evidence was presented that these birds readily interbreed and produce a viable population. In their attempt to find a name suitable for both forms, the Committee on Nomenclature decided on Yellowrumped Warbler. Thus, Audubon suffered the same fate as so many he had sought to honor. The American woodsman's name is still honored with the Audubon's Shearwater.

At least a dozen other names, given by Audubon and honoring individuals, have been expunged for one or another of the reasons given above. Havell Plate CCCCXVII holds the dubious distinction of having had four birds delisted: Maria's Woodpecker, Phillip's Woodpecker, Harris's Woodpecker, and Audubon's Woodpecker. These birds are all forms of the Hairy Woodpecker. Certainly such duplication of names is not in the interest of a workable nomenclature; however, this has not been the reason for many delistings. Names such as Baird, Bullock, Coues, Sennett, Wied, and Wilson have found their way to the wastebin in the service of uniformity. As the Check-list committee has reminded us, "progress in systematic ornithology often dictates changes in scientific names...[and] some changes in English names help to avoid confusion and promote uniformity." The question arises, however: Will all common-name references to men and women gradually be laundered? There seems to be some inexorable process at work leading toward a list of names admirable for its uniformity, but lacking all references to our ornithological past. Will we end up with a nomenclature in which all mention of significant personages lies buried in the technical language? A few of those whom Audubon memorialized are still a part of our everyday birding language: Bachman, Bewick, Henslow, Lincoln, Swainson, and Townsend. For the time being at least, these names are oft spoken reminders of our traditions and our past.

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**RICHARD K. WALTON**, Concord naturalist, writer, teacher, and lecturer, is the author of *Birds of the Sudbury River Valley*—An Historical Perspective (1984), Bird Finding in New England (1988), and Birding by Ear (1989). Currently, Dick is working on the Massachusetts Butterfly Project and preparing a guide to western bird song identification for Houghton Mifflin, Birding by Ear (Western).



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### THE ETHICS OF NATURE WATCHING

### by Verdie J. Abel

For many years the reputation of law-abiding and conservation-minded hunters and fishermen has been marred by the acts of individual "ugly" sportsmen who litter, hunt or fish out of season, cross private property, and commit other violations of civil and ethical law. In recent years, however, a new species of outdoorsman has emerged—one who does not take to the woods and fields to hunt or fish, but to pursue instead a hobby of watching and photographing birds, flowers, and other wildlife.

As an increasing number of nature lovers take to the out-of-doors in search of "life" birds and rare flowers, an astonishing number of violations against man and nature have been reported. Just as hunters are criticized for crossing fences and committing other violations to get at a trophy deer, so should birdwatchers who cross private boundaries to get a rare bird for their life list be regarded as equally at fault. Many nature lovers are under the misconception that since their hobby is a nonconsumptive use of the nation's wildlife resources, it is acceptable to bend the rules a bit in order to fulfill a lifelong dream of seeing a rare bird or photographing a rare flower.

A perfect example of this happened in 1987 when a Long-billed Curlew was found on Coast Guard Beach in Eastham, within the boundaries of the Cape Cod National Seashore. Following the announcement of the discovery, dozens of birdwatchers from all over New England crowded into the area to get a glimpse of the western shorebird. Unfortunately, people were found crossing National Park Service fences, trampling marsh grass, and, worst of all, crossing into posted tern and Piping Plover nesting areas. How much more abusive can someone be than to deliberately cross a boundary that protects a federally endangered species such as Piping Plover?

Another less dramatic example of thoughtless behavior occurred in the winter of 1988-89 when a LeConte's Sparrow was discovered in an agricultural field on the North Shore. I was leading a birding trip to the area at the time and decided to learn the whereabouts of the bird to see if it was possible to enter the property where it had been found. Word was that the sparrow was in a plowed field near Newburyport and that the owner had agreed to let people look for the bird. Upon arriving at the field, I was astonished to find two dozen or so other vehicles belonging to more than fifty people who were combing the field to find the poor creature. Suddenly someone found the lone bird in a clump of weeds, and the birdwatchers quickly crowded around within ten feet of the tiny bird, totally surrounding it. Not only was the unfortunate LeConte's hundreds of miles out of its normal range, it was surrounded by dozens of obsessed nature

lovers, slowly moving closer to get a better look, leaving the confused bird no escape. After I determined for myself that it was the LeConte's Sparrow and after everyone in my group had a chance to see the bird quickly, I left the area bewildered, hoping never to be part of such a scene again.

Birdwatchers and photographers are not alone in violating ethical principles; scientists and naturalists are also guilty upon occasion. Simply being part of a research project or an employee of a public or private environmental agency does not give that person the right to cross onto private property or enter posted areas without permission. Not only is the law broken, but a precedent is also set, giving program participants and other witnesses the idea that such infractions are permissible.

Examples of such unethical activities include occasions when naturalists or birdwatchers intentionally scare birds to see field marks or flush a bird simply to allow "a better look." This approach to birdwatching sometimes involves chasing birds, clapping hands, or even throwing lit firecrackers in order to flush a bird. Certain birds, such as shorebirds, are especially vulnerable to disturbance during their migration when energy reserves are essential for long-distance flight. A loss of vital energy reserves through repeated disturbance in the spring may affect the success of the nesting season. Although aggressively pursuing birds does not violate any man-made laws (unless an endangered or protected species is involved), it may cross the line from acceptable birdwatching to unethical obsession.

The playing of bird-call tapes during the breeding season is a common practice. Playing the call of a screech owl or the territorial song of a breeding male may attract songbirds very close, allowing a good view of specific field marks. Unfortunately, this practice also takes the breeding bird away from its nest of eggs or nestlings, thereby jeopardizing the offspring, leaving them subject to predation or unregulated temperatures. Young birds often cannot regulate their body temperature and may die as a result. This practice of drawing birds from their nests is especially dangerous to owls, which nest in the middle of the winter. Bird lovers who call owls during this time of the year should be cautious not to occupy the parent bird's attention any longer than necessary.

As ethical, conservation-minded citizens, nature lovers must obey a few simple rules to maintain a good reputation and merit respect:

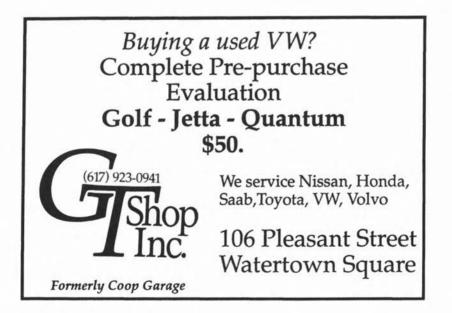
1. Always consider the welfare of the plants and wildlife first. No life bird is worth the needless loss of another life.

2. Obey all postings and respect fenced areas. Just because you don't see the nesting birds or rare plants does not mean they don't exist. A shoe can crush an endangered plant no matter whose foot is in it.  Avoid disturbance of roosting birds or resting animals. The energy they use escaping is needed for completion of the migratory journey or a successful nesting season.

 Avoid the use of tape players to attract birds during the breeding season, and use tapes cautiously at other times.

5. Respect the rights of landowners. Should you wish to enter private property, get the owner's permission.

**VERDIE J. ABEL** was a ranger/naturalist at the Wellfleet Bay Wildlife Sanctuary at the time he wrote this article. He is now teaching in the Biological Sciences Department at Eastern Kentucky University in Richmond, where he is continuing his graduate work in wildlife ecology. Verdie is an enthusiastic birdwatcher and is interested in the history of wildlife conservation. This article first appeared in *Cape Cod Driftlines* [July 1989, 4(2): 17] and is reprinted here slightly modified with permission of the author and the publisher.



### THE LARK SPARROW IN MASSACHUSETTS

#### by Richard A. Forster

#### Field sketches by Julie Zickefoose

Most recreational birdwatchers and all but a handful of hard-core birders in the state show disdain for an interesting group known as sparrows, a.k.a. "little brown jobs." The lack of passion for this group can be attributed to their generally drab coloration, somewhat secretive and retiring nature, and lack of virtuosity as songsters. (But I have never heard a Bachman's Sparrow.) Perhaps only a dedicated scientist like Margaret Morse Nice could truly appreciate the daily comings and goings of a Song Sparrow.

However, as is often true, there are exceptions to every rule. One can but marvel at a crisply plumaged adult light morph White-throated Sparrow or the strikingly patterned black-and-white head, pearl gray breast, and attentive upright posture of an adult White-crowned Sparrow. Ranking slightly below these exalted exemplars of sparrowdom is the Lark Sparrow (Chondestes grammacus). The bold chestnut-and-white head and facial pattern is striking and distinctive. The underparts are not typically sparrowlike, being devoid of streaks. Rather they are whitish with a prominent black spot or "stickpin." When flushed, the Lark Sparrow is likewise easily recognized by the towhee-like white-bordered black tail that contrasts with the brown back. Immatures are patterned similarly to adults, but the bright chestnut head markings tend to be reddish brown. Like most sparrows, including the clear-breasted ones, the Lark Sparrow, immediately after leaving the nest, has a juvenile plumage that endures for up to a month, wherein it is streaked below. Since the duration of this plumage is short, it is unlikely to be encountered in Massachusetts. But a word of caution: I once found a bird of this plumage in the state. With the obscured facial pattern and streaked underparts, this bird looks remarkably like a Vesper Sparrow. Indeed, I changed my identification of the one I saw three or four times. While on the ground, a juvenile Lark Sparrow has a Black-throated Blue Warbler-like white spot on the wing. This feature is also shared by the adult and is illustrated in most field guides but never mentioned. When in doubt, flush the bird, and the distinctive white-cornered tail will cement the identification. Also the call note of the Lark Sparrow is relatively distinctive. It is a sharp, metallic "chink," reminiscent of the notes of both the White-crowned Sparrow or the Blue Grosbeak. If this call note is heard before mid-September, the observer can be fairly safe in assuming it is a Lark Sparrow.

The Lark Sparrow occurs in Massachusetts almost exclusively as a fall migrant with the majority of the annual records occurring coastally. Unlike most



This sketch was made at a distance of 55 feet using Zeiss 8x30 binoculars.

## JULIE ZICKEFOOSE





7 P.M. It's cold and the bird's puffed up now.7:20 P.M. Went to roost(?)



sparrows whose period of abundance is from mid-September to mid-October, the Lark Sparrow is most likely to appear in the last week of August and the first week of September. In any given year fully fifty percent of reports are likely to fall in this abbreviated period. Early migrants have occurred in the waning days of July, and stragglers appear in October almost every year.

Coastal observers can be most optimistic about seeing this handsome Westerner. These birds prefer sparsely vegetated open areas—roadside edges, weedy margins of parking lots, occasionally dunes, and edges of agricultural fields. Unfortunately, the frequency of this species in Massachusetts has diminished markedly from highs in the 1960s. At that time it was possible to see as many in a day as are now seen each fall.

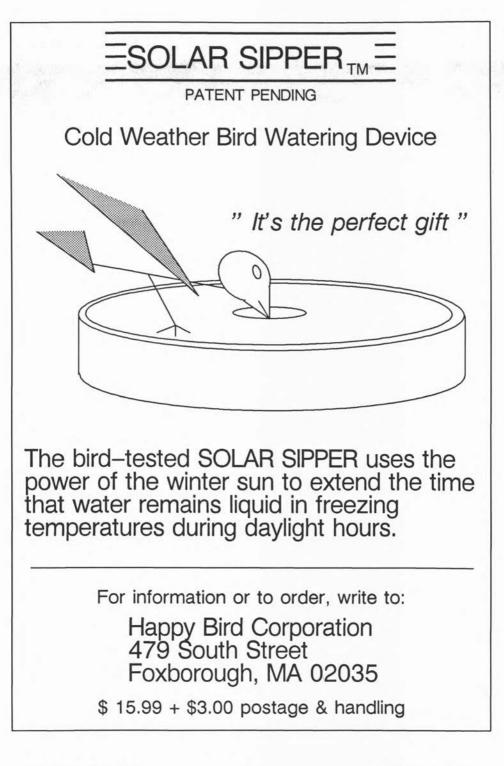
The Lark Sparrow is very rare in winter, with most reports from feeders. Surprisingly, in this season it is recorded almost as frequently inland as at the coast. Spring reports of migrants are as unlikely as winter occurrences.

The field sketches by artist Julie Zickefoose that accompany this article are of an individual that appeared on May 27, 1989, at East Haddam, Connecticut. Because of the rarity of a spring sighting in that state, Zickefoose has submitted these sketches and her report for review by the Rare Records Committee of the Connecticut Ornithological Association.

**RICHARD A. FORSTER**, a lifelong naturalist, began his study of birds in childhood. He is a professional field ornithologist, a writer, author, and lecturer, and has led natural history tours worldwide. A familiar figure in the Sudbury River Valley and Essex County, areas to which he is devoted, he is a recognized authority on Massachusetts bird life and New England bird records.

JULIE ZICKEFOOSE combines daily field sketching with serious birdwatching in her profession as a wildlife artist and writer. Her work has appeared in *American Birds, Bird Watcher's Digest, Bird Observer*, and other publications. About the Lark Sparrow sketches, she says, "For these field sketches, as for all those made of birds whose identification might be questionable, I was careful not to 'pollute' them by consulting any reference—rather I stayed with the bird all morning, drawing it so as to fix its features in my mind. Even a quick peek at a book can ruin an otherwise objective drawing session!"





BIRD OBSERVER

White Ibis Middleboro, MA March 24, 1989 Photo by Wayne R. Petersen

# FIELD RECORDS

# **MARCH 1989**



#### by George W. Gove and Robert H. Stymeist

Although the average temperature of 37.3 degrees was just 1.1 degree below normal, March 1989 was a month of temperature extremes. For the first fourteen days the temperature was below freezing, the longest such stretch in this month since the first sixteen days of March 1960. At the other end of the temperature scale, March 28 saw the mercury rise to a sizzling 81 degrees, the second hottest reading on record for so early in the year, trailing only the 83 degrees recorded on March 21, 1921. Rainfall totaled 3.67 inches in Boston, 1.03 inches less than normal, but still the most in any month since November 1988. Snowfall was only 3.2 inches, 4.3 inches less than normal. The seasonal total was just 15.1 inches, 24.8 inches below normal, and the fourth least snowfall in ninety-nine years. Sleet was recorded on three days, and thunder was heard on three days, triple the past average for March. Southwest winds during the period March 13-15 bought large numbers of early migrants into our area, and migration fever was with us again. R.H.S.

#### LOONS THROUGH WATERFOWL

The Boston Harbor waterfowl monitoring program continued in March. The survey on March 12 covered the area from East Point in Nahant to the Weir River in Hingham. In the field records these observations are shown as reports from Boston Harbor with MAS/TASL listed as the observers. A few highlights of the March 12 census were 70 Horned Grebes, 12 Northern Gannets, 2579 Brants, 2254 American Black Ducks, 1734 Greater Scaups, and 5535 Common Eiders.

The first migrant Pied-billed Grebes appeared this month, and Red-necked Grebes numbered 135 at Hull, a traditional spring gathering point. A flock of Great Cormorants was observed at Cliff Pond in Brewster, presumably feeding on recently stocked trout. Early heron reports included Great Egrets in Bristol County and at Fort Hill in Eastham and Snowy Egrets from Hingham and Hull. Two Great Egrets were photographed at Quabbin Reservoir on March 28, a very unusual location for this species at any time of the year.

The highlight of the month was the report of an adult White Ibis in the flooded fields of Cumberland Farms in Middleboro-Halifax on March 21. This species is found in the southeastern United States and is an irregular vagrant in Massachusetts, appearing very infrequently. The sighting of one White Ibis was unusual, but on March 23 observers spotted an adult White Ibis in a field less than a mile from the location of the original sighting. When these observers went to the site of the first reports, they found birders watching an adult White Ibis that had apparently been under observation during the entire time they had been watching the bird in the other field. Two White Ibis! Two days later both White Ibises were seen in the same field.

Tundra Swans were reported from Great Meadows on March 15, and two adults were found in Middleboro-Halifax on March 18 and 19. Birders looking for the Tundra Swans found the White Ibis in the same fields on March 21. Over 5200 Snow Geese were migrating over Quabbin on March 28 during the heat wave, and 110 birds were noted over Sudbury on March 29. A "Richardson's" Canada Goose was seen with a flock of Canada Geese at Nine Acre Corner in Concord. Wood Ducks were in evidence, especially by month's end when 46 were seen at the Ipswich River Wildlife Sanctuary. A Eurasian Green-winged Teal was noted in West Harwich.

DATE	LOCATION	NUMBER	OBSERVERS	MARCH 1989
Red-throated Loon 16, 26	Marshfield, Winthrop	2, 1	G. d'Entremont, T.	Aversa
Common Loon thr thr 5, 12 16, 25	Ipswich (Crane Beach) PRNWR Cape Ann, Salisbury W. Tisbury, N. Scituate	3-18 27 max 3/14 9, 6 11, 5	D. Rimmer D. Chickering + v. J. Berry#, M. Lync D. Rimmer, D. Bro	h#

#### BIRD OBSERVER

DATE	LOCATION	NUMBER	OBSERVERS	MARCH 1989
Pied-billed Grebe				
18	Waltham, New Braintree	1,2	R. Stymeist, M. Lync	ch#
19	Holliston, Arlington	1,1	R. Hildreth, L. Taylo	
22	P.I., DWWS	1,1	W. Drew#, T. Aversa	1
25,26	Plymouth, Lincoln	2, 1	T. Prince, S. Perkins	
Horned Grebe	Destes Hackes	70	MACTACI	
12	Boston Harbor W. Tisbury, Falmouth	70 2,9	MAS/TASL D. Rimmer, BBC (J.	Provent)
16, 18 21, 25	Dennis (Corp. B.), Lakeville	20+, 1	B. Nikula, W. Peters	
Red-necked Grebe	Dennis (Corp. D.), Lakevine	201,1	D. 141kulu, 11.10015	U.I.
thr	Hull	135 max 3/14, 3/	27 P. Thayer + v. o.	
5, 12	Cape Ann, Boston Harbor	8, 31	J. Berry#, MAS/TAS	L
21	Winthrop, Dennis	26, 22+	T. Aversa, B. Nikula	
Northern Gannet				
12	Boston Harbor	12	MAS/TASL	
21 Great Cormorant	Nantucket	100	M. Hall	
thr	Lakeville	1 or 2 ad	W. Petersen + v. o.	
2,4	N. Scituate, Cape Ann	150, 50	R. Forster, BBC (R.	Vernon)
25	Brewster (Cliff Pd)	125	B. Nikula#	( childh)
Double-crested Con				
12	Boston Harbor	22	MAS/TASL	
18,29	Falmouth, Newburyport	4, 11	BBC (J. Bryant), T. A	Aversa
Great Blue Heron				
4,6	Plymouth, Hull	4,4	W. Petersen, P. Thay	
11,26 Great Egrat	Westport, Acoaxet	7,28	R. Stymeist#, G. Gov	/0#
Great Egret 26	Dartmouth, Acoaxet	1,1	R. Forster	
28, 29	Quabbin (G43), Eastham (F.H.		C. Quinlan, fide R. P	rescott
Snowy Egret	Q	, -, -		
27,30	Hingham, Hull	1,1	K. Ward, P. Thayer	
Black-crowned Nig				
19	Brookline	2	D. F. Oliver	
White Ibis	hore Helifor 1 ed 2/21 2/22 2 e	4 2 /22 20 T Aug	ma M Daina ( u. a. 1	V Desutt i u o
21-29 Middel Tundra Swan	boro-Halifax 1 ad 3/21-3/22; 2 a	a 3/23-29 1. Ave	rsa, $M$ . Paine + v. 0., v	W. Diew# + $V$ . 0.
15	GMNWR	6	M. Noland, R. Walto	n
18-19	Middleboro-Halifax	2 ad	W. Petersen $\#$ + v. o.	
Mute Swan		N.W. 1952		
10, 11	Cape Ann, Acoaxet	14,210	D. Chickering, R. Sty	ymeist#
16, 27	W. Tisbury, N. Scituate	10, 24	D. Rimmer, P. Thaye	r
Greater White-fro	nted Goose (from Nov.)	2/0 1 1	NT 77. 1. #	
11 Snow Coose	New Bedford	2 (Greenland rac	e) L. Taylor#	
Snow Goose 15-25	Middleboro-Halifax	1-3	K. Anderson + v. o.	
28	Quabbin (G43)	5200	C. Quinlan	
29	Sudbury, Quabbin	110,200	W. Petersen#, D. Sm	all#
"Blue" Snow Goose	3		CONTRACTOR FORMATION AND ADDRESS	
1-11	Framingham	1 ad (from Feb.)		
24-25	W. Bridgewater	2	K. Ryan $+ v. o.$	
29	Sudbury	1	W. Petersen#	
Brant 4	Plumouth	200	W. Petersen	
12	Plymouth Boston Harbor	300 2579	MAS/TASL	
20, 21-31	Quincy, Ipswich	700, 30-80	E. Taylor, D. Rimme	r
Canada Goose	Quinty, iponion			
11	New Bedford, Westport	450+,900+	R. Stymeist#	
15, 17	Halifax, E. Middleboro	175, 100+	K. Anderson	
18	Waltham, Adamsville	100, 400+	R. Stymeist, B. Sorrie	e#
18	Halifax, Lakeville	225, 250	W. Petersen	
"Richardson's" Can		1	R. Forster + v. o.	
15-24 Wood Duck	Concord (Nine Acre Corner)	1	K. FOISICI + $V. 0.$	
17, 18	GMNWR, Milford	10, 16	T. Aversa, R. Hildret	h
18, 19	Quabbin (G41), New Braintree	10, 6	M. Lynch#	
19, 21	E. Middleboro, Halifax	2,4	K. Anderson, T. Ave	rsa
25, 29	Quabbin (G40), IRWS	6,46	M. Lynch#, R. Heil	
Green-winged Teal				
17	Arlington, Scituate	4,6	R. Stymeist, D. Clap	
18	Middleboro, Quabbin (G41)	20, 19	W. Petersen, M. Lyne	L 1177

DATE	LOCATION	NUMBER	OBSERVERS	MARCH 1989
Green-winged Teal 21	(continued) Halifax, Bridgewater	120, 21	T. Aversa, G. d'En	
22	Wayland, P.I.	12, 75	R. Forster, W. Drev	v#
"Eurasian" Green-w 24-25	West Harwich	1	R. Comeau#	
American Black Du		206	LCES (L LIIII)	
thr	S. Dart. (Allens Pd)	206 max 485 max 3/2	LCES (J. Hill) W. Drew $\#$ + v. o.	
thr 12	PRNWR Boston Harbor	2254	MAS/TASL	
18, 25	Middleboro	500, 300	W. Petersen	
Mallard	Multicore			
12	Boston Harbor	228	MAS/TASL	
23, 25	Quabbin (G40), New Braintree	48,60+	G. d'Entremont, M	. Lynch#
Northern Pintail				
11, 18	Westport, S. Hanson	12, 1	L. Taylor#, W. Pete	ersen
18	Falmouth, Middleboro	20, 20	BBC (J. Bryant), W	
18,22	P.I. Nawhunt Middlahoro	6,27 8,35+	J. Center#, T. Aver H. Wiggin#, W. Pe	
25 Plue winged Teel	Newbypt, Middleboro	0, 33+	II. Wiggilim, W. IC	tersen
Blue-winged Teal 22, 23	Marshfield, Quabbin (G40)	2,2	D. Clapp, G. d'Ent	remont
25, 29	Middleboro, P.I.	1, 3	W. Petersen, T. Av	
Northern Shoveler				
11, 18-31	Middleboro, P.I.	2,2	R. Stymeist, BBC (	(J. Center) + v. o.
28	Bolton	1	C. Quinlan	
Gadwall				
22	P.I.	17	W. Drew#	
American Wigeon	Delever New Dedford	20.24	D Stumpist I Ton	lor#
4,11	Belmont, New Bedford	30, 24 2, 12	R. Stymeist, L. Tay R. Stymeist	/101#
18 18, 19	Mt. A., Waltham P.I., Arlington	14, 19	BBC (J. Center), L	Taylor
21, 25	Wayland, Plymouth	17, 19	R. Forster, G. d'En	
Canvasback	in uj laita, i sjinouti			
4, 11, 25	Lakeville	150, 360, 5	W. Petersen, D. Da	vis#, W. Petersen
11, 18	Acoaxet	24,95	R. Stymeist#, B. So	
19-22, 29	Marlboro, Athol	3 or 4, 1	R. Graefe, D. Smal	1
Ring-necked Duck		C 20	C Caus DDC/D	Davia
7,11	Framingham, Lakeville	6, 20 15; 60, 200	G. Gove, BBC (D. W. Petersen	Davis)
18; 18, 25	W. Bridgewater; S. Hanson Wayland, W. Newbury	11, 100	R. Forster, M. Arg	ne#
21, 25 25, 26	Holliston, Halifax	104, 15	R. Hildreth, J. You	
27, 29	Holden, Athol	49,68	M. Lynch#, D. Sm	
Greater Scaup	Thomas in the second seco			
5,11	Newbypt, Lakeville	8 or 9, 120	J. Berry, BBC (D.	Davis)
12	Boston Harbor	1734	MAS/TASL	
16, 18	W. Tisbury, Falmouth	200+, 400+	D. Rimmer, BBC (	
18	Acoaxet, Newburyport	100+, 200	B. Sorrie#, D. Chic	ckering
Lesser Scaup	Dismouth (Dillington Son)	7,11	W. Petersen, T. Av	erca#
4, 22 22, 25	Plymouth (Billington Sea) P.I., Manomet	5,2	W. Drew#, G. d'En	
26	Lakeville	5	M. Lynch#	
Common Eider	Lakovino			
12	Boston Harbor	5535	MAS/TASL	
19	Chatham	10,000+	B. Nikula	
King Eider			D. C	1917
12	Nahant	1 f	R. Stymeist, T. Est	es
Harlequin Duck	Manomet Point	3-5	S. Hess#	
thr thr	N. Scituate	3	V. O.	
2,4	Squibnocket, Cape Ann	38,7	V. Laux, BBC (R.	Vernon)
Oldsquaw	equinoment, cupe runn			
14, 18	Newburyport	19,65	D. Chickering	
21	Nantucket	200,000	M. Hall	
Black Scoter				
2, 12	P.I., Nahant	8,2	W. Drew#, T. Este	S#
Surf Scoter	Martin	500	M Hall	
21	Nantucket	500	M. Hall	
	tor			
White-winged Scot 3, 11	ter P.I.	1000+, 100+	BBC (R. McHale)	D. Chickering

DATE	LOCATION	NUMBER	OBSERVERS	<b>MARCH 1989</b>
Common Golder	neve			
thr	Ipswich (Crane Beach)	10-30	D. Rimmer	
thr	S. Dart. (Allens Pd)	23 max	LCES (J. Hill)	
thr	Newbypt (Merrimack R.)	600+ max 3/5	J. Berry + v. o.	
2, 10, 22	PRNWR	40, 80, 150	W. Drew#	
11, 12	Lakeville, Boston H.	250, 1453	BBC (D. Davis), M	MAS/TASL
Barrow's Golden				
1-18	Newburyport	1-3	v. o.	
Bufflehead				
12	Boston Harbor	2350	MAS/TASL	
Hooded Mergan	ser		CONTRACTOR OF THE OWNER	
11, 17	Lakeville, Stoneham	8,5	BBC (D. Davis), T	. Aversa
18	Belmont, Falmouth	12, 5	R. Stymeist, BBC	
18	Halifax, Quabbin (G41)	7, 10	W. Petersen, M. Ly	
19, 22, 29	GMNWR, P.I., Petersham	2, 4, 28	D. F. Oliver, W. D	rew#, D. Small
Common Merga	nser			
11, 12	Lakeville, Newbypt	47, 15	BBC (D. Davis), B	BC (I. Giriunas)
15, 19	Wayland (Heards Pd)	85, 140	R. Forster	
17, 18	Stoneham, Arlington	37,64	T. Aversa, R. Stym	neist
Red-breasted Me	erganser	10000000000000000000000000000000000000		
thr	Ipswich, S. Dart.	5-16, 43 max	D. Rimmer, LCES	(J. Hill)
12	Boston Harbor	1361	MAS/TASL	
12, 16	Salisbury, W. Tisbury	75+, 25+	M. Lynch#, D. Rin	nmer
19, 21	Chatham, Nantucket	430, 1000	B. Nikula, M. Hall	
Ruddy Duck				
18, 19	Belmont, Arlington	2, 5	R. Stymeist, L. Tay	ylor#

#### VULTURES THROUGH LARKS

Turkey Vultures are on the increase in eastern Massachusetts, and there were reports of Turkey Vultures from many locations. Ospreys were first reported on March 25, right on time. A maximum of 10 Bald Eagles was counted in the Newburyport area, where up to 10 Northern Harriers were also noted. All three species of accipiters were reported, and Red-shouldered Hawks were seen moving throughout the month with a pair on territory in East Middleboro by midmonth. Red-tailed Hawks (a.k.a. "interstate buzzard") along the region's major highways were counted on March 9 and 11. Rough-legged Hawks were present until March 26, and an adult Golden Eagle was seen at Quabbin. Wild Turkeys were seen and heard in Boxford State Forest.

A Clapper Rail was noted at Allens Pond in South Dartmouth, and up to 225 American Coots were present at the Billington Sea in Plymouth through most of the month. Piping Plovers returned to coastal beaches by March 5, the earliest date in *Bird Observer* field records, and they were seen at eight locations during the month. There were many reports of migrating flocks of Killdeers, and an American Oystercatcher was reported from Nantucket on March 21. One observer reported 2 Willets on Plum Island on March 25, an extremely early date. On the early date of March 31, an Upland Sandpiper was reported from Halifax. Not since the same date in 1962 has such an early arrival of Upland Sandpiper been reported.

Common Black-headed Gulls were noted in Boston and Newburyport harbors, and a bird demonstrating the characteristics of a Thayer's Gull was reported from Provincetown, possibly the same bird that was seen there in January. Lesser Black-backed Gulls also were noted, including two reports from inland locations.

Screech-owl reports included a red-phase bird in Worcester and one found dead in Lakeville. Snowy Owls were present through March 28, and a Long-eared Owl was noted in Essex. People who went to see the White Ibis in Halifax in the late afternoon were treated to views of up to six Short-eared Owls coursing the fields.

Red-bellied Woodpeckers were still present in Marshfield and in South Dartmouth, and a Yellow-bellied Sapsucker was noted at Plum Island on March 29. Eastern Phoebes were noted in numbers by the end of the month. G.W.G.

Turkey Vulture			
2, 23	S. Dart. (Allens Pd)	1,1	LCES (J. Hill)
4,11	Bridgewater, S. Dartmouth	1,2	W. Petersen, R. Stymeist#
15,29	Milton	4,8	B. Wicks, N. Smith
18,26	Quabbin (G41), Barre	4,5	M. Lynch#
26, 29	Fall River, Sudbury	3,3	E. Nielsen#, W. Petersen#
11-28	Reports of individuals from 1	2 locations.	
Osprey			
25,26	Acoaxet	1,5	J. + G. Fernandez, G. Gove#
25,28	Lakeville	1, pr at nest	W. Petersen, T. Aversa

DATE	LOCATION	NUMBER	OBSERVERS	MARCH 1989
Bald Eagle	N 1	10 2/15 /1	ad ( 0 imm) P. Hail (	
4-18	Newburyport area		ad + 9 imm) R. Heil +	v. 0.
11	Westport, Concord	1 ad, 1 ad	L. Taylor#, C. Storrs	Holmes
6,11	Lakeville	1 ad, 1 ad	fide K. Anderson, K.	
19,26	Quabbin (G43), N. Middleboro	10, 1 ad	M. Lynch#, K. Holm	es
Northern Harrier			LODG (LILIII)	
thr	S. Dart. (Allens Pd)	1 or 2	LCES (J. Hill)	
thr	Newburyport-P.I.	10 max 3/29	T. Aversa + v. o.	
16, 21	M.V., Nantucket	2, 10	D. Rimmer, M. Hall	
25	W. Bridgewater	3	W. Petersen	
28	E. Middleboro	3	K. Holmes	
28	Sudbury, Concord	2 m, 1 m	W. Petersen#	
Sharp-shinned Haw	k			
3,27	Needham, Sudbury	1,2	W. Petersen	
19, 24	Belmont, Easton	1, 1	D. F. Oliver, M. Rya	1
26, 27	Lakeville, Holden	1,2	M. Lynch#	
Cooper's Hawk		10 M		
16, 22	DWWS, Bridgewater	1, 1	D. Brown#, W. Peter	sen
26	Acoaxet	2	E. Nielsen#	
Northern Goshawk				
4, 19	Middleboro	1 ad, 1	T. + J. Cameron, D. I	Oliver
6,18	Concord, Quabbin (G41)	1, 1	G. Moretti, M. Lynch	1#
Red-shouldered Hay				
1,2	Hanson, Easton	1 ad, 1	W. Petersen, K. Ryar	1
11-31	E. Middleboro	1 or 2	K. Anderson	
12; 16, 25	Bridgewater; DWWS	1; 1, 1	G. d'Entremont#	
18, 22	Quabbin, DWWS	4,2	H. Wiggin#, T. Aver	sa
22, 28	Lakeville, Sudbury	2,1	K. Ryan, W. Peterser	
Red-tailed Hawk				
9	Rt. 495 (Bridgewater-Hopkinton	n) 7	K. Anderson	
11	Rt. 2 (Concord-Gardner)	5	G. d'Entremont#	
11	Rt. 495 (Harvard-Raynham)	10	G. d'Entremont#	
11	Rt. 128 (Concord-Milton)	8	L. Taylor#	
11	Rt. 24 (Milton-Fall River)	9	R. Stymeist#	
11	Middleboro-Lakeville	13	BBC (D. Davis)	
21	Nantucket	8	M. Hall	
Rough-legged Haw				
2-26	P.I.	4 max 3/2	W. Drew# + v. o.	
4-19	Middleboro	1	v. o.	
Golden Eagle				
19	Quabbin (G43)	1 ad	M. Lynch#	
American Kestrel	Quine in (e. c.)			
4-26	Newburyport area	5 max 3/5	BBC (R. McHale)	
29	Ipswich, Halifax	9,21	D. Rimmer, T. Avers	a
Peregrine Falcon	-pointer, standard		2	375
11, 15	Bolton, Eastham	1, 1	E. Salmela, A. Thom	35
16, 19	M. V., Nantucket	1, 1 ad	D. Rimmer, M. Litch	
15, 25	Boston	2, 1	E. Taylor	inord.
Ruffed Grouse	Doston	2, 1	L. rayioi	
13, 26	Milton	3,2	G. d'Entremont, T. +	I Cameron
22, 24	Easton, N. Middleboro	2, 1	K. Ryan, K. Holmes	r. cumeron
Wild Turkey	Luston, M. Mindaleboro	2, 1	R. Ryan, R. Honnes	
7	Petersham, Belchertown	22, 12	W. Drew#	
11, 18	New Salem, Barre	12, 14	D. F. Oliver, M. Lyn	ch
29	Boxford (C.P.)	2	R. Hamburger	en
Northern Bobwhite	Doxioid (C.I.)	-	R. Hanouger	
4, 12	Middleboro, Halifax	4,25	W. Petersen	
Clapper Rail	Milducooro, mamax	4,25	w. retersen	
o chapper Ran	S. Dart. (Allens Pd)	1	LCES (J. Hill)	
American Coot	J. Dat. (Allens I u)		LCES (J. IIII)	
4-25	Plymouth (Billington Sea)	225 max 3/22	T. Aversa + v. o.	
Black-bellied Plove		225 max 5/22	1. Aveisa $+$ v. 0.	
		1	D Dimmor	
31 Dining Player	Ipswich	1	D. Rimmer	
Piping Plover	Chotham Insuich	2, 2-4	Eda D. Dessaatt D. D.	limmor
5, 20-31	Chatham, Ipswich		fide R. Prescott, D. R	aminer
22, 25	P.I., Westport	1,3	W. Drew#, J. + G. Fe	
26, 27	Acoaxet, Duxbury	3,3	R. Forster, F. Bygate	<i>4</i> .
28	Scituate	2	S. Hecker	
29	S. Dart. (Allens Pd)	6	LCES (J. Hill)	

DATE	LOCATION	NUMBER	OBSERVERS	MARCH 1989
Killdeer				200
11, 12	Uxbridge, Newbypt	1,1	R. Hildreth, BBC (I.	Giriunas)
18, 19	Belmont, Middleboro	36,60	R. Stymeist#	
20, 21	Braintree, Halifax	19,46	G. d'Entremont#, T.	Aversa
17-20 American Oustarca	Reports of 3-40 birds from ma	ny locations.		
American Oysterca 21	Nantucket	1	M. Hall	
Greater Yellowlegs			IVI. Han	
18,29	Westport, Norwell	1,1	B. Sorrie#, D. Clapp	
29	S. Dart. (Allens Pd)	1	LCES (J. Hill)	
Lesser Yellowlegs				
18	Westport	1	B. Sorrie#	
29	S. Dart. (Allens Pd)	1	LCES (J. Hill)	
Willet				
25	P.I.	2	F. Burrill	
Upland Sandpiper	TTalifan	1	C. Kallana	
31	Halifax	1	S. Kellogg	
Sanderling	Toowigh	2.4	D. Dimmon	
24, 31 Purple Sendningr	Ipswich	2,4	D. Rimmer	
Purple Sandpiper	Boston Harbor, P.I.	21, 14	MAS/TASL, D. Chic	karing
12, 14 22, 25	N. Scituate, Westport	320, 25	T. Aversa, J. + G. Fe	
Dunlin	N. Schuale, Westport	520, 25	1. Aversa, J. + O. Fe	manuez
14,29	S. Dart. (Allens Pd)	47,61	LCES (J. Hill)	
18, 31	Westport, Ipswich	200,66	B. Sorrie#, D. Rimm	or
Common Snipe	Westport, ipswien	200,00	D. Somer, D. Rimm	
12	Newburyport	3	I. Giriunas	
19-26	Halifax-Middleboro	28 max 3/22	G. d'Entremont $\#$ + v	0
29	Marshfield	26	D. Clapp	
American Woodcoo				
10-31, 14-22	Essex, Hopkinton	2-4, 1 or 2	D. Rimmer, J. Gordo	n#
17, 19	Marshfield, P.I.	4,3	D. Clapp, A. + B. Do	lorey
19, 21	Nantucket, Middleboro	12, 8	M. Litchfield, R. Sty	
25, 26	Milton, N. Middleboro	6,4	T. + J. Cameron, K.	Holmes
28	Canton	11	T. Aversa	
Laughing Gull		140	120 - D120 - D14	
19	Chatham	1	B. Nikula	
Common Black-hea		<i>C</i> 0	D 0111 1 100	m. ar
10, 12	Winthrop, Boston Harbor	6,8	D. Chickering, MAS	
5, 15	Newburyport, E. Boston	3, 5	BBC (R. McHale), J.	. Quigley#
22 Poporato's Cull	Quincy	1 ad	T. Aversa	
Bonaparte's Gull	Nawhurmort	19	I Quiglav#	
Ring-billed Gull	Newburyport	19	J. Quigley#	
3, 20	Lynn, Hull	155, 120	J. Quigley#, P. Thay	er
Thayer's Gull	Byim, man	100, 120	J. Quigioji, I. Thay	
5	Provincetown	1 ad	D. Ludlow	
Iceland Gull	rioniliotioni		Di Eudion	
3, 12	Hull, Boston Harbor	1 ad, 2	P. Thayer, MAS/TAS	SL
4-17	Newburyport Harbor	7 max 3/17	J. Quigley# + v. o.	
4,10	Lakeville, Gloucester	1 (1W), 3	W. Petersen, D. Chic	kering
19,20	Quabbin (G43), Ipswich	1,1	M. Lynch#, D. Rimn	
Lesser Black-backe	d Gull		a construction of the second se	
12	Boston Harbor	1	MAS/TASL	
17, 21	E. Boston	1 imm, 1	J. Young, T. Aversa	
21, 30	Wayland, Concord	1,1	R. Forster, W. Peters	en#
Glaucous Gull				
4	Lakeville	1 (1W)	W. Petersen	
Black Guillemot	-			
4,5	Cape Ann	5, 5	BBC (R. Vernon), J.	Berry#
5	Newburyport	1	BBC (R. McHale)	
Eastern Screech-Ov		1 1 (ac 1)	I.D	
2,3	Ipswich, Worcester	1, 1 (red)	J. Berry, M. Lynch#	lines
4	Lakeville, Newburyport	1 (dead), 1	W. Petersen, D. F. Ol	liver
11	Middleboro-Lakeville	3	BBC (D. Davis)	
			M. Ryan	
12	Easton			
12 Great Horned Owl		2	fide G. d'Entremont	
12 Great Horned Owl thr	Milton	2 1 1	fide G. d'Entremont	
12 Great Horned Owl thr		2 2, 1, 1 1	fide G. d'Entremont W. Petersen J. Heywood, L. Taylo	nr#

DATE	LOCATION	NUMBER	OBSERVERS	MARCH 1989
9,11 26,29	Cambridge, Middleboro Holliston, Newburyport	1,5 2,2	R. Stymeist#, K. Ho R. Hildreth, T. Aver	
	Homston, Newburyport	2, 2	R. Indicul, T. Aver	Sa
Snowy Owl	C Dest (Allana Dd)	1	LCEC (I LIII)	
	S. Dart. (Allens Pd)	1,1	LCES (J. Hill)	IZ ATASI
11, 12	P.I., Boston Harbor		D. Chickering, MAS	SITASL
14,28	Eastham, Chatham	1, 1	fide R. Prescott	
Barred Owl		1.0	1 O 1 # 17 II.1	
5, 11	Holliston, N. Middleboro	1,3	J. Gordon#, K. Holr	
21-22, 28	DFWS, Canton (F.M.)	1, 1	fide W. Petersen, T.	Aversa
30	Boxford (C.P.)	1	J. Berry#	
Long-eared Owl				
5	Essex	2	J. Berry	
Short-eared Owl				
3,8	P. I., Taunton	1,1	D. Chickering, fide	W. Petersen
9-29	S. Dart. (Allens Pd)	1	LCES (J. Hill)	
12-23	Halifax-Middleboro	6 max 3/22	D. Clapp $+ v. o.$	
15,26	E. Boston	1,1	L. Rogers, T. Avers	a
Northern Saw-whe		-,-		
4-19	P.I.	2 max	v. o.	
2	Hamilton	1 calling	J. Berry	
	Hammon	rearing	J. Dony	
Belted Kingfisher	Nauhumment Quehhin (C41)	2,3	BBC (I. Giriunas),	M Lynch#
12, 18	Newburyport, Quabbin (G41)	1,2	P. Thayer, R. Hildre	
20, 26	Hull, Holliston	1, 2	F. Inayer, K. mult	Sul
Red-bellied Wood		1 ad as	LODE (L LIN)	
thr	S. Dartmouth (LCES)	1 ad m	LCES (J. Hill)	
15, 16	Mashpee, DWWS	1, 1 (from Dec.)	P. Trimble, D. Brow	vn#
Yellow-bellied Say			-	
29	P.I.	1 m	T. Aversa	
Northern Flicker			and the second second	
1, 14	E. Middleboro, Raynham	1, 1	K. Anderson	
11	Middleboro	9	BBC (D. Davis)	
Pileated Woodpec	ker			
17, 19	Norwell, Quabbin (G43)	1,1	D. Clapp, M. Lyncl	h#
23, 27	Quabbin (G40), Holden	2,1	G. d'Entremont, M	
28, 29	Quabbin, Boxford (C.P.)	4,2	C. Quinlan, R. Han	
Eastern Phoebe	<b>Q</b> anooni, - on or (or )		-	0
18	Quabbin, Mt. A., SRV	2, 3, 2	H. Wiggin#, R. Sty	meist#, E. Nielsen
19,28	Middleboro, Sudbury	3, 5	L. Taylor#, W. Pete	
28, 29	P.I., IRWS	21, 16	S. Perkins, R. Heil	
29, 29	Newburyport area	13	T. Aversa	
	Newburyport area	15	1. Aveisa	
Horned Lark	Inquish	2-14	D. Rimmer	
thr	Ipswich			(P. McHala)
4,5	Salisbury, Newbury	20, 150	D. F. Oliver, BBC	
18, 29	Middleboro, Newbury	150, 250	W. Petersen, T. Av	ci sa

#### SWALLOWS THROUGH FINCHES

The first Tree Swallows of the season arrived on March 18, following a southwest wind, and others were noted from Wayland and Quabbin on March 21 and 23. The American Crow roost in Framingham-Natick numbered over 3000 birds at the beginning of the month and dropped to about 150 by March 18. Good numbers of Carolina Wrens were reported with many individuals noted from new areas. Six Winter Wrens from as many locations were reported during the month.

The many reports of Eastern Bluebirds were encouraging. A total of 71 birds was reported from 22 locations, up from the 9 birds noted in March 1988. Perhaps the relatively mild winter with little snow saved quite a few bluebirds that wintered just south of Massachusetts.

A Bohemian Waxwing was found in Hardwick among a flock of over 100 Cedars. American Robins had a general arrival on March 18 with thousands of birds noted that day from across the state. March 18 also saw large numbers of Red-winged Blackbirds, Common Grackles, and Brown-headed Cowbirds reported. Four Water Pipits were seen in Halifax-Middleboro, and small flocks of Fox Sparrows were widely reported on March 18 as well. Winter finch reports were confined to the Quabbin area. Purple Finches were noted in two locations. R.H.S.

Tree Swallow

18	S. Hanson, Middleboro	25, 10	W. Petersen
21,23	Wayland, Quabbin (G40)	4,2	R. Forster, G. d'Entremont#

DATELOCATIONNUMBEROBSERVERSMARCH 198American Crow 5,18Framingham-Natick Bridgewater3000,150E. Taylor G. d'Entremont11Bridgewater100G. d'Entremont18E. Middleboro1W. Petersen11Hardwick1M. Lynch#11.1Bradwick1M. Lynch#11.23Petersham, Quabbin (G40)55+, 26M. Lynch#, G. d'Entremont#17,18Norwell, Quabbin (G40)15+M. Lynch#, T. Aversa20Quabbin (G40)15+M. Lynch#, T. Aversa219,29Quabbin (G43), P.I.5,5M. Lynch#, T. Aversa3-31,5E. Orleans, Accaset1,1 or 2J. Berry, K. Ryan5-31,5E. Orleans, Accaset1,1 or 2J. Berry, K. Ryan5-31,5E. Orleans, Accaset1,1 or 2J. Berry, K. Ryan20, 27Lexington, Reading1,1D. Dillavou, F. Burrill28, 29Newton, RWS1,1D. Charemont#, W. Petersen20, 27Lexington, Reading1,1T. Aversa, R. Hamburger28, 29Stoncham, Brookline1,1T. Aversa, R. Hamburger28, 29Newton, Middleboro3,4C. Quindan, R. Stymeist#29, 1					
5,18       Framingham-Natick       3000,150       E. Taylor         11       Bridgewater       100       G. d'Entremont         18       E. Middleboro       1       W. Petersen         Common Raven       1       Hardwick       1       M. Lynch#         11. 23       Petersham, Quabbin (G40)       55+, 26       M. Lynch#, G. d'Entremont#         Red-breasted Nuthatch       3, 13       D.Clapp, M. Lynch#         17, 18       Norwell, Quabbin (G40)       15+       M. Lynch#         Brown Creeper       19, 29       Quabbin (G43), P.I.       5, 5       M. Lynch#, T. Aversa         18, 20       Muthatch       1, 1 or 2       J. Berry, K. Ryan       Eventsmat, J. Gordon#         16, 18       Marshfield, Bridgewater       3, 4       G. d'Entremonit#, W. Petersen         18, 20       Miton, Randolph       2, 1       G. d'Entremonit#, W. Petersen         20, 20       Miton, Randolph       2, 1       G. d'Entremonit#, J. Young         25, 26       Plymouth, Hanson       1, 1       G. d'Entremonit#, J. Young         26, 29       Stoneham, Brookline       1, 1       G. d'Entremonit#, J. Young         26, 20       Stoneham, Brookline       1, 1       G. d'Entremonit#, J. Young         26, 27	DATE	LOCATION	NUMBER	OBSERVERS MARCH 1	989
11     Bridgewater     100     G. d'Entremont       18     E. Middleboro     1     W. Petersen       10     Markovick     1     M. Lynch#       11     Hardwick     1     M. Lynch#       11     Petersham, Quabbin (G40)     55+, 26     M. Lynch#, G. d'Entremont#       17, 18     Norwell, Quabbin (G40)     55+, 26     M. Lynch#, G. d'Entremont#       19, 29     Quabbin (G43), P.I.     5, 5     M. Lynch#, T. Aversa       16, 18     Marshifeld, Bridgewater     1, 6     E. Middleboro, Dartmouth       16, 18     Marshifeld, Bridgewater     1, 6     G. d'Entremont#, W. Petersen       18, 20     Milton, Randolph     2, 1     G. d'Entremont#, W. Petersen       18, 20     Milton, Randolph     2, 1     G. d'Entremont#, W. Petersen       20, 27     Lexington, Reading     1, 1     D. Ullavou, F. Burrill       20, 27     Lexington, Reading     1, 1     D. Komar, R. Heil       Winter Wren     1, 1     G. d'Entremont#, J. Young     26, 29       28, 29     Newton, IRWS     1, 1     G. detartemont#, J. Young       26, 29     Stoneham, Brookline     1, 1     T. Aversa, R. Hamburger       4, 11     Lakevick, WMWS     1, 5     M. Lynch#, J. Choiniere       5     Accoaxt, Dartmouth	American Crow				
Fish Cow       Kiddleboro       N. Petersen         18       E. Middleboro       1       W. Petersen         11       Hardwick       1       M. Lynch#         Black-capped Chickadee       1       M. Lynch#, G. d'Entremont#         11, 23       Petersham, Quabbin (G40)       55+, 26       M. Lynch#         Presenter Statustich       3, 13       D.Clapp, M. Lynch#         Presenter Statustich       1, 6       K. M. Lynch#         19, 29       Quabbin (G43), P.I.       5, 5       M. Lynch#, T. Aversa         Carolina Wren       titr, 2-8       Ipswich, Easton       1, 1 or 2       J. Berry, K. Ryan         6-31, 11       E. Middleboro, Darimouth       1, 16       K. Anderson, R. Symeist#         60, 27       Lexington, Reading       1, 1       D. Dillavou, F. Burrill         20, 27       Lexington, Reading       1, 1       D. Dillavou, F. Burrill         28, 20       Newton, IRWS       1, 1       G. d'Entremont#, L. Young         26, 20       Stoncham, Brookine       1, 1       T. Aversa, R. Hamburger         March Wren       Wayland       1       B. Howell         Eastern Bluebird       1, 1       G. d'Entremont#, J. Young         5       S. Welifleet, Lincoln       3,					
18     E. Middleboro     1     W. Petersen       11     Hardwick     1     M. Lynch#       11     Hardwick     1     M. Lynch#       11.     Petersham, Quabbin (G40)     55+, 26     M. Lynch#, G. d'Entremont#       17, 18     Norwell, Quabbin (G40)     15+     M. Lynch#       19, 29     Quabbin (G43), P.I.     5, 5     M. Lynch#, T. Aversa       26arolina Wren     1, 1 or 2     J. Berry, K. Ryan       16, 18     Marshield, Bridgewater     1, 6     G. d'Entremont#, W. Petersen       18, 20     Milton, Randolph     2, 1     G. d'Entremont#, W. Petersen       20, 27     Lexington, Reading     1, 1     D. Komar, R. Heil       Winter Wren     1     G. d'Entremont#, W. Petersen       4, 11     Lakeville, Petersham     1, 1     G. d'Entremont#, J. Young       25, 26     Pirmouth, Hanson     1, 1     G. d'Entremont#, J. Young       26, 29     Stoneham, Brookline     1, 1     T. Aversa, R. Hamburger       4, 11     Lakeville, Petersham     1, 1     Gordon, G. Gove       5     Acoaxet, Dartmouth     3, 1     J. Gordon, G. Gove       5     S. Weitfield, Rangewater     3, 4     C. Quinala, R. Stymeist#       4, 11     Washam     2, 2     P. Trabust#       4,		Bridgewater	100	G. d'Entremont	
Common Raven11Hardwick1M. Lynch#Black-capped Chickadee1X11, 23Petersham, Quabbin (G40)55+, 26M. Lynch#, G. d'Entremont#Red-breasted Nuthatch3, 13D.Clapp, M. Lynch#7, 18Norwell, Quabbin (G40)15+M. Lynch#Brown Creeper19, 29Quabbin (G43), P.I.5, 5M. Lynch#19, 29Quabbin (G43), P.I.5, 5M. Lynch#, T. AversaGarolina Wren1, 1E. Midleboro, Dartmouth1, 16K. Anderson, R. Symeist#6-31, 11E. Midleboro, Dartmouth1, 16K. Anderson, R. Symeist#16, 18Marshfield, Bridgewater3, 4G. d'Entremont#, W. Petersen18, 20Milton, Randolph2, 1G. d'Entremont#, U. Petersen28, 29Newton, IRWS1, 1D. Neurson, R. HeilWinter Wren1, 1Lakville, Petersham1, 125, 26Plymouth, Hanson1, 1G. d'Entremont#, J. Young26, 29Stoneham, Brookline1, 1J. Gordon, G. Gove5S. Welleer, Lincoln3, 1J. Gordon, G. Gove5S. Wellfoer, Lincoln3, 1J. Gordon, G. Gove5S. Welloer, Lancoln3, 1J. Detapat, W. Petersen18Quabbin (G41), Oakham2, 2P. Trimble, J. Miller17, 18Medford, Raynham2, 2P. Roberts, K. Ryan18Quabbin (G41), Oakham3, 3J. Smail, M. Lynch#29Marshfield, Milton5, 7D.Clapp, W. Petersen </td <td></td> <td>E MELTIN .</td> <td></td> <td>W. Datasaa</td> <td></td>		E MELTIN .		W. Datasaa	
11     Hardwick     1     M. Lynch#       11.23     Petersham, Quabbin (G40)     55+, 26     M. Lynch#, G. d'Entremont#       17, 18     Norwell, Quabbin (G40)     3, 13     D.Clapp, M. Lynch#       19, 29     Quabbin (G40)     15+     M. Lynch#       Brown Creeper     19, 29     Quabbin (G40, P.I.     5, 5     M. Lynch#, T. Aversa       25.31, 5     E. Ordenas, Acoaxet     1, 6     K. Williams, J. Gordon#       6-31, 11     E. Middleboro, Dartmouth     1, 16     K. Anderson, R. Stymeist#       10, 18     Marshfield, Bridgewater     3, 4     G. d'Entremont#, W. Petersen       11, 10     D. Dillavou, F. Burrill     28, 29     Newton, IRWS     1, 1       Winter Wren     Lakewille, Petersham     1, 1     G. d'Entremont#, J. Young       25, 26     Plymouth, Hanson     1, 1     G. d'Entremont#, J. Young       26, 29     Stoneham, Brookline     1, 1     G. d'Entremont#, J. Young       26, 26     Stoneham, Brookline     1, 1     T. Aversa, R. Hamburger       Mark Wren     Wayland     1     B. Howell       Eastern Bluebird     4, 1     R. Pressout, fide P. Swift       3     S. Wellfleet, Lincoln     3, 1     J. Gordon, G. Gove       5     S. Wellfleet, Lincoln     3, 1     J. Gordon, G. Gove		E. Middleboro	1	w. Petersen	
Black-capped Chickadee         M. Lynch#, G. d'Entremont#           11. 23         Petersham, Quabbin (G40)         55+, 26         M. Lynch#, G. d'Entremont#           Red-breasted Nuthatch         3, 13         D.Clapp, M. Lynch#           17, 18         Norwell, Quabbin (G40)         15+         M. Lynch#           25         Quabbin (G40), P.I.         5, 5         M. Lynch#, T. Aversa           19, 29         Quabbin (G43), P.I.         5, 5         M. Lynch#, T. Aversa           Carolina Wren         1, 1 or 2         J. Berry, K. Ryan           5-31, 5         E. Orleans, Acoaxet         1, 6         E. Williams#, J. Gordon#           6-31, 11         E. Middleboro, Dartmouth         1, 6         C. Tenremont#         D. Dillavou, F. Burrill           20, 27         Lexington, Reading         1, 1         D. Dillavou, F. Burrill         O. Komar, R. Heil           Winter Wren         1, 1         G. d'Entremont#         J. Young         26, 29         Stoneham, Brookline         1, 1         T. Aversa, R. Hamburger           Marsh Wren         28         Wayland         1         B. Howell         Eastern Bluebird           4, 5         Hardwick, WMWS         1, 5         M. Lynch#, J. Choiniere         5           5         S. Welden         1		Uardwick	1	M Lynch#	
11, 23       Petersham, Quabbin (G40)       55+, 26       M. Lynch#, G. d'Entremont#         17, 18       Norwell, Quabbin (G40)       3, 13       D.Clapp, M. Lynch#         17, 18       Norwell, Quabbin (G40)       15+       M. Lynch#         19, 29       Quabbin (G43), P.I.       5, 5       M. Lynch#, T. Aversa         Carolina Wren       1, 1 or 2       J. Berry, K. Ryan         5-31, 5       E. Ordenas, Acoaxet       1, 6       K. WilliamsH, J. Gordon#         6-31, 11       E. Middleboro, Dartmouth       1, 16       K. Anderson, R. Stymeist#         16, 18       Marshfield, Bridgewater       3, 4       G. d'Entremont#, W. Petersen         18, 20       Milton, Randolph       2, 1       G. d'Entremont#, J. Cordon         20, 27       Lexington, Reading       1, 1       D. Dillavou, F. Burrill         23, 26       Newton, IRWS       1, 1       G. d'Entremont#, J. Choing         24, 29       Newton, Brookline       1, 1       G. d'Entremont#, J. Choing         25, 26       Plymouth, Hanson       1, 1       G. d'Entremont#, J. Choing         26, 29       Stoneham, Brookline       1, 1       G. d'Entremont#, J. Choiniere         31, 14       Otsotro, F. Burrill       3, 1       J. Gordon, G. Gove         5			1	NI. Lynch#	
Red-foreasted Nuthatch3, 13D.Clapp, M. Lynch#17, 18Norwell, Quabbin (G41)3, 13D.Clapp, M. Lynch#25Quabbin (G40)15+M. Lynch#, T. Aversa19, 29Quabbin (G43), P.I.5, 5M. Lynch#, T. AversaCarolina Wrenth, 2, 4J. Berry, K. Ryanth, 2, 4I. Swich, Easton1, 1 or 25, 5E. Orleans, Accastet1, 66, 31, 11E. Midleboro, Dartmouth1, 1616, 13Marshfield, Bridgewater2, 420, 27Lexington, Reading1, 120, 27Lexington, Reading1, 120, 27Lexington, Reading1, 120, 27Lexington, Reading1, 121, 11Lakeville, Petersham1, 125, 26Plymouth, Hanson1, 128, 29Nowton, HWS1, 178, 28Wayland18Hardwick, WMWS1, 59, 11Wenter28Wayland18Hardwick, WMWS1, 59, 11Westoro, Middleboro3, 428C. Quinlan, R. Stymeist#17, 18Medford, Raynham2, 29, 11Westoro, Middleboro3, 426, 27IRWS, Holden1, 117, 18Medford, Raynham2, 29Mashfield, Milton5, 718Quabbin (G41), Oakham2, 217Restoreshind4, 410S. Dartmouth411S. Dartmouth1, 1 <td< td=""><td></td><td></td><td>55+ 26</td><td>M. Lynch#, G. d'Entremont#</td><td></td></td<>			55+ 26	M. Lynch#, G. d'Entremont#	
17, 18       Norwell, Quabbin (G41)       3, 13       D.Clapp, M. Lynch#         25       Quabbin (G40)       15+       M. Lynch#         Brown Creeper       Quabbin (G43), P.I.       5, 5       M. Lynch#, T. Aversa         Carolina Wren       tht 2-8       Ipswich, Easton       1, 1 or 2       J. Berry, K. Ryan         6-31, 11       E. Midlebtoro, Dartmouth       1, 16       C. Midlebtoro, Dartmouth       1, 6       K. Anderson, R. Stymeist#         16, 18       Marshfield, Bridgewater       3, 4       G. d'Entremont#, W. Petersen       1, 1       D. Dillavou, F. Burrill         28, 29       Newton, RWS       1, 1       D. Komar, R. Heil       Winter Wren         4, 11       Lakeville, Petersham       1, 1       G. d'Entremont#, J. Young         26, 29       Stoncham, Brookline       1, 1       T. Aversa, R. Hamburger         Marsh Wren       28       Wayland       1       B. Howell         Eastern Bluebird       4, 1       R. Prescott, fide P. Swift       9, 11       Westoro, Middleboro         3, 4       Ota FB, Shechorn       2, 2       P. Roberts, K. Ryan       18         17, 18       Medford, Rynham       2, 2       P. Trimble, J. Miller       10, 1         17, 18       Medford, Rynham				,	
25     Quabbin (G40)     15+     M. Lynch#       Brown Creeper     19, 29     Quabbin (G43), P.I.     5, 5     M. Lynch#, T. Aversa       Carolina Wren     Ipswich, Easton     1, 1 or 2     J. Berry, K. Ryan       5-31, 5     E. Orleans, Accazet     1, 6     K. Anderson, R. Symeist#       6-31, 11     E. Middleboro, Dartmouth     1, 16     K. Anderson, R. Symeist#       16, 18     Marshfield, Bridgewater     2, 4     G. d'Entremont#       20, 27     Lexington, Reading     1, 1     D. Dillavou, F. Burrill       28, 29     Newton, IRWS     1, 1     D. Komar, R. Heil       Winter Wren     4, 11     Lakeville, Petersham     1, 1     G. d'Entremont#, J. Young       26, 29     Stoncham, Brookline     1, 1     T. Aversa, R. Hamburger       Marsh Wren     28     Wayland     1     B. Howell       Eastern Bluebird     4, 1     R. Prescott, fide P. Swift       4, 5     Hardwick, WMWS     1, 5     M. Lynch#, J. Choiniere       5     S. Weilfleet, Lincoln     3, 4     C. Quinlan, R. Stymeist#       13, 14     Otis AFB, Sherborn     2, 2     P. Trimble, J. Miller       17, 18     Medford, Raynham     2, 2     P. Trimble, J. Miller       18     Quabbin (G40,) Petersham     3, 0     Signeist#, M.			3,13	D.Clapp, M. Lynch#	
Brown Creeper 19, 29Quabbin (G43), P.I. Quabbin (G43), P.I.5, 5M. Lynch#, T. AversaCarolina Wren thr, 2-8 3, 51, 5E. Orleans, Accavet E. Mildleboro, Dartmouth 1, 161, 1 or 2J. Berry, K. Ryan E. Williams#, J. Gordon# G. d'Entremont#, W. Petersen A. d. d'Entremont#, W. Petersen B. 20, 2716, 18 20, 27 20, 27 20, 27 20, 27 20, 27 20, 27 21 20, 27 21, 22, 27 22, 28 23, 26 23, 27 23, 26 24, 11 25, 26 25, 27 26 26, 29 27, 28, 28, 28, 28, 28, 28, 28, 28, 28, 28	White-breasted N	uthatch		The second s	
19. 29Quabbin (G43), P.I.5, 5M. Lynch#, T. AversaCarolina WrenIpswich, Easton1, 1 or 2J. Berry, K. Ryan5-31, 5E. Orleans, Accazet1, 6E. Williams#, J. Gordon#6-31, 11E. Middleboro, Dartmouth1, 16K. Anderson, R. Stymeist#16, 18Marshfield, Bridgewater3, 4G. d'Entremont#, W. Petersen18, 20Milton, Randolph2, 1G. d'Entremont#20, 27Lexington, Reading1, 1D. Dillavou, F. Burrill28, 29Newton, IRWS1, 1G. G'Entremont#4, 11Lakeville, Petersham1, 1G. d'Entremont#, J. Young26, 29Stoneham, Brookline1, 1T. Aversa, R. HamburgerMarsh WrenWayland1B. HowellEastern Bluebird4, 5M. Lynch#, J. Choiniere4, 5Accaset, Dartmouth3, 1J. Gordon, G. Gove5S. Wellfleet, Lincoln4, 1R. Prescott, fide P. Swift9, 11Westory, Nakhleboro3, 4C. Quinlan, R. Stymeist#13, 14Otis AFE, Sherborn2, 2P. Roberts, K. Ryan18Quabbin (G41), Oakham2, 2P. Roberts, K. Ryan18Quabbin (G40), Neatham2, 2P. Roberts, K. Ryan19S. Jartmouth4R. Stymeist#25, 29Quabbin (G40), Oakham2, 2P. Roberts, K. Ryan10S. Dartmouth4R. Stymeist#11S. Dartmouth4R. Stymeist#126, 29IRWS1, 1A.		Quabbin (G40)	15+	M. Lynch#	
Carolina WrenIpswich, Easton1, 1 or 2J. Berry, K. Ryan5:31, 5E. Orleans, Accaxet1, 6E. Williams#, J. Gordon#6:31, 11E. Middleboro, Darmouth1, 16K. Anderson, R. Stymeist#16, 18Marshfield, Bridgewater3, 4G. d'Entremont#, W. Petersen18, 20Milton, Randolph2, 1G. d'Entremont#, W. Petersen20, 27Lexington, Reading1, 1D. Dillavou, F. Burrill20, 27Lexington, Reading1, 1O. Komar, R. HeilWinter Wren1I. M. Vetersen, M. Lynch#4, 11Lakeville, Petersham1, 1K. Anderson, R. Stymeist#25, 26Plymouth, Hanson1, 1G. d'Entremont#, J. Young26, 29Stoncham, Brookline1, 1T. Aversa, R. HamburgerMarsh Wren28Wayland1B. Howell28Wayland1, 5M. Lynch#, J. Choiniere29S. Wellfleet, Lincoln3, 1J. Gordon, G. Gove5Acoaxet, Dartmouth3, 1J. Gordon, G. Gove5S. Wellfleet, Lincoln3, 4C. Quinlan, R. Stymeist#13, 14Otis AFB, Sherborn2, 2P. Timble, J. Miller17, 18Medford, Raynham2, 2P. Timble, J. Miller17, 18Quabbin (G40), Petersham8, 3D. Small, M. Lynch#26, 27IRWS, Holden1, 3R. Stymeist#10S. Dartmouth4R. Stymeist#11S. Dartmouth4R. Stymeist120general arrival <td></td> <td>0 11: (012) DI</td> <td></td> <td>M I washing T Assessed</td> <td></td>		0 11: (012) DI		M I washing T Assessed	
thr 2-8 5-31, 5Ipswich, Easton (or leans, Accoaret)1, lor 2 (or leans, Accoaret)J. Berry, K. Ryan (or liams#, J. Gordon# (or dentermont#, W. Petersen (or dentermont#, J. Young (or dentermont#, J. Choiniere (or dentermont#, J. Koung (or dentermont#, J. Choiniere (or dentermont#, J. Choiniere (or dentermont#, J. I. J. Gordon, G. Gove (or dentermont#, J. I. D. Clapp#, W. Petersen <td></td> <td>Quabbin (G43), P.I.</td> <td>5,5</td> <td>M. Lynch#, 1. Aversa</td> <td></td>		Quabbin (G43), P.I.	5,5	M. Lynch#, 1. Aversa	
5-31, 5É. Orleans, Acoaxet1, 6E. Williams#, J. Gordon#6-31, 11E. Middleboro, Dartmouth1, 16K. Anderson, R. Stymeist#18, 20Milton, Randolph2, 1G. d'Entremont#20, 27Lexington, Reading1, 1D. Dillavou, F. Burrill20, 27Lexington, Reading1, 1D. Dillavou, F. Burrill20, 27Lexington, Reading1, 1D. Dillavou, F. Burrill20, 27Lexington, Reading1, 1D. Komar, R. HeilWinter Wren4, 11Lakeville, Petersham1, 1G. d'Entremont#, J. Young26, 29Stoneham, Brookline1, 1T. Aversa, R. HamburgerMarsh Wren28Wayland1B. Howell28Wayland1, 5M. Lynch#, J. Choiniere4, 5Hardwick, WMWS1, 5M. Lynch#, J. Stymeist#5S. Wellfeet, Lincoln3, 1J. Gordon, G. Gove5S. Wellfeet, Lincoln3, 4C. Quinlan, R. Stymeist#13, 14Otis AFB, Sherborm2, 2P. Timble, J. Miller17, 18Medford, Raynham2, 2M. Lynch#, M. Lynch#18Quabbin (G41), Oakham2, 2M. Lynch, S. Carroll25, 29Quabbin (G41), Oakham5, 7D. Clapp#, W. Petersen18Quabbin (G41), Oakham5, 7D. Clapp, N. Smith19Hardwick-New Braintree1, 3R. Stymeist#10S. Dartmouth4R. Stymeist#11S. Dartmouth4M. Stymeist#1200RE		Inswich Easten	1 1 05 2	I Darry V Duan	
6-31, 11       E. Middleboro, Dartmouth       1, 16       K. Anderson, R. Stymeist#         16, 18       Marshfield, Bridgewater       3, 4       G. d'Entremont#, W. Petersen         18, 20       Mikuon, Randolph       2, 1       G. d'Entremont#, W. Petersen         20, 27       Lexington, Reading       1, 1       D. Dillavou, F. Burrill         28, 29       Newton, IR WS       1, 1       O. Komar, R. Heil         Winter Wren					
16, 18       Marshfield, Bridgewater       3, 4       G. d'Entremont#, W. Petersen         18, 20       Milton, Randolp       1, 1       G. d'Entremont#, W. Petersen         20, 27       Lexington, Reading       1, 1       D. Dillavou, F. Burrill         28, 29       Newton, IRWS       1, 1       O. Komar, R. Heil         Winter Wren       1, 1       G. d'Entremont#, J. Young         26, 29       Stoneham, Brookline       1, 1       G. d'Entremont#, J. Young         26, 29       Stoneham, Brookline       1, 1       T. Aversa, R. Hamburger         Marsh Wren       2       Acoaxet, Dartmouth       3, 1       J. Gordon, G. Gove         5       Acoaxet, Dartmouth       3, 1       J. Gordon, G. Gove       5         5       S. Wellfeet, Lincoln       4, 1       R. Prescott, fide P. Swift         9, 11       Westboro, Middleboro       3, 4       C. Quinlan, R. Stymeist#         13, 14       Otis AFB, Sherborn       2, 2       P. Timble, J. Miller         17, 18       Medford, Raynham       2, 2       P. Roberts, K. Ryan         18       Dubbin (G40), Petersham       8, 3       D. Small, M. Lynch#         25, 29       Quabbin (G40), Petersham       302, 600       R. Stymeist#         11 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
18, 20       Milton, Randolph       2, 1       G. d'Entremont#         20, 27       Lexington, Reading       1, 1       D. Dillavou, F. Burrill         28, 29       Newton, IRWS       1, 1       O. Komar, R. Heil         Winter Wren       1, 1       G. d'Entremont#, J. Young         26, 29       Stoncham, Brookline       1, 1       T. Aversa, R. Hamburger         Marsh Wren       1       B. Howell         28       Wayland       1       B. Howell         Eastern Bluebird       4, 5       Hardwick, WMWS       1, 5       M. Lynch#, J. Choiniere         5       Acoaxet, Dartmouth       3, 1       J. Gordon, G. Gove       5         5       S. Wellfleet, Lincoln       4, 1       R. Prescott, Inde P. Swift         13, 14       Otis AFB, Sherborn       2, 2       P. Trimble, J. Miller         17, 18       Medford, Raynham       2, 2       P. Roberts, K. Ryan         18       DWWS, S. Hanson       1, 1       D. Clapp#, W. Petersen         18       Quabbin (G40), Petersham       8, 3       D. Small, M. Lynch#         29       Marshfield, Milton       5, 7       D. Clapp, N. Smith         Hermit Thrush       SRV, Middleboro       general arrival       R. Forster					
20, 27Lexington, Reading1, 1D. Dillavou, F. Burrill28, 29Newton, IRWS1, 1O. Komar, R. HeilWinter Wren1, 1Lakeville, Petersham1, 1O. Komar, R. Heil4, 11Lakeville, Petersham1, 1G. d'Entremont#, J. Young26, 29Stoneham, Brookline1, 1T. Aversa, R. HamburgerMarsh Wren1B. Howell28Wayland1B. HowellEastern Bluebird4, 5Acoaxet, Dartmouth3, 1J. Gordon, G. Gove5S. Wellfleet, Lincoln4, 1R. Prescott, fide P. Swift9, 11Westboro, Middleboro3, 4C. Quinlan, R. Stymeist#17, 18Medford, Raynham2, 2P. Trimble, J. Miller17, 18Medford, Raynham2, 2P. Trimble, J. Miller18Quabbin (G41), Oakham2, 2M. Cupach, W. Petersen18Quabbin (G40), Petersham8, 3D. Small, M. Lynch#25, 29Quabbin (G40), Petersham8, 3D. Small, M. Lynch#29Marshfield, Milton5, 7D. Clapp, N. Smith11S. Dartmouth4R. Stymeist#4, 16Halfax, Wayland50, 3 (first)W. Petersen18Mat. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree100M. Lynch#18Hardwick-New Braintree100M. Lynch#19S. Dartmouth4R. Stymeist4, 16Halifax, Wayland50, 3 (first)W. Peters					
28, 29Newton, IRWS1, 1O. Komar, R. HeilWinter Wren4, 11Lakeville, Petersham1, 1W. Petersen, M. Lynch#25, 26Plymouth, Hanson1, 1G. d'Entremont#, J. Young26, 29Stoncham, Brookline1, 1T. Aversa, R. HamburgerMarsh WrenB. Howell28Wayland1B. HowellEastern Bluebird4, 5Hardwick, WMWS1, 54, 5Acoaxet, Dartmouth3, 1J. Gordon, G. Gove5Acoaxet, Dartmouth3, 1J. Gordon, G. Gove5S. Wellifeet, Lincoln4, 1R. Prescut, Ifde P. Swift9, 11Westboro, Midleboro2, 2P. Oberts, K. Ryan13, 14Otis AFB, Sherborn2, 2P. Oberts, K. Ryan18DWWS, S. Hanson1, 1D. Clapp#, W. Petersen18Quabbin (G41), Oakham2, 2M. Lynch, S. Carroll26, 27IRWS, Holden1, 3R. Stymeist#, M. Lynch#29Marshfield, Milton5, 7D.Clapp#, N. Smith11S. Dartmouth4R. Stymeist#4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin50, 3 (first)W. Petersen18Mt. A., Quabbin1, 2P. Westrom#, R. Heil11S. Dartmouth1R. Stymeist18Hardwick, New Braintree100, 125 maxW. Petersen19S. Dartmouth1R. Stymeist10S. Dartmouth1R. Stymeist	20, 27				
4,11Lakeville, Petersham1,1W. Petersen, M. Lynch#25, 26Plymouth, Hanson1,1G. d'Entremont#, J. Young26, 29Stoneham, Brookline1,1T. Aversa, R. HamburgerMarsh WrenB. HowellB. Howell28Wayland1B. Howelleastern Bluebird4,5M. Lynch#, J. Choiniere4,5Hardwick, WMWS1,5M. Lynch#, J. Choiniere5Accazet, Dartmouth3,1J. Gordon, G. Gove5S. WellReet, Lincoln4,1R. Prescott, fide P. Swift13,14Otis AFB, Sherborn2,2P. Trimble, J. Miller17,18Medford, Raynham2,2P. Roberts, K. Ryan18DWWS, S. Hanson1,1D. Clapp#, W. Petersen18Quabbin (G41), Oakham2,2M. Lynch#25,29Quabbin (G40), Petersham8,3D. Small, M. Lynch#25,29Quabbin (G40), Petersham8,3D. Small, M. Lynch#11S. Dartmouth4R. Stymeist#11S. Dartmouth4R. Stymeist#18Markhicel, Mildeboro30,3 (first)W. Petersen, R. Forster18Bardwick-New Braintree100N. Lynch#18Hardwick-New Braintree100R. Stymeist11S. Dartmouth1,1A. Williams, R. Stymeist#18Hardwick-New Braintree100R. Forster, W. Petersen18Hardwick1M. Lynch#19E. Orleans, S. Dartmouth1,1R. Stymeist <td></td> <td></td> <td></td> <td>O. Komar, R. Heil</td> <td></td>				O. Komar, R. Heil	
25, 26Plymouth, Hanson1, 1G. d'Entremont#, J. YoungMarsh Wren1, 1T. Aversa, R. Hamburger28Wayland1Eastern Bluebird1B. Howell4, 5Acoaxet, Dartmouth3, 15Acoaxet, Dartmouth3, 17, 18Westboro, Middleboro3, 49, 11Westboro, Middleboro3, 413, 14Otis AFB, Sherborn2, 218DWWS, S. Hanson1, 118Quabbin (G41), Oakham2, 229Quabbin (G40), Petersham8, 329Quabbin (G40), Petersham8, 329Marshfield, Milton5, 729Marshfield, Milton5, 711S. Dartmouth44, 16Halifax, Wayland18Mt. A., Quabbin19S. Jartmouth4K. Stymeist#11S. Dartmouth4R. Stymeist, H. Wiggin#18Mardwick-New Braintree10S. Dartmouth11E. Orleans, S. Dartmouth12Forster, W. Petersen13Haifax4N. Lynch#14Hardwick15N. Lynch#16Halifax17Y. Middleboro18Bardwick19N. Jartmouth11F. Orleans, S. Dartmouth12P. Westrom#, R. Heil13Hardwick14Halifax25, 29Rubber15Northere16					
26, 29Stoncham, Brookline1, 1T. Aversa, R. Hamburger28Wayland1B. HowellEastern Bluebird1J. Gordon, G. Gove4, 5Acoaxet, Dartmouth3, 1J. Gordon, G. Gove5S. Wellfleet, Lincoln4, 1R. Prescott, fide P. Swift9, 11Westboro, Middleboro3, 4C. Quinlan, R. Stymeist#13, 14Otis AFB, Sherborn2, 2P. Trimble, J. Miller17, 18Medford, Raynham2, 2P. Roberts, K. Ryan18Quabbin (G41), Oakham2, 2M. Lynch, S. Carroll26, 27IRWS, Holden1, 3R. Stymeist#, M. Lynch#25, 29Quabbin (G40), Petersham8, 3D. Small, M. Lynch#29Marshfield, Milton5, 7D.Clapp, N. Smith11S. Dartmouth4R. Stymeist#11S. Dartmouth4R. Stymeist#18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18SRV, Middleborogeneral arrivalR. Forster18SRV, Middleborogeneral arrivalR. Forster, W. Petersen11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#120IRWS1, 2P. Westrom#, R. Heil11S. Dartmouth1R. Stymeist12E. Orleans, S. Dartmouth1, 1R. Stymeist14Hafdwick1M. Lynch#15Dartmouth1R. Stymeist16, 29IRWS1N. Lynch#11 <t< td=""><td>4,11</td><td>Lakeville, Petersham</td><td></td><td></td><td></td></t<>	4,11	Lakeville, Petersham			
Marsh WrenWayland1B. Howell28Wayland1B. Howell4,5Hardwick, WMWS1,5M. Lynch#, J. Choiniere4,5Accaxet, Dartmouth3,1J. Gordon, G. Gove5S. Wellfleet, Lincoln4,1R. Prescott, fide P. Swift9,11Westboro, Middleboro3,4C. Quinlan, R. Stymeist#13,14Otis AFB, Sherborn2,2P. Trimble, J. Miller17,18Medford, Raynham2,2P. Roberts, K. Ryan18Quabbin (G4), Oakham2,2M. Lynch, S. Carroll26,27IRWS, Holden1,3R. Stymeist#, M. Lynch#25,29Quabbin (G4), Petersham8,3D. Small, M. Lynch#29Marshfield, Milton5,7D. Clapp, N. Smith11S. Dartmouth4R. Stymeist#4,16Halifax, Wayland50,3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#11E. Orleans, S. Dartmouth1,1A. Williams, R. Stymeist#16SRV, Middleborogeneral arrivalR. Forster, W. Petersen6ray Catbird1,1A. Williams, R. Stymeist#11S. Dartmouth1R. Stymeist120Hardwick1N. Lynch#11S. Dartmouth1R. Stymeist12Pit1V. o.13Halifax4W. Petersen14Halifax1M. Lynch#15S. Dartmouth1M. Lynch# <td></td> <td></td> <td></td> <td></td> <td></td>					
28Wayland1B. HowellEastern Bluebird4, 5Hardwick, WMWS1, 5M. Lynch#, J. Choiniere5Acoaxet, Dartmouth3, 1J. Gordon, G. Gove5S. Wellfleet, Lincoln4, 1R. Prescott, fide P. Swift9, 11Westboro, Middleboro3, 4C. Quinlan, R. Stymeist#13, 14Otis AFB, Sherborn2, 2P. Trimble, J. Miller17, 18Medford, Raynham2, 2P. Roberts, K. Ryan18DWWS, S. Hanson1, 1D.Clapp#, W. Petersen18Quabbin (G41), Oakham2, 2M. Lynch, S. Carroll26, 27IRWS, Holden1, 3R. Stymeist#, M. Lynch#29Marshfield, Milton5, 7D.Clapp, N. Smith11S. Dartmouth4R. Stymeist, H. Wiggin#18Mft. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Mft. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree1200M. Lynch#18Brown Thrasher1, 1A. Williams, R. Stymeist#11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. Heil11B. Dartmouth1R. Stymeist26, 29IRWS1, 1M. Lynch#18Halifax4W. Petersen19Bohemian Waxwing4, 4W. Petersen11Hatifax1M. Lynch#12P. Westrommed1M. Lynch#<		Stoneham, Brookline	1, 1	T. Aversa, R. Hamburger	
Eastern Bluebird4, 5Hardwick, WMWS1, 5M. Lynch#, J. Choiniere5Acoaxet, Dartmouth3, 1J. Gordon, G. Gove5S. Wellfleet, Lincoln4, 1R. Prescott, fide P. Swift9, 11Westboro, Middleboro3, 4C. Quinlan, R. Stymeist#13, 14Otis AFB, Sherborn2, 2P. Trimble, J. Miller17, 18Medford, Raynham2, 2P. Trimble, J. Miller18Quabbin (G41), Oakham2, 2M. Lynch#, W. Petersen18Quabbin (G40), Petersham8, 3D. Small, M. Lynch#29Marshfield, Milton5, 7D. Clapp, N. Smith11S. Dartmouth4R. Stymeist#4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#11E. Orleans, S. Dartmouth4R. Forster, W. Petersen18SRV, Middleborogeneral arrivalR. Forster, W. Petersen11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#126, 29IRWS1, 2P. Westrom#, R. Heil11B. Dartmouth1R. Stymeist18Halifax4W. Petersen19Hardwick1M. Lynch#10R. Stymeist1R. Stymeist11B. Dartmouth1R. Stymeist120IRWS1Northern Strike11S. Dartmouth1R. Stymeist18Halifax4W.		Wardand		D. Henrell	
4,5Hardwick, WMWS1,5M. Lynch#, J. Choiniere5Acoazet, Dartmouth3,1J. Gordon, G. Gove5S. Well/feet, Lincoln4,1R. Prescott, fide P. Swift9,11Westboro, Middleboro3,4C. Quinlan, R. Stymeist#13,14Otis AFB, Sherborn2,2P. Trimble, J. Miller17,18Medford, Raynham2,2P. Roberts, K. Ryan18DWWS, S. Hanson1,1D.Clapp#, W. Petersen18Quabbin (G41), Oakham2,2M. Lynch#, J. Choiniere26,27IRWS, Holden1,3R. Stymeist#, M. Lynch#25,29Quabbin (G40), Petersham8,3D. Small, M. Lynch#29Marshfield, Milton5,7D.Clapp, N. Smith11S. Dartmouth4R. Stymeist#4,16Halifax, Wayland50,3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302,600R. Stymeist, H. Wiggin#18Hardwick-New Braintree1200M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. Petersen11E. Orleans, S. Dartmouth1,1A. Williams, R. Stymeist#26, 29IRWS1,2P. Westrom#, R. Heil11S. Dartmouth1R. Stymeist12V. Middleboro20, 125 maxW. Petersen11Bartmouth1M. Lynch#26,29P.I., S. Dartmouth1M. Lynch#11Halifax4W. Petersen11Halifax, Hardwick200, 125 max<	and a state of the second second second second	wayland	1	B. Howell	
5Acoavet, Dartmouth3, 1J. Gordon, G. Gove5S. Wellfleet, Lincoln4, 1R. Prescott, fide P. Swift9, 11Westboro, Middleboro3, 4C. Quinlan, R. Stymeist#13, 14Otis AFB, Sherborn2, 2P. Trimble, J. Miller17, 18Medford, Raynham2, 2P. Roberts, K. Ryan18DWWS, S. Hanson1, 1D. Clapp#, W. Petersen18Quabbin (G41), Oakham2, 2M. Lynch, S. Carroll26, 27IRWS, Holden1, 3R. Stymeist#, M. Lynch#29Marshfield, Milton5, 7D. Clapp, N. Smith11S. Dartmouth4R. Stymeist#4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18SRV, Middleborogeneral arrivalR. Forster, W. Petersen11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. Heil11S. Dartmouth1R. Stymeist26, 29IRWS1, 2P. Westrom#, R. Heil11S. Dartmouth1R. Stymeist26, 29IRWS1, 2P. Westrom#, R. Heil11B. Dartmouth1R. Stymeist26, 29IRWS1, 2W. Petersen11Youthett1M. Lynch#26, 29IRWS1M. Lynch#11Halifax4W. Petersen11Halifax <t< td=""><td></td><td>Hardwick WMWS</td><td>15</td><td>M Lynch# I Choiniere</td><td></td></t<>		Hardwick WMWS	15	M Lynch# I Choiniere	
5S. Wellfleet, Lincoln4, 1R. Prescott, fide P. Swift9, 11Westboro, Middleboro3, 4C. Quinlan, R. Stymeist#13, 14Otis AFB, Sherborn2, 2P. Trimble, J. Miller17, 18Medford, Raynham2, 2P. Roberts, K. Ryan18DWWS, S. Hanson1, 1D.Clapp#, W. Petersen18Quabbin (G41), Oakham2, 2M. Lynch, S. Carroll26, 27IRWS, Holden1, 3R. Stymeist#, M. Lynch#29Quabbin (G40), Petersham8, 3D. Small, M. Lynch#29Marshfield, Milton5, 7D.Clapp#, N. Smith11S. Dartmouth4R. Stymeist#4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Mt. A., Quabbin200, 0M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. Petersen11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#126, 29IRWS1, 2P. Westrom#, R. Heil11S. Dartmouth1R. Stymeist12V. WetersenM. Lynch#13Halifax4W. Petersen14Halifax4W. Petersen15Dartmouth1R. Stymeist16, 29P.I.1V. o.Yellow-rumped Warbler5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. Young <t< td=""><td>5</td><td></td><td></td><td></td><td></td></t<>	5				
9,11Westboro, Middleboro3,4C. Quinlan, R. Stymeist#13, 14Otis AFB, Sherborn2,2P. Roberts, K. Ryan17, 18Medford, Raynham2,2P. Roberts, K. Ryan18DWWS, S. Hanson1,1D.Clapp#, W. Petersen18Quabbin (G41), Oakham2,2M. Lynch, S. Carroll26, 27IRWS, Holden1,3R. Stymeist#, M. Lynch#29Quabbin (G40), Petersham8,3D. Small, M. Lynch#29Marshfield, Milton5,7D.Clapp, N. SmithHermit Thrush11S. Dartmouth4R. Stymeist#, M. Lynch#11S. Dartmouth4R. Stymeist#, H. Wiggin#4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18SRV, Middleborogeneral arrivalR. Forster, W. Petersen11E. Orleans, S. Dartmouth1,1A. Williams, R. Stymeist#11E. Orleans, S. Dartmouth1,2P. Westrom#, R. Heil11S. Dartmouth1R. StymeistWater Pipit1R. Stymeist18Halifax4W. Petersen10Bohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing4, 4-11Halifax, Hardwick200, 125 max11F.I.1v.o.Yellow-rumped Warbler5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10<					
13, 14Otis AFB, Sherborn2, 2P. Trimble, J. Miller17, 18Medford, Raynham2, 2P. Roberts, K. Ryan18DWWS, S. Hanson1, 1D. Clapp#, W. Petersen18Quabbin (G41), Oakham2, 2M. Lynch, S. Carroll26, 27IRWS, Holden1, 3R. Stymeist#, M. Lynch#25, 29Quabbin (G40), Petersham8, 3D. Small, M. Lynch#29Marshfield, Milton5, 7D. Clapp, N. SmithHermit Thrush11S. Dartmouth4R. Stymeist#11S. Dartmouth4R. Stymeist, H. Wiggin#18Mt. A., Quabbin302, 600M. Lynch#18Mt. A., Quabbin302, 600M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. Petersen11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#126, 29IRWS1, 2P. Westrom#, R. Heil11S. Dartmouth1R. Stymeist26, 29IRWS1N. Petersen11S. Dartmouth1R. Stymeist126, 29IRWS1N. Lynch#11Halifax4W. Petersen12Bothemian Waxwing4W. Petersen11Hardwick1M. Lynch#12Yetersen1V. O.Yellow-rumped Warbler5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler18, 23Hollisto			3.4		
17, 18Medford, Raynham2, 2P. Roberts, K. Ryan18DWWS, S. Hanson1, 1D. Clapp#, W. Petersen18Quabbin (G41), Oakham2, 2M. Lynch, S. Carroll26, 27IRWS, Holden1, 3R. Stymeist#, M. Lynch#29Quabbin (G40), Petersham8, 3D. Small, M. Lynch#29Marshfield, Milton5, 7D. Clapp, N. SmithHermit Thrush4R. Stymeist#11S. Dartmouth4R. Stymeist#4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. Petersen11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#126, 29IRWSIRWS1, 2P. Westrom#, R. HeilBrown Thrasher1, 2P. Westrom#, R. Heil11S. Dartmouth1R. Stymeist26, 29IRWS1N. Lynch#11S. Dartmouth1R. Stymeist26, 29IRWS1N. Lynch#11Halifax4W. Petersen12Halifax4W. Petersen13Halifax1M. Lynch#14Halifax, Hardwick100, 125 maxW. Petersen, M. Lynch#11-18P.I.1v. o.Yellow-rumped Warbler5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. Young			2,2		
18Quabbin (G41), Oakham2, 2M. Lynch, S. Carroll26, 27IRWS, Holden1, 3R. Stymeist#, M. Lynch#25, 29Quabbin (G40), Petersham8, 3D. Small, M. Lynch#29Marshfield, Milton5, 7D.Clapp, N. SmithHermit Thrush11S. Dartmouth4R. Stymeist#4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree1200M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. PetersenGray Catbird1, 1A. Williams, R. Stymeist#11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1R. Stymeist11S. Dartmouth1R. Stymeist12Y. Detersen4W. Petersen11B. Dartmouth1R. Stymeist12V. Petersen1M. Lynch#11Halifax4W. Petersen12Y. Detersen1M. Lynch#13Halifax1M. Lynch#14Hardwick1M. Lynch#15Op 125 maxW. Petersen, M. Lynch#16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont16, 25K. Middleboro3 or 4	17, 18	Medford, Raynham	2,2		
26, 27IRWS, Holden1, 3R. Stymeist#, M. Lynch#25, 29Quabbin (G40), Petersham8, 3D. Small, M. Lynch#29Marshfield, Milton5, 7D.Clapp, N. SmithHermit Thrush11S. Dartmouth4R. Stymeist#11S. Dartmouth4R. Stymeist#American Robin4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree1200M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. Petersen11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1S. Dartmouth111S. Dartmouth1R. Stymeist18Halifax4W. Petersen10S. Dartmouth1R. Stymeist11S. Dartmouth1R. Stymeist126Halifax4W. Petersen11Hardwick1M. Lynch#12YetersenM. Lynch#13Halifax, Hardwick200, 125 maxW. Petersen, M. Lynch#11-18P.I.1v. o.11-18P.I.1v. o.16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler18, 23Holliston, Plymouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25K. Middleboro <td></td> <td></td> <td>1, 1</td> <td></td> <td></td>			1, 1		
25, 29Quabbin (G40), Petersham8, 3D. Small, M. Lynch#29Marshfield, Milton5, 7D.Clapp, N. SmithHermit Thrush1S. Dartmouth4R. Stymeist#11S. Dartmouth4R. Stymeist#American Robin4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree1200M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. PetersenGray Catbird1, 1A. Williams, R. Stymeist#10E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1R. Stymeist11S. Dartmouth1R. Stymeist18Halifax4W. PetersenWater Pipit1M. Lynch#18Halifax4VetersenM. Lynch#Varwing1M. Lynch#11Hardwick1Vetersen, M. Lynch#1Cedar Waxwing1M. Lynch#11-18P.I.1yv. o.Yellow-rumped Warbler5, 145, 9P.I., S. Dartmouth5, 1416, 25W. Tisbury, Norwood10+, 1016, 25W. Tisbury, Norwood10+, 10Pine Warbler1, 1R. Hildreth, G. d'Entremont18, 23Holliston, Plymouth3 or 4 singing<			2,2		
29Marshfield, Milton5, 7D.Clapp, N. SmithHermit Thrush11S. Dartmouth4R. Stymeist#11S. Dartmouth4R. Stymeist#American Robin4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree1200M. Lynch#18Hardwick-New Braintree1200M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. PetersenGray Catbird1E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#10S. Dartmouth1, 2P. Westrom#, R. Heil26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1R. Stymeist11S. Dartmouth1R. Stymeist11S. Dartmouth1M. Lynch#Vater Pipit1M. Lynch#18Halifax4W. PetersenBohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing1N. Lynch#11-18P.I.1v. o.Yellow-rumped Warbler5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler1, 1R. Hildreth, G. d'Entremont18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson </td <td></td> <td></td> <td>1, 3</td> <td></td> <td></td>			1, 3		
Hermit ThrushIS. Dartmouth4R. Stymeist#11S. Dartmouth4R. Stymeist#American Robin4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree1200M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. PetersenGray Catbird1E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1S. Dartmouth1R. Stymeist11S. Dartmouth1R. Stymeist18Halifax4W. Petersen10S. Dartmouth1M. Lynch#11Hardwick1M. Lynch#12Y. PetersenNorthern Shrike11Hardwick200, 125 maxW. Petersen, M. Lynch#11-18P.I.1v. o.Yellow-rumped Warbler5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler1, 1R. Hildreth, G. d'Entremont18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson			8, 5		
11S. Dartmouth4R. Stymeist#American Robin4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree1200M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. PetersenGray CatbirdI.1E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1S. Dartmouth1R. Stymeist11S. Dartmouth1R. StymeistWater Pipit1Halifax4W. Petersen18Halifax4W. PetersenBohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing1N. Lynch#11-18P.I.1v. o.Yellow-rumped Warbler5, 9P.I., S. Dartmouth5, 145, 9P.I., S. Dartmouth10+, 10D. Rimmer, J. YoungPine Warbler10+, 10D. Rimmer, J. Young18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson		Waishield, Winton	5,7	D.Clapp, N. Silliu	
American Robin4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree1200M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. Petersen11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1R. Stymeist11S. Dartmouth1R. Stymeist18Halifax4W. Petersen10Bohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing1M. Lynch#11-18P.I.1v. o.Yellow-rumped Warbler5, 9P.I., S. Dartmouth5, 145, 9P.I., S. Dartmouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler13 or 4 singingK. Anderson		S Dartmouth	4	R Stymeist#	
4, 16Halifax, Wayland50, 3 (first)W. Petersen, R. Forster18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree302, 600R. Stymeist, H. Wiggin#18SRV, Middleborogeneral arrivalR. Forster, W. PetersenGray Catbird1E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1S. Dartmouth1R. Stymeist11S. Dartmouth1R. Stymeist18Halifax4W. Petersen8ohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing4, 4-11Halifax, Hardwick200, 125 max11-18P.I.1v. o.Yellow-rumped Warbler5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler1, 1R. Hildreth, G. d'Entremont18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson		0. Darmoun	1.69	11 01,110131	
18Mt. A., Quabbin302, 600R. Stymeist, H. Wiggin#18Hardwick-New Braintree1200M. Lynch#18SRV, Middleborogeneral arrivalR. Forster, W. PetersenGray Catbird1E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1R. Stymeist11S. Dartmouth1R. Stymeist18Halifax4W. Petersen80hemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing200, 125 maxW. Petersen, M. Lynch#11-18P.I.1v. o.Yellow-rumped Warbler5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler1, 1R. Hildreth, G. d'Entremont18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson		Halifax, Wayland	50, 3 (first)	W. Petersen, R. Forster	
18SRV, Middleborogeneral arrivalR. Forster, W. PetersenGray Catbird11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#1026, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1R. Stymeist11S. Dartmouth1R. StymeistWater Pipit1R. Stymeist18Halifax4W. PetersenBohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing1N. Lynch#4, 4-11Halifax, Hardwick200, 125 maxW. Petersen, M. Lynch#Northern Shrike1v. o.11-18P.I.1v. o.Yellow-rumped Warbler5, 9P.I., S. Dartmouth5, 145, 9P.I., S. Dartmouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler11, 1R. Hildreth, G. d'Entremont18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson	18		302,600	R. Stymeist, H. Wiggin#	
Gray CatbirdI.1A. Williams, R. Stymeist#11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1S. Dartmouth111S. Dartmouth1R. StymeistWater Pipit1K. Stymeist18Halifax4W. PetersenBohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing4, 4-11Halifax, Hardwick200, 125 max4, 4-11Halifax, Hardwick200, 125 maxW. Petersen, M. Lynch#Northern Shrike1v. o.11-18P.I.1v. o.Yellow-rumped Warbler5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler1, 1R. Hildreth, G. d'Entremont18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson	18				
11E. Orleans, S. Dartmouth1, 1A. Williams, R. Stymeist#26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1, 2P. Westrom#, R. Heil11S. Dartmouth1R. StymeistWater Pipit1R. Stymeist18Halifax4W. PetersenBohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing200, 125 maxW. Petersen, M. Lynch#11-18P.I.1v. o.Yellow-rumped Warbler5, 9P.I., S. Dartmouth5, 145, 9P.I., S. Dartmouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler1, 1R. Hildreth, G. d'Entremont18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson		SRV, Middleboro	general arrival	R. Forster, W. Petersen	
26, 29IRWS1, 2P. Westrom#, R. HeilBrown Thrasher1S. Dartmouth1R. Stymeist11S. Dartmouth1R. StymeistWater Pipit1Halifax4W. PetersenBohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing4, 4-11Halifax, Hardwick200, 125 maxW. Petersen, M. Lynch#Northern Shrike1v. o.11-18P.I.1v. o.Yellow-rumped Warbler5, 9P.I., S. Dartmouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson		FOL CD		A Williams D. Stomalatt	
Brown Thrasher1R. Stymeist11S. Dartmouth1R. StymeistWater Pipit1AW. Petersen18Halifax4W. PetersenBohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing4, 4-11Halifax, Hardwick200, 125 max4, 4-11Halifax, Hardwick200, 125 maxW. Petersen, M. Lynch#Northern Shrike1v. o.11-18P.I.1v. o.Yellow-rumped Warbler5, 9P.I., S. Dartmouth5, 145, 9P.I., S. Dartmouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson					
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Water Pipit4W. Petersen18Halifax4W. PetersenBohemian Waxwing1M. Lynch#11Hardwick1M. Lynch#Cedar Waxwing4, 4-11Halifax, Hardwick200, 125 maxW. Petersen, M. Lynch#Northern Shrike1v. o.11-18P.I.1v. o.Yellow-rumped Warbler5, 9P.I., S. Dartmouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson		S Dartmouth	1	R Stymeist	
18Halifax4W. PetersenBohemian Waxwing 11Hardwick1M. Lynch#Cedar Waxwing 4, 4-11Halifax, Hardwick200, 125 maxW. Petersen, M. Lynch#Northern Shrike 11-18P.I.200, 125 maxW. Petersen, M. Lynch#Northern Shrike 		5. Darmouth		it, otymost	
Bohemian Waxwing 11Hardwick1M. Lynch#Cedar Waxwing 4, 4-11Halifax, Hardwick200, 125 maxW. Petersen, M. Lynch#Northern Shrike 11-18P.I.1v. o.Yellow-rumped Warbler 5, 9P.I., S. Dartmouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler 18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson		Halifax	4	W. Petersen	
11Hardwick1M. Lynch#Cedar Waxwing 4, 4-11Halifax, Hardwick200, 125 maxW. Petersen, M. Lynch#Northern Shrike 11-18P.I.200, 125 maxW. Petersen, M. Lynch#11-18P.I.1v. o.Yellow-rumped Warbler 5, 9P.I., S. Dartmouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler 18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson					
4, 4-11Halifax, Hardwick200, 125 maxW. Petersen, M. Lynch#Northern Shrike11-18P.I.1v. o.11-18P.I.1v. o.Yellow-rumped Warbler5, 9P.I., S. Dartmouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson			1	M. Lynch#	
Northern Shrike 11-18P.I.1v. o.Yellow-rumped Warbler 5, 9P.I., S. Dartmouth 16, 255, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler 18, 23Holliston, Plymouth E. Middleboro1, 1R. Hildreth, G. d'Entremont X. Anderson	Cedar Waxwing		5357326		
11-18P.I.1v. o.Yellow-rumped Warbler5, 9P.I., S. Dartmouth5, 14BBC (R. McHale), LCES (J. Hill)16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson		Halifax, Hardwick	200, 125 max	W. Petersen, M. Lynch#	
Yellow-rumped Warbler5,9P.I., S. Dartmouth5,14BBC (R. McHale), LCES (J. Hill)16,25W. Tisbury, Norwood10+,10D. Rimmer, J. YoungPine Warbler18,23Holliston, Plymouth1,1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson					
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16, 25W. Tisbury, Norwood10+, 10D. Rimmer, J. YoungPine Warbler18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson			5 14	PRC (P Mallala) I CES (I Hill)	
Pine Warbler18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson	5,9		5, 14		
18, 23Holliston, Plymouth1, 1R. Hildreth, G. d'Entremont26E. Middleboro3 or 4 singingK. Anderson		w. HISDERY, NOFWOOD	107, 10	D. Rummer, J. Toung	
26 E. Middleboro 3 or 4 singing K. Anderson		Holliston Plymouth	1.1	R. Hildreth, G. d'Entremont	
			0 0		
11 Milford 1 R. Hildreth			1	R. Hildreth	

Rufous-sided Towhee       6       R. Stymeist#         American Tree Sparrow       4       Halifax       500       W. Petersen#         Field Sparrow       4       Halifax       15       W. Petersen#         Vesper Sparrow       4       Halifax       6       W. Petersen#         Savannah Sparrow       4       Halifax       20       W. Petersen#         ''Ipswich'' Savannah Sparrow       18, 23       Salisbury, S. Dart.       1, 1       D. Chickering, LCES (         Fox Sparrow       14, 18       Milton, Mt. A.       1, 10       J. Cameron, R. Stymeist         18       Hopkinton, Sudbury       1, 7       J. Gordon#, G. Gove#         18       Hardwick, Quabbin (G41)       3, 6       M. Lynch#	
American Tree Sparrow500W. Petersen#4Halifax500W. Petersen#Field Sparrow4Halifax15W. Petersen#Vesper Sparrow4Halifax6W. Petersen#Savannah Sparrow4Halifax20W. Petersen#18, 23Salisbury, S. Dart.1, 1D. Chickering, LCES (J. Fox Sparrow14, 18Milton, Mt. A.1, 10J. Cameron, R. Stymeis18Hopkinton, Sudbury1, 7J. Gordon#, G. Gove#18Hardwick, Quabbin (G41)3, 6M. Lynch#	
Field Sparrow4Halifax15W. Petersen#Vesper Sparrow4Halifax6W. Petersen#Savannah Sparrow20W. Petersen#"Ipswich" Savannah Sparrow18, 23Salisbury, S. Dart.1, 1D. Chickering, LCES (Fox Sparrow14, 18Milton, Mt. A.1, 10J. Cameron, R. Stymeis18Hopkinton, Sudbury1, 7J. Gordon#, G. Gove#18Hardwick, Quabbin (G41)3, 6M. Lynch#	
Vesper Sparrow 4Halifax6W. Petersen#Savannah Sparrow 4Halifax20W. Petersen#"Ipswich" Savannah Sparrow 18, 23Salisbury, S. Dart.1, 1D. Chickering, LCES (J. Fox Sparrow 14, 18Fox Sparrow 18Hopkinton, Sudbury 181, 7J. Cameron, R. Stymeis 18, 6BHopkinton, Sudbury 181, 7J. Gordon#, G. Gove# M. Lynch#	
4     Halifax     6     W. Petersen#       Savannah Sparrow     4     Halifax     20     W. Petersen#       "Ipswich" Savannah Sparrow     18, 23     Salisbury, S. Dart.     1, 1     D. Chickering, LCES (J. Sparrow)       14, 18     Milton, Mt. A.     1, 10     J. Cameron, R. Stymeis       18     Hopkinton, Sudbury     1, 7     J. Gordon#, G. Gove#       18     Hardwick, Quabbin (G41)     3, 6     M. Lynch#	
4Halifax20W. Petersen#"Ipswich" Savannah Sparrow18, 23Salisbury, S. Dart.1, 1D. Chickering, LCES (Fox Sparrow14, 18Milton, Mt. A.1, 10J. Cameron, R. Stymeis18Hopkinton, Sudbury1, 7J. Gordon#, G. Gove#18Hardwick, Quabbin (G41)3, 6M. Lynch#	
18, 23Salisbury, S. Dart.1, 1D. Chickering, LCES (Fox Sparrow14, 1818Hopkinton, Sudbury18Hardwick, Quabbin (G41)3, 6M. Lynch#	
14, 18Milton, Mt. A.1, 10J. Cameron, R. Stymes18Hopkinton, Sudbury1, 7J. Gordon#, G. Gove#18Hardwick, Quabbin (G41)3, 6M. Lynch#	st
19, 19-23Reading, Brookline1, 1 or 2F. Burrill, B. Rielly#25, 27Norwood, Holden4, 17J. Young, M. Lynch#25-31Reports of 1-3 individuals from many locations.	
Song Sparrow 18 Dorchester, Sudbury 25, 25 G. d'Entremont#, G. G	ove#
25, 27 Quabbin (G40), Holden 35, 38 M. Lynch, S. Carroll	
Swamp Sparrow27, 31GMNWR, W. Newton1, 1D. Dillavou, T. Kukling	ski
White-crowned Sparrow 17 Marshfield 1 D. Clapp	
Dark-eyed Junco 18 Mt. A., Quabbin 75, 300 R. Stymeist, H. Wiggir	n#
Lapland Longspur	
1-29Newburyport12 maxv. o.12-18Middleboro12 maxv. o.	
Snow Bunting thr Ipswich (Crane Beach) 8-25 D. Rimmer	
5, 29 Newburyport 25, 5 BBC (R. McHale), T. /	Aversa
14, 29         S. Dart. (Allens Pd)         25, 7         LCES (J. Hill)           23, 26         Quabbin (G40), N. Monomoy         50, 40+         G. d'Entremont#, L. Re	oscoe#
Red-winged Blackbird	obcoon
3,4Weymouth, Lakeville1,4W. Petersen4S. Natick, N. Braintree3, 15E. Taylor, M. Lynch#	
11, 12 Middleboro, Newbypt 56, 50 BBC (D. Davis), BBC	
18 Mt. A., Hardwick 49, 250+ R. Stymeist, M. Lynch Eastern Meadowlark	#
thr S. Dart. (Allens Pd) 21 max LCES (J. Hill)	
1, 21; 26         Halifax         7, 15+; 29         K. Anderson; R. Forster           16, 18         W. Tisbury, Sudbury         2, 8         D. Rimmer, G. Gove#	er
16, 18W. Tisbury, Sudbury2, 8D. Rimmer, G. Gove#25Hardwick, Newbury9, 1M. Lynch#, M. Argue#	¥
31 Newton 1 O. Komar	
Rusty Blackbird	1.140
18 Mt. A., Hardwick 2, 2 R. Stymeist, H. Wiggir 20, 21 Braintree, Wayland 3, 30 G. d'Entremont#, R. Fe	
20, 21 Braintree, Wayland 3, 30 G. d'Entremont#, R. Fe	orster
2,4 Foxboro, Lakeville 1,1 M. Kasprzyk, W. Peter	rsen
4, 16 S. Natick, N. Middleboro 1, 1 D. F. Oliver, K. Holme 18 Natick, Hardwick 3500+, 110 E. Taylor, M. Lynch#	
Brown-headed Cowbird	
18 Bridgewater, Hardwick 50, 50 E. Taylor, M. Lynch# Purple Finch	
5,8 Essex, Easton 4,4 J. Berry, K. Ryan Red Crossbill	
25 Quabbin (G41) 1 m singing M. Lynch#	
Pine Siskin 18 Quabbin (G41) 1 M. Lynch#	
Evening Grosbeak 7, 10-25 Petersham, Hardwick 15, 30 max 3/25 W. Drew#, M. Lynch#	

## BIRD OBSERVER FIELD RECORDS

Bird Observer monthly field records represent observations from the ten counties of eastern Massachusetts (Essex, Middlesex, Worcester, Suffolk, Norfolk, Plymouth, Bristol, Barnstable, Duke, and Nantucket). Although space does not permit the inclusion of all sightings submitted, the compilers attempt to present sufficient data to document early and late dates for migratory species, maximum counts for migrants, and high or low numbers for the more common species and to note species outside of their normal ranges.

Please send eastern Massachusetts field records of any given month, no later than the 8th of the subsequent month, to Robert H. Stymeist, 98 Boylston Street, Watertown, MA 02172. The basic information that should be submitted is species name, date and place of observation, an accurate count or careful estimate, sex (if determinable), immature or adult plumage, vocalizations (if any), and observers. Species should be arranged in the current A.O.U. (American Ornithologists' Union) checklist order. Reports of species that can be difficult to identify should include details of the diagnostic characteristics observed or heard that led to the identification.

All field records received by Bird Observer are archived at the Massachusetts Audubon Society.

ad	adult	F.P.	Fresh Pond, Cambridge
b	banded	G37 or 40	Gate 37 or 40, Quabbin
br	breeding	H.	Harbor
dk	dark (phase)	H.P.	Halibut Point, Rockport
f	female	I.	Island
imm	immature	M.V.	Martha's Vineyard
ind	individuals	Mt.A.	Mount Auburn Cemetery, Cambridge
juv	juvenile	Nant.	Nantucket
loc	location	Newbypt	Newburyport
lt	light (phase)	P.I.	Plum Island
m	male	Pd	Pond
max	maximum	P'town	Provincetown
mi	mile	Quab.	Quabbin
migr	migrating	Res.	Reservation
n	nesting	R.P.	Race Point, Provincetown
ph	photographed	S. Dart.	South Dartmouth
pl	plumage	S.N.	Sandy Neck, Barnstable
pr	pair	Stellw.	Stellwagen (Bank)
S	summer (1S = first summer)	BBC	Brookline Bird Club
thr	throughout	BOEM	Bird Observer of Eastern Massachusetts
v.o.	various observers	CBC	Christmas Bird Count
W	winter (2W = second winter)	CCBC	Cape Cod Bird Club
w/	with	DFWS	Drumlin Farm Wildlife Sanctuary
Уg	young	DWWS	Daniel Webster Wildlife Sanctuary
#	additional observers	EMHW	Eastern Massachusetts Hawk Watch
A.A.	Arnold Arboretum	FCBC	Felix Cutler Bird Club
A.P.	Andrews Point, Rockport	GMNWR	Great Meadows National Wildlife Refuge
В.	Beach	IRWS	Ipswich River Wildlife Sanctuary
B.I.	Belle Isle, E. Boston	LCES	Lloyd Center for Environmental Studies
B.R.	Bass Rocks, Gloucester	MAS	Massachusetts Audubon Society
Buzz.	Buzzards Bay	MBO	Manomet Bird Observatory
C.	cape as in Cape Cod	MNWS	Marblehead Neck Wildlife Sanctuary
Cambr.		NEHW	New England Hawk Watch
Corp. E	<ol> <li>Corporation Beach, Dennis</li> </ol>	ONWR	Oxbow National Wildlife Refuge
C.P.	Crooked Pond, Boxford	PRNWR	Parker River National Wildlife Refuge
E.P.	Eastern Point, Gloucester	SRV	Sudbury River Valley
F.E.	First Encounter Beach, Eastham	SSBC	South Shore Bird Club
F.H.	Fort Hill, Eastham	WBWS	Wellfleet Bay Wildlife Sanctuary
F.M.	Fowl Meadow	WMWS	Wachusett Meadow Wildlife Sanctuary

## LIST OF ABBREVIATIONS

BIRD OBSERVER



# FIELD RECORDS

# APRIL 1989

## by George W. Gove and Robert H. Stymeist

April 1989 was a bit on the cool side; the temperature averaged 45.9 degrees, 2.8 degrees below normal. No individual temperature records were broken, though the month's high of 66 degrees on April 27 tied with 1873 and 1888 for the lowest April maximum of record. The temperature of 31 degrees on April 23 was the third latest freeze in fifty-four years of official records at Logan Airport. Precipitation totaled 3.58 inches; the most in any twenty-four hours was 1.36 inches on April 15-16. Fog was more frequent than usual, and no thunder was heard. Southwest winds were recorded on April 3, 7, and 29. R.H.S.

## LOONS THROUGH DUCKS

The April 2 Massachusetts Audubon Society/Take A Second Look (MAS/TASL) waterfowl census in Boston Harbor (East Point in Nahant to the Weir River in Hingham) included counts of 169 Horned Grebes, 57 Red-necked Grebes, 14 Snowy Egrets, 70 Black-crowned Night-Herons, 1987 Brants, 1241 American Black Ducks, 2946 Common Eiders, 565 Common Goldeneyes, 2227 Buffleheads, and 1890 Red-breasted Mergansers. In Hull, 200 Red-necked Grebes were noted on April 3; these numbers declined as the month progressed. A Western Grebe was seen in Hull for four days.

At the Westboro Great Blue Heron rookery, 23 active nests were noted. Tricolored Herons were seen in Scituate. In Ipswich 126 Glossy Ibises were seen feeding in a field on April 18. Later the same day, 120 were observed flying over Essex, and even later 55 were seen roosting on an island off Manchester. An immature White Ibis was seen in Weymouth; this bird had brown in the feathers and therefore was not one of the adult White Ibises seen during March in the Middleboro-Halifax area.

A adult "Blue" Snow Goose was seen with other Snow Geese in Sudbury, and "Eurasian" Green-winged Teals were noted in three locations with one continuing throughout the month in West Harwich. Three Harlequin Ducks noted in Scituate were holdovers from winter, as was a male seen in Winthrop. G.W.G.

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Common Loon				
thr	Ipswich	1-16	D. Rimmer	
2,18	Newburyport, P.I.	6,10	BBC (S. Bolton), T.	Aversa
9,25-30	Lakeville, Stoneham	1, 1 br pl	W. Petersen, T. Ave	arsa
Pied-billed Greb				
1	Westboro, Quabbin (G41)	3, 1	E. Taylor, M. Lyncl	1#
4,8	W. Newbury, Lexington	2,2	T. Aversa, J. Heywo	
16	Concord (Nine Acre Corner)	2	M. Hall	
Reports of inc	lividuals from 8 locations.			
Horned Grebe				
2,9	Boston Harbor, N. Scituate	169, 30	MAS/TASL, G. d'E	ntremont
11,24	Hull-Scituate, Winthrop	51, 1 br pl	R. Forster, T. Avers	a
Red-necked Grel				
2; 3, 27	Boston Harbor; Hull	57; 200, 15	MAS/TASL; P. Tha	ver
11	Hull-Scituate	243	R. Forster	
Western Grebe	Than bernane			
9-12	Hull	1	T. + J. Cameron + v	. 0.
Northern Gannet		0		
9,11	Provincetown, Hull	75, 1	B. Nikula, P. Thaye	r
Great Cormorant				
2,9	Boston Harbor, N. Scituate	36.35	MAS/TASL, G. d'E	ntremont
2; 2, 9	Whitman; Lakeville	1; 2, 3	W. Petersen	
11	N. Scituate	53	T. Aversa	
Double-crested (		1070704		
2	Boston Harbor	62	MAS/TASL	
18,23	P.I., Canton	150, 151	R. Stymeist#	

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
DATE	LOCATION	NUMBER	OBSERVERS APRIL 1989
27	W. Bridgewater	75	K. Anderson
American Bittern	DI Ashal	1 2 1	I Contor I u.o. E Toulor
2-30, 8 29	P.I., Athol	1 or 2, 1 2 calling	J. Center + v.o., E. Taylor R. Stymeist#
29 Reports of indiv	Bolton iduals from 5 locations.	2 cannig	R. Stymeist#
Great Blue Heron	iduals from 5 locations.		
2, 5	Boston Harbor, E. Boston	6,30	MAS/TASL, D. Swanson
9,14	Newton, Westboro	3, 23 nests	O. Komar, S. Selesky
19	PRNWR, Westport	6,6	W. Drew#, R. Stymeist#
30	Taunton	5 ad	B. Sorrie#
	iduals from 7 locations.		
Great Egret			L Down D. Comment
2, 5	Ipswich, E. Boston	1,1	J. Berry, D. Swanson
14, 18	Westport, Essex	6,4	R. Stymeist#
18-28	Middleboro	1 8,7	R. + B. Ekstrom + v. o. LCES (J. Hill)
19, 27 Spowy Egret	S. Dart. (Allens Pd)	0, /	LCLS (J. IIII)
Snowy Egret 2, 2-23	Boston Harbor, Essex	14 17 max 4/18	MAS/TASL, R. Stymeist# + v. o.
3, 14	Hull	2, 12	P. Thayer
18, 19-30	P.I., Ipswich	7, 3-5	R. Stymeist#, D. Rimmer
Little Blue Heron	1, 100	1,00	
7	Wayland	1 imm	R. Walton
9,22	P.I., Essex	1 ad, 2 ad	G. Gove#
24,27	E. Boston, S. Dart. (Allens Pd)	1,1	T. Aversa, LCES (J. Hill)
Tricolored Heron			
8-23	N. Scituate	1 ad	J. Flaherty $+ v. o.$
9-20	Scituate (Third Cliff)	1 or 2	S. Shapiro $+ v. o.$
Cattle Egret		10	C. Court
18-30	Ipswich	19 max 4/29	G. Gove# + v. o.
5; 23, 24 Green-backed Hero	Fitchburg; Chatham	1; 1, 1 dead	P. Debonis; B. Nikula#
10, 26	Randolph, Wayland	1,1	S. Higginbotham, R. Forster
29	Mt. A.	1	V. O.
Black-crowned Nig			
2, 19	Boston Harbor, PRNWR	70,60	MAS/TASL, W. Drew#
17,30	P.I., Brookline	2,6	J. Brown, R. Stymeist#
Glossy Ibis			
11, 16	P.I., Essex	7, 39	M. Argue#, W. Petersen
18	Ipswich	126	R. Stymeist#
24, 28	E. Boston, Essex	14, 22	T. Aversa, D. Rimmer
White Ibis		1.1	D. Deser (Eds. D. Classe)
17 Muto Suura	Weymouth (Grape I.)	1 imm	D. Breen (fide D. Clapp)
Mute Swan thr	Hanson DI	2 nests, 2-5	W. Petersen, v. o.
14-30	Hanson, P.I. Ipswich	2 110515, 2-5	D. Rimmer
Snow Goose	ipswich	2	D. Rummer
2-30	Newburyport-P.I.	13 max 4/17	R. Heil $+ v. o.$
4,5	Ipswich, Sudbury	55,67	D. Rimmer, R. Forster
18	Rutland	125	B. Sorrie#
"Blue" Snow Goose			
5	Sudbury	1 ad	R. Forster
Brant		02.002	12 D 1
thr	Ipswich	15-110	D. Rimmer
2,12	Boston Harbor, Eastham	1987, 380	MAS/TASL, T. Aversa
7,29	Quincy	780, 575	E. Taylor
22-30	Newburyport	225 max 4/30	v. o.
Canada Goose thr	D.I. Inquich	300 max, 400 ma	X X A
Wood Duck	P.I., Ipswich	500 max, 400 ma	X Y.U.
1,2	New Braintree, Bolton	23, 15	M. Lynch#
11, 29	IRWS, Natick	6,3	J. Brown, E. Taylor
Green-winged Teal		-, -	
thr	Middleboro	250 max 4/8	W. Petersen
thr	Newburyport-P.I.	270 max 4/4	W. Drew# + v. o.
"Eurasian" Green-w		Concernance and	a na
thr	W. Harwich	1 m	v. o.
9,17	Provincetown, Ipswich	1 m, 1 m	B. Nikula, R. Heil
American Black Du			
2	Boston Harbor	1241	MAS/TASL
DIDD ODSEDVED		208	Vol 17 No 4 1090

208

Vol. 17, No. 4, 1989

BIRD OBSERVER

DATE	LOCATION	NUMBER	OBSERVERS A	PRIL 1989
American Black Du 4, 19	ck (continued) PRNWR	100, 410	W. Drew#	
Mallard 1, 2	New Braintree, Boston Harbor	84, 119	M. Lynch#, MAS/TASL	
Northern Pintail		20.2	W. Drew#	
4, 19 15, 18	PRNWR Ipswich	20, 2 8, 8	R. Stymeist#	
Blue-winged Teal		20		
thr 28, 30	P.I. Topsfield, Halifax	30 max 4/22 13, 6	v. o. T. Aversa, W. Petersen	
Northern Shoveler				
2 6, 17	Winthrop Dartmouth, Middleboro	1 2 m, 2	MAS/TASL J. Hill, W. Petersen	
9-29	P.I.	7 max 4/23	D. Chickering + v. o.	
Gadwall 2-30	P.I.	16 max 4/19	W. Drew# + v. o.	
22	Ipswich	10 max 4/19 14	R. Stymeist#	
American Wigeon				
1, 5 22, 23	New Braintree, Arlington Mt.A., Topsfield	2, 13 pr, pr	M. Lynch#, T. Aversa v. o., T. Prince	
Canvasback	intern, reponent	p., p.		-10000-112
2, 10 Redbard	Lakeville, Randolph	25,4	W. Petersen, S. Higginbot	ham
Redhead 10	Randolph	2	S. Higginbotham	
Ring-necked Duck		10.00	E Taulas DDC/C Daltas	
1, 2 2, 23; 2	Westboro, W. Newbury S. Hanson; Lakeville	40, 80 25, 2; 50	E. Taylor, BBC (S. Boltor W. Petersen	ŋ
9,25	W. Newbury, Lynnfield	200, 2	R. Forster, T. Aversa	
Greater Scaup 2, 9	Boston Harbor, Lakeville	497, 150	MAS/TASL, W. Petersen	
9,22	Newburyport	110, 2	M. Lynch#	
Lesser Scaup	I -h ill- W/ Mh		W Determine D. Frantes	
2, 9; 24 Common Eider	Lakeville; W. Newbury	10, 8; 2	W. Petersen; R. Forster	
2	Boston Harbor	2946	MAS/TASL	
Harlequin Duck 9, 25	N. Scituate	3, 3	J. Flaherty, R. Abrams	
24	Winthrop	1 m	T. Aversa	
Oldsquaw 9-23	Newburyport	800 max 4/9	M. Lynch# + v. o.	
Black Scoter	Rewouldport	000 max 4/9	M. Lynchi + V. O.	
2	Boston Harbor	1	MAS/TASL	
Surf Scoter 2, 15	Boston Harbor, N. Monomoy	11,75	MAS/TASL, B. Nikula#	
24	Hull	10	P. Thayer	
White-winged Scot	Boston Harbor	67	MAS/TASL	
22, 29	P.I., N. Scituate	700, 75	M. Lynch#, G. d'Entremo	ont
Common Goldeney 2	Boston Harbor	565	MAS/TASL	
9,23	Newburyport	175, 2	M. Lynch#	
Barrow's Goldeney 9		1 m	M. Lunch#	
Bufflehead	Newburyport	1 m	M. Lynch#	
2	Boston Harbor	2227	MAS/TASL	
11, 19, 27 29	S. Dart. (Allens Pd) E. Orleans	33, 30, 17 10	LCES (J. Hill) A. Williams	
Hooded Merganser				
1,2 2,9	Quabbin (G41, G37) Halifax, Petersham	2,24 9,10	M. Lynch# W. Petersen, M. Lynch#	
Common Mergans		9,10	W. I Christin, IVI. Lynchin	
thr	Stoneham	32 max 4/2	T. Aversa	
2; 5, 23 9, 17	Squantum; Arlington Danvers, W. Newbury	145; 34, 7 14, 14	MAS/TASL; T. Aversa J. Brown	
Red-breasted Merg	anser	12200020		
thr 2,9	Ipswich Boston Harbor, P'town	10-160	D. Rimmer MAS/TASL, B. Nikula	
12	N. Truro	1890, 1500 1700	T. Aversa	
		10023		

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Ruddy Duck thr 2, 10	Arlington W. Newbury, Randolph	28 max 4/2 6, 40	T. Aversa + v. o. BBC (S. Bolton), S.	Higginbotham

#### VULTURES THROUGH ALCIDS

Turkey Vultures were seen at many locations with one flock of 29 birds in Barre. A pair of Cooper's Hawks was found nesting in Middleboro—an exciting event for the nest finder. Broad-winged Hawks put in a good appearance on April 29, especially on Cape Cod.

Piping Plovers seem to be holding their own on North Monomoy, where a maximum of 35 was counted. More surprising was a count of 24 at Crane Beach in Ipswich. American Oystercatchers returned to North Monomoy in their usual numbers. This was a good year for Common Snipes with a maximum of 300 in Middleboro and 150 in Newbury.

Little and Common Black-headed gulls were present in Newburyport, and Common Black-headed Gulls were also noted in Boston Harbor. A Lesser Black-backed Gull remained at Nine Acre Corner in Concord for at least the first week of April. Three Caspian Terns were noted at three locations this month, and Common Terns appeared on April 27 with 40 pair present at Bird Island in Buzzards Bay. Black Guillemots in breeding plumage were noted at Marblehead on April 18. G.W.G.

Turkey Vulture			
2-22	Mt. Watatic	15 max 4/21	EMHW
1, 2	Hardwick, Quabbin (G37)	3,4	M. Lynch#
9	Barre, Westminster	29,7	M. Lynch#, R. Stymeist#
9, 15	Provincetown, Princeton	6,7	B. Nikula, S. Selesky
23	Milton	6	R. Stymeist#
Reports of fro	om 1-5 birds from 22 locations.		and the second of the
Osprey			
thr	S. Dart. (Allens Pd)	4 or 5	LCES (J. Hill)
2	Lakeville, Nantucket	pr at nest, 1 at n	est W. Petersen, M. Litchfield
17	Wachusett Mt.	23	EMHW
19	Westport	62	R. Stymeist#
	om 1-3 birds from 10 locations.		
Bald Éagle			
1, 2	Quabbin (G41), (G37)	1 ad + 5 imm, 1	imm M. Lynch#
2,9	Lakeville	1 ad + 1 imm, 1	
26	S. Carver	1 imm	A. Mason
Northern Harrier			
1-29	P.I.	8 max 4/24	R. Forster $+ v. o.$
14-28, 28	Ipswich, Mt. A.	1.1	D. Rimmer, BBC (K. Griffis)
21-28	Reports of individuals from 4		2
Sharp-shinned H	awk	iocutions.	
2,23	Middleboro, N. Scituate	3, 5 in 45 min	W. Petersen
17; 21, 29	Wachusett Mt.; Mt. Watatic	37; 51, 163	EMHW
20, 29	Hull, E. Boston	12,40	P. Thayer, S. Zendeh
29	P.I.	57	EMHW
	dividuals from 10 locations.	51	Emirin
Cooper's Hawk	inviduals from to locations.		
9,29	Middleboro	1 ad, pr nesting	W. Petersen
9,29	Westminster, N. Truro	1, 1	R. Stymeist#, B. Nikula
	lividuals from 10 locations.	1, 1	R. orymoisti, D. Prikula
Northern Goshav	wk		
thr, 3	Boxford, Hingham	pr nesting, 1 f	J. Berry#, R. Fox
8,30	Hanover, Belmont	1, 1 imm	W. Petersen, J. Heywood#
Red-shouldered		1, 1 111111	W. I cloisen, J. Hoywoodh
thr	E. Middleboro	pr nesting	K. Anderson
2,8	Middleboro, Easton	4, 2	W. Petersen, K. Ryan
9,15	Westminster, Boxford	2,2	R. Stymeist#, J. Heywood#
Reports of inc	lividuals from 10 locations.	20, 20	R. Stymeistr, J. Heywood#
Broad-winged H	awk		
15, 17	Quabbin (G40), Princeton	1,3	M. Lynch#, R. Stymeist#
20, 29	Sudbury, Mt. A.	8.3	R. Stymeist#, J. Gordon#
29, 29	E. Boston, N. Truro	20,60	S. Zendeh, W. Swift#
17-29			5. Zenden, w. Switt#
Red-tailed Hawk	Reports of 1-3 birds from 121	ocations.	
		2 0= 2	D. Rimmer
thr	Ipswich Otic AEP, Falmouth	2 or 3	P. Trimble
2,23	Otis AFB, Falmouth	2,2	r. minole
Rough-legged H	CMNIVD E Dester	1.1	DBC (D + D Oliver) & Zerdah
9,29	GMNWR, E. Boston	1, 1	BBC (D. + D. Oliver), S. Zendeh
BIRD OBSERV	ER	210	Vol. 17, No. 4, 1989

DATE	LOCATION	NUMBER	ODSERVERS	ADDII 1000
DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
American Kestrel	Marthana Inquish	1 05 2 1 4	P. Croofe D. Dimmer	
thr thr	Marlboro, Ipswich N. Middleboro	1 or 2, 1-4 pr	R. Graefe, D. Rimmer K. Holmes	
2: 2. 23	Boston Harbor; Otis AFB	6; 3, 8	MAS/TASL; P. Trimble	
2; 2, 23 22, 23; 27; 28, 2	9 P.I.	33, 24; 250; 20,		
Merlin	2 2 2 2 2 2			
2,5	Boston Harbor, Sudbury	1, 1	MAS/TASL, R. Forster	
15, 18	P.I. P.I.	1, 1 1, 7	M. Argue#, T. Aversa R. Forster, J. Clifford	
24, 27 25, 29	Essex, N. Truro	1, 1	T. Aversa, B. Nikula	
Peregrine Falcon		-1-		
thr	Boston (Customs House)	2	V. 0.	
2,27	P.I. E. Boston, Inswich	1,3	J. Center, J. Clifford	
16, 23 Ring-necked Pheas	E. Boston, Ipswich	1, 1 ad	N. Smith, M. Lynch#	
2, 17-30	IRWS, Quincy	1,2	H. Wiggin#, G. d'Entrer	nont
19	S. Dart. (Allens Pd)	4	LCES (J. Hill)	
Ruffed Grouse				
11, 15 Wild Turken	Ipswich, Boxford	1, 3 drumming	J. Berry, R. Stymeist#	
Wild Turkey	Barre, Quabbin (G40)	16, 1	M. Lynch#	
2, 15 22	Boxford	1	J. Berry#	
Northern Bobwhite		1		
2,22	Waltham, Middleboro	5, 5	L. Taylor#, G. d'Entrem	ont
5,12	DWWS, Eastham	12, 15	T. Aversa	
23, 24 King Pail	Halifax, Centerville	8, 16	W. Petersen, P. Trimble	
King Rail 27, 28	Rockland	1	fide W. Petersen	
Virginia Rail		-		
17,29	Hamilton, IRWS	1,2	R. Heil	
27, 28	Needham, Wayland	1, 3 or 4 2	D. Case, R. Forster W. Petersen	
29 Sora	Whitman	2	w.retersen	
21, 29	GMNWR, DWWS	1, 1	D. Morimoto, G. d'Entre	emont
Common Moorhen		20 2017-2010		
30	N. Scituate	1 dead	T. + J. Cameron	
American Coot	Arlington Scituate	2.1	T. Aversa	
5,11 12	Arlington, Scituate Plymouth	2, 1 100	T. Aversa	
Black-bellied Plove		100		
thr	Ipswich	1-3	D. Rimmer	
15,26	N. Monomoy	50, 100	B. Nikula	
22-29 Lassar Coldan Play	Newburyport	6-10	H. Wiggin $+$ v. o.	
Lesser Golden-Plov 15, 21	N. Monomoy, Ipswich	1, 1	B. Nikula#, T. Leverich	
Piping Plover	ra monomoj, spomon	.,		
thr	Ipswich (Crane Beach)	4-24	D. Rimmer	
2-24	N. Monomoy	35 max 4/15	B. Nikula M. Litchfield, BBC (S. I	Rolton)
2 11, 27	Nantucket, P.I. S. Dart. (Allens Pd)	3, 1 1, 6	LCES (J. Hill)	Jontony
Killdeer	S. Dart (Anens I u)	1,0		
1,2	New Braintree, Bolton	10, 15	M. Lynch#	
2,4	Otis AFB, Concord	14,21	P. Trimble, W. Petersen	
5,8	Arlington, Athol	8,6	T. Aversa, M. Lynch#	
American Oystercat 2, 15	N. Monomoy	11,28	B. Nikula	
2,20	Nantucket, M.V.	3,6	M. Litchfield, D. Rimme	er
19,27	S. Dart. (Allens Pd), Fairhaven		LCES (J. Hill), B. Blodg	et
Greater Yellowlegs		105	T Augura Lu a	
2-29	Newburyport	190 max 4/25	T. Aversa + v. o. LCES (J. Hill); B. Nikula	a
19, 27; 28	S. Dart. (Allens Pd); Chatham	30, 7; 48	LCL5 (J. IIII), D. HIKU	a
Lesser Yellowlegs 9-29	Newburyport	15 max 4/23	R. Stymeist# + v. o.	
23, 29	Bridgewater	1, 3	W. Petersen	
			D Forster LOEC /L LUN	D.
Willet		1, 3	R. Forster, LCES (J. Hill	9
24, 27	P. I., S. Dart. (Allens Pd)		R Nikula	
24, 27 30	P. I., S. Dart. (Allens Pd) Chatham	49	B. Nikula	
24, 27			<ul><li>B. Nikula</li><li>T. Aversa, H. Wiggin#</li></ul>	

DATE	LOCATION	NUMBER	OBSERVERS APRIL 1989
Upland Sandpiper			
18,23	Newburyport, Ipswich	1,1	K. Young#, M. Lynch#
23, 28; 23	Otis AFB; E. Boston	2, 3; 1	P. Trimble; N. Smith
25, 20, 25		2, 3, 1	T. Aversa, R. Walton
25,26	Essex, Concord	3,1	T. + J. Cameron, W. Petersen
29	Middleboro, Halifax	6,2	1. + J. Cameron, w. Petersen
Sanderling			D D'
thr	Ipswich	3-14	D. Rimmer
15, 26	N. Monomoy	300, 300	B. Nikula
Pectoral Sandpiper			
29	Bridgewater	7	W. Petersen
Purple Sandpiper	U U		
11,22	N. Scituate, P.I.	1,2	T. Aversa, M. Lynch#
Dunlin	The Bondado, The	-, -	
thr	Ipswich	11-45	D. Rimmer
9-25		37 max 4/25	T. Aversa $+$ v. o.
	Newburyport		B. Nikula
15,26	N. Monomoy	400, 200	D. INIKUIA
Ruff			CI.D.C.
22-25	Newburyport	1	fide R. Stymeist
Short-billed Dowit	cher		1200002_01_01_01_0_0_0
29	Newburyport	1	D. Chickering
Common Snipe	a a construction of the second		
1-17	Middleboro	300 max 4/17	W. Petersen
2	Newbury	150	S. Perkins
15, 18	Ipswich, Newburyport	45, 55	R. Stymeist#
		75, 55	R. Heil, J. Brown
17 American Weedee	Essex, Newbury	15,55	R. Hell, J. Diowil
American Woodco		2.4	D Bimman
thr	Ipswich	2-4	D. Rimmer
2,8	Bolton, Bridgewater	10,4	M. Lynch#, W. Petersen
21	P.I.	1	R. Stymeist#
Laughing Gull			
1, 2	Newburyport, Winthrop	1,1	H. Wiggin#, MAS/TASL
19	New Bedford	28	R. Stymeist#
Little Gull			and a second that a subsection of
16-30	Newburyport	1-3, 3 ad br pl 4	/22 v.o.
Common Black-he		1 0,0 us of pr	
9-23	Newburyport	3 or 4 (3 ad)	v. o.
2-28	Boston Harbor	1 or 2	v. o.
	Boston Harbor	1012	v. o.
Bonaparte's Gull	NT 1	00.20	M. T. make
9,23	Newburyport	20, 38	M. Lynch#
Ring-billed Gull			
2	Arlington	135	L. Taylor#
22, 24	Squantum, Lynn	250, 275	G. d'Entremont, J. Quigley
Iceland Gull			
2, 19	N. Truro, Chatham	1, 1	B. Nikula
9	Newburyport	1	M. Lynch#
Lesser Black-back			
1-8	Concord (Nine Acre Corner)	1	R. Forster $+ v. o.$
the second state of the se		1	N. I 013001 + V. O.
Black-legged Kitti		(0)	W Determent
16	Rockport	60	W. Petersen
Caspian Tern			The second second second second second
15	Carver	1	fide W. Petersen
25, 27	Scituate, Plymouth	1,1	R. Abrams, B. Howell
Common Tern			
27		Carl Marcall Mrs Prices	LCEC (I IEII) D Diadaat
	S. Dart, (Allens Pd), Marion	2,40 pr	LCES (J. HIII), B. BIODREL
	S. Dart. (Allens Pd), Marion	2, 40 pr	LCES (J. Hill), B. Blodget
Dovekie			
Dovekie 24	S. Dart. (Allens Pd), Marion Orleans	2, 40 pr 1 dead	E. Williams
Dovekie			

## OWLS THROUGH GNATCATCHERS

A Common Barn-Owl was found roosting in an abandoned building on Deer Island during the final Boston Harbor Census of the season. A late Snowy Owl was still present at Logan airport on April 16, and another was at Race Point in Provincetown on April 20. On April 22, a Long-eared Owl was found in Hellcat Swamp where it remained all day for everyone to see and admire. The first Whip-poor-wills were back at Myles Standish State Forest on April 27.

Swallows arrived on schedule, and Purple Martins were investigating their boxes at Plum Island by the end of the month. About 600 American Crows were counted at the Framingham-Natick roost on April 21,

down from the 3000+ counted there before the nesting season. Three Fish Crow nests were found at Mount Auburn Cemetery in Watertown, and Common Ravens were located at various spots in the Quabbin area.

Winter Wrens were well reported during the month. Ruby-crowned and Golden-crowned kinglets peaked on April 18, after a southeast wind. Large numbers were seen at Mount Auburn Cemetery and Marblehead Neck Wildlife Sanctuary. R.H.S.

HOCK WHATTO DA	nothary.			
DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Common Barn-O	wl			
2	Winthrop (Deer I.)	1	MAS/TASL	
Eastern Screech-C				
8,20-30	Arlington, Mt. A.	2,1	L. Taylor#, C. Jackso	n + v. o.
23-30	Brookline	1	B. Rielly#	
Great Horned Ow	1			
thr, 5	Ipswich, E. Middleboro	2,1	J. Berry, K. Andersor	1
8	Bridgewater, Middleboro	4,2	W. Petersen	
12, 15	Hanover, Quabbin (G41)	1, 1	R. Fox, M. Lynch#	
25	Braintree	1	G. d'Entremont	
Snowy Owl				
16,20	Boston (Logan), P'town	1,1	N. Smith, K. Jones#	
Barred Owl				
1,8	E. Middleboro	1,1	W. Petersen + v. o.	
15,30	Middleboro	1,1	D. Briggs	
6,15	Easton, Boxford	2,1	K. Ryan, J. Heywood	
Long-eared Owl				
22	P.I. (Hellcat)	1	W. Rasku + v. o.	
Short-eared Owl				
2,8	Winthrop, Middleboro	1, 1	MAS/TASL, W. Pete	rsen
9,26	Minot, N. Monomoy	1,1	J. Flaherty, B. Nikula	
Northern Saw-wh	et Owl			
2	Nantucket (Shimmo)	2	M. Litchfield	
Whip-poor-will				
27	Plymouth (Myles Standish)	2	G. d'Entremont#	
Chimney Swift				
26, 29; 26	IRWS; Watertown	1, 6; 1	R. Heil; K. Griffis	
27	Lawrence	1	V. Yurkunas	
28	Milton, Wellesley	2, 3	B. Abrams, R. Forster	r
Belted Kingfisher				
thr	Mt. A.	pr nesting	A. Bennett $+ v. o.$	
Reports of 1-3	individuals from many locations.			
Red-bellied Wood			and the second second	
29	Topsfield (B. Palmer)	1	BBC (J. Berry)	
Yellow-bellied Sa	psucker			
9, 10-22	Westminster, Quincy	1, 2	P. Westrom#, D. Brow	wn#
17, 18	Quabbin (G40), Mt. A.	1, 1	M. Lynch#, R. Styme	ist#
18	MNWS, Newbury	8, 1	R. Heil, D. Chickerin	
23, 25	S. Dartmouth, P.I.	1, 1	SSBC (K. Anderson),	, T. Aversa
29	E. Orleans, MNWS	1, 1	A. + E. Williams, R.	Heil
Downy Woodpeck	ker			
9	Braintree (Pond Meadow)	7	G. d'Entremont	
Hairy Woodpecke	r			
15	Boxford (State Forest)	4	R. Stymeist#	
Northern Flicker				
18	P.I.	40	J. Heywood#	
18, 22	Mt. A.	28,40	R. Stymeist, J. Clancy	Y
Pileated Woodpec				e ann an anns a'
thr	Milton, Westford	1, 2	T. + J. Cameron, S. +	D. Selesky
2, 21	Quabbin (G37), Petersham	1, 1	M. Lynch#	
9,15	IRWS, Boxford	2,2	J. Brown, R. Stymeist	
26, 29	Wayland, Topsfield	1,2	M. Hall, BBC (J. Ben	ry)
Eastern Phoebe				
1, 15, 17	Quabbin (G41)	12, 3, 9	M. Lynch#	
2; 15, 17	Quabbin (G37); (G40)	9; 6, 5	M. Lynch#	
8,9	Athol, P.I.	14, 11	E. Taylor, M. Lynch#	
14, 18; 14	Mt. A.; Needham	6, 7; 4	C. Jackson#; D. Case	
15, 27	Boxford, Westminster	16, 27	R. Stymeist#, J. Heyw	vood#
	f 1-6 individuals from many loca	tions.		
Eastern Kingbird				
29	MNWS	1	J. Smith	

**BIRD OBSERVER** 

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Horned Lark		02000020		
1,2	Quabbin (G37), Ipswich	34,9	M. Lynch#, J. Berry	
2; 2, 23	Bridgewater; Otis AFB	50; 6, 34	W. Petersen; P. Trimble	
Purple Martin	C Dort (Allong Dd)	1	LCES (J. Hill)	
19 23, 29	S. Dart. (Allens Pd) P.I.	3,6	D. Chickering + v. o.	
24	Ipswich	2	R. Forster	
28, 29	IRWS, Hanson	1,4	R. Heil, W. Petersen	
Tree Swallow				
1, 5, 10	Wayland (Heards Pd)	30, 70, 300	R. Forster	
1; 2, 22	Westboro; P.I.	100; 4, 100+ 29, 70+	E. Taylor; D. Chickering M. Lynch#	g + v. o.
2, 7 5, 23; 8	Quabbin (G37), (G41) Ipswich; GMNWR	1, 200+; 125+	J. Berry: R. Stymeist#	
9,15	S. Hanson, Carver	250+, 60+	W. Petersen, D. Briggs#	
22, 28	Lynnfield, IRWS	450+, 270+	R. Stymeist#, R. Heil	
8-30	Reports from a wide area.			
N. Rough-winged	Swallow	0.1	W Dataman B Thouar	
9,10	S. Hanson, Hull Stopsham: Lynnfield	2, 1 2; 2, 8	W. Petersen, P. Thayer T. Aversa; R. Stymeist#	
15; 15, 22 21, 22	Stoneham; Lynnfield Old Furnace, Mt. A.	2, 2, 8	M. Lynch#, R. Peterson	
23, 30; 23	Ipswich; Waltham	4, 4; 2	J. Berry; R. Stymeist#	
29	Whitman, Woburn	1, 2	W. Petersen#, M. Hall	
Bank Swallow				
19,21	Wayland, New Braintree	3,2	R. Forster, M. Lynch#	
28, 29 Cliff Swallow	IRWS, P.I.	15, 2	R. Heil, H. Wiggin#	
7, 19	Wayland, Wayland (Heards Pd)	1.1	R. Forster	
22,28	W. Newbury, IRWS	1, 1	G. Gove#, R. Heil	
Barn Swallow				
9	W. Newbury, Westminster	1,1	R. Forster, R. Stymeist	
9,17	Concord, P.I.	1,1	R. Stymeist, R. Heil	
18; 19, 23 22, 28	Hyannis; Wayland Lynnfield, IRWS	2; 4, 30 22, 23	P. Trimble; R. Forster R. Stymeist#, R. Heil	
20-30	Reports of 1-4 individuals from		R. Stymoiste, R. Hon	
American Crow	hopono or r - mar napalo rom			
21	Framingham-Natick	600 (roost)	E. Taylor	
Fish Crow		<	10) D C	
thr	Mt. A.		30) R. Stymeist + v. o.	
1, 2, 12 9	W. Newton Waltham	1, 1, 1 2	T. Kuklinski R. Stymeist	
11-30, 17	Hanson, Middleboro	2, 1	W. Petersen, D. Briggs	
27	Boston (Franklin Park)	2	T. Aversa	
Common Raven				
1,15	Quabbin (G41), (G40)	2,2	M. Lynch#	
15, 21 Disek conned Chi	Barre, Petersham	1, 1	M. Lynch#	
Black-capped Chie thr	Quabbin (G41)	54 max 4/1	M. Lynch#	
2	Quabbin (G37)	39	M. Lynch#	
21	Petersham	32	M. Lynch#	
Red-breasted Nuth	hatch			
thr	Quabbin (G41)	12 max 4/1	M. Lynch#	
2	Quabbin (G37)	6	M. Lynch#	mont
2,8 17,21	IRWS, Boxford Quabbin (G40), Petersham	2, 1 6, 3	H. Wiggin#, G. d'Entre M. Lynch#	mont
White-breasted Nu			WI. Lyncin	
1,2	Quabbin (G41), (G37)	5,7	M. Lynch#	
Brown Creeper				0.000
thr	Boxford, Quabbin (G41)	4-6, 2-6	R. Stymeist + v. o., M.	Lynch#
Carolina Wren	Inquich E Orleans	1.1	I Dorne E Williams	
thr 2	Ipswich, E. Orleans Randolph	1, 1 1	J. Berry, E. Williams G. d'Entremont	
6, 14	Easton	1,2	K. Ryan	
12-30	Needham	1	D. Case	
19	S. Dart., Westport	15,8	R. Stymeist, J. Heywoo	d
30	Brookline	3	BBC (R. Stymeist)	
House Wren	Prookling	1	PPC (P Sturnalist)	
30 Winter Wren	Brookline	1	BBC (R. Stymeist)	
thr	Boxford (C.P.)	3 singing m	v. o.	
2,17	Quabbin (G37), (G40)	2,2	M. Lynch#	
			2.442 (Art 1)	

DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Winter Wren (co	ontinued)			
	Princeton (Wachusett Mt.)	1	J. Gordon#	
8	Milton	1 or 2	G. d'Entremont	
2 8 9	N. Scituate, Braintree	1,1	G. d'Entremont	
10, 17	Quincy, Westminster	1, 1	D. Morimoto, R. St	vmeist#
17, 18	Hamilton, MNWS	2,4	R. Heil	
20, 22	Sudbury, Petersham	1,3	R. Forster, M. Lync	h#
22	Melrose	1	C. Jackson	
23	Milton, P.I.	1, 1	R. Stymeist#, D. Ch	nickering
28, 29	Weston, P'town	1, 1	D. Morimoto, B. Ni	
Golden-crowned		-, -		0.5.05
1, 7, 15	Quabbin (G41)	5, 1, 4	M. Lynch#	
5; 9, 22	Ipswich; P.I.	5; 30, 2	J. Berry; M. Lynch#	ŧ
14, 18	Mt. A.	25,35	C. Jackson, R. Stym	
17, 18	Hamilton, MNWS	15,80	R. Heil	
Ruby-crowned K				
2	Concord, IRWS	1,2	R. Forster, L. Taylo	r#
5,8	Bridgewater, Melrose	1,1	K. Holmes, C. Jacks	
9-30	P.I.	28 max 4/29	D. Chickering + v. o	
9-30	Mt. A.	65+ max 4/18	R. Stymeist + v. o.	5762
18,21	MNWS, Petersham	50, 36	R. Heil, M. Lynch#	
22, 28, 29	Provincetown	8, 15, 60	B. Nikula	
25,28	Milton, IRWS	35,22	R. Stymeist#, R. He	eil
Blue-gray Gnatc				
9,12	Braintree, Needham	1,1	G. d'Entremont, D.	Case
14,26	Mt. A., IRWS	1, 4	C. Jackson, R. Heil	
28, 29; 29	P'town; Waltham	1, 2+; 1	B. Nikula#; L. Tayl	
30	Milton, Brookline	1, 1	P. O'Neill, R. Stym	

### THRUSHES THROUGH WARBLERS

Bluebirds were well reported; over 60 individuals were seen across eastern Massachusetts, compared with 25 birds in April 1988. These sightings follow good numbers noted in March 1989 and give us hope for a successful breeding year in the state. On April 18, over 70 Hermit Thrushes were tallied at Marblehead Neck Wildlife Sanctuary—23 individuals were in view at one time. A well-described Loggerhead Shrike was reported from Athol on April 6.

Very discouraging was the observation of a European Starling evicting a Northern Flicker from a tree hole at Quabbin. Most starlings at Quabbin are seen flying over, and nesting there has been rare.

Early spring migrants included a White-eyed Vireo and a Black-and-white Warbler after a southwest wind on April 8 and a Northern Parula, a Northern Waterthrush, and a Hooded Warbler after a southeast wind on April 18. A total of eleven species of warblers was reported this April, two less than in April 1988, but more than the seven seen in April 1987. R.H.S.

Eastern	B	luel	bird	

thr	Westminster (High Ridge)	14 max 4/17	R. Stymeist# + v. o.
thr	E. Middleboro, Quabbin (G41)		K. Anderson, M. Lynch#
1,3	Peabody, Saugus	2,2	R. Heil, F. Duffy
7, 8; 8	Easton, Raynham; Athol	1, 2; 8	K. Ryan; M. Lynch#
9,10	Topsfield, Acton	1, 2, 8	J. Brown, S. Whitcomb
			R. Forster, E. Taylor
12, 15	Sudbury, Milton	1,1	
16, 17	Waltham, Quabbin (G40)	2,8	R. Stymeist#, M. Lynch#
18,20	Rutland, Danvers	1, 1	B. Sorrie, J. Brown
20,23	Mansfield, Falmouth	1, 2	K. Ryan, P. Trimble
27,28	Braintree, IRWS	2,2	M. Brown, R. Heil
Hermit Thrush			
2,9	E. Middleboro, W. Newbury	1,1	K. Anderson#, R. Forster
12, 15	Eastham, Boxford	2,5	T. Aversa, R. Stymeist#
15, 17	Quabbin (G40), (G41)	5,5	M. Lynch#
18	Mt. A., MNWS	9,70	A. Bennett#, R. Heil
22	Wachusett Reservoir	5	S. Selesky
23	Falmouth; Milton, Waltham	3; 9, 7	P. Trimble; R. Stymeist#
18-30	Reports of 1 or 2 individuals fro	om many areas.	15.2
American Robin		70	
1	Hardwick-New Braintree	800+	M. Lynch#
2,23	Otis AFB	95, 120	P. Trimble
8, 16	Athol, P.I.	70+, 56	M. Lynch#, S. Moore

$\begin{array}{ccccc} 28 & \text{IF}\\ \text{Brown Thrasher} & 18, 19 & \text{M}\\ 26, 29 & \text{W}\\ \text{Water Pipit} & 4, 28 & \text{H}\\ \text{Cedar Waxwing} & 8-9 & \text{Ir}\\ \text{Loggerhead Shrike} & 6 & \text{A}\\ \text{European Starling} & 15 & \text{Q}\\ \text{White-eyed Vireo} & 9 & \text{A}\\ \text{Solitary Vireo} & 19, 21 & \text{Q}\\ 22 & \text{M}\\ 29, 30 & \text{P}\\ \text{Northern Parula} & 19 & \text{M}\\ \text{Yellow Warbler} & 28 & \text{S}\\ \text{Yellow-rumped Warbler} & 19, 29, 15 & \text{P}\\ 18, 26 & \text{W}\\ 14, 15 & \text{N}\\ 19 & \text{F}\\ 23 & \text{Fa}\\ 10 & \text{S}\\ 14, 15 & \text{N}\\ 19 & \text{F}\\ 23 & \text{Fa}\\ 10 & \text{S}\\ 14, 15 & \text{N}\\ 19 & \text{F}\\ 23 & \text{Fa}\\ 10 & \text{S}\\ 14, 15 & \text{N}\\ 19 & \text{F}\\ 23 & \text{Fa}\\ 10 & \text{S}\\ 14, 15 & \text{N}\\ 18 & \text{S}\\ 14, 18 & \text{S}\\ 14, 18 & \text{S}\\ 14, 18 & \text{S}\\ 15 & \text{S}\\ 14, 18 & \text{S}$	. Dartmouth RWS, Wayland INWS, S. Dartmouth /altham, P.I. lalifax, Topsfield oswich thol uabbin (G40) ccoaxet uabbin (G40), Petersham It. A., Boxford 'town, Brookline It. A. . Dartmouth er oswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro 'town; Quabbin (G40)	2 2, 1 2, 1 2, 1 1, 1 25-30 1 1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1 20, 50, 1	R. Stymeist# R. Heil, R. Forster R. Heil, R. Stymeist# L. Taylor, D. Chickering R. Forster#, T. Aversa J. Berry# S. Price + v. o. M. Lynch# H. D'Entremont T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill D. Rimmer
19S28IFBrown Thrasher18, 1918, 19M26, 29WWater Pipit4, 284, 28HCedar Waxwing8-9IFLoggerhead Shrike6AEuropean Starling1515QWhite-eyed Vireo19, 21Q22M29, 30PNorthern Parula1919MYellow Warbler2828SYellow-rumped WarblthrthrIF2M18, 26W18-30RBlack-throated Green28, 29Fine Warblerthr, 228, 29IFPine Warblerthr, 240Ss14, 15N19Fr23Fa	RWS, Wayland INWS, S. Dartmouth Valtham, P.I. Ialifax, Topsfield oswich thol uabbin (G40) coaxet uabbin (G40), Petersham It. A., Boxford 'town, Brookline It. A. Dartmouth er pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro	2, 1 2, 1 2, 1 1, 1 25-30 1 1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1	<ul> <li>R. Heil, R. Forster</li> <li>R. Heil, R. Stymeist#</li> <li>L. Taylor, D. Chickering</li> <li>R. Forster#, T. Aversa</li> <li>J. Berry#</li> <li>S. Price + v. o.</li> <li>M. Lynch#</li> <li>H. D'Entremont</li> <li>T. Aversa, M. Lynch#</li> <li>J. Sisson, J. Berry#</li> <li>B. Nikula, BBC (R. Stymeist)</li> <li>C. Jackson</li> <li>J. Hill</li> </ul>
Brown Thrasher 18, 19 M 26, 29 W Water Pipit 4, 28 H Cedar Waxwing 8-9 IF Loggerhead Shrike 6 A European Starling 15 Q White-eyed Vireo 9 A Solitary Vireo 19, 21 Q 22 M 29, 30 P Northern Parula 19 M Yellow Warbler 28 S. Yellow-rumped Warbl thr IF 2 M 9, 29; 15 P 18 M 18, 26 W 18-30 R Black-throated Green 28, 29 IF Pine Warbler thr, 2 E 7 P 7, 8 L 10 Sz 14, 15 N 19 F 23 Fa	INWS, S. Dartmouth Valtham, P.I. Ialifax, Topsfield oswich thol uabbin (G40) coaxet uabbin (G40), Petersham It. A., Boxford 'town, Brookline It. A. Dartmouth er pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro	2, 1 2, 1 1, 1 25-30 1 1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1	<ul> <li>R. Heil, R. Stymeist#</li> <li>L. Taylor, D. Chickering</li> <li>R. Forster#, T. Aversa</li> <li>J. Berry#</li> <li>S. Price + v. o.</li> <li>M. Lynch#</li> <li>H. D'Entremont</li> <li>T. Aversa, M. Lynch#</li> <li>J. Sisson, J. Berry#</li> <li>B. Nikula, BBC (R. Stymeist)</li> <li>C. Jackson</li> <li>J. Hill</li> </ul>
18, 19M $26, 29$ WWater Pipit $4, 28$ $4, 28$ HCedar Waxwing $8-9$ $8-9$ IrLoggerhead Shrike6AEuropean Starling $15$ QWhite-eyed Vireo9 $19, 21$ Q $22$ M $29, 30$ PNorthern Parula19 $19$ MYellow Warbler28 $28$ SYellow-rumped WarblthrthrIr $2, 29$ IF18M18, 26WBlack-throated Green28, 29IFPine Warblerthr, 2E7Pe7, 8L10S14, 15N19F23Fa	Valtham, P.I. (alifax, Topsfield bswich thol puabbin (G40) coaxet puabbin (G40), Petersham ft. A., Boxford 'town, Brookline ft. A. . Dartmouth fer pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) tt. A., Middleboro	2, 1 1, 1 25-30 1 1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1	L. Taylor, D. Chickering R. Forster#, T. Aversa J. Berry# S. Price + v. o. M. Lynch# H. D'Entremont T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
$\begin{array}{cccc} 26, 29 & W \\ Water Pipit & \\ 4, 28 & H \\ Cedar Waxwing & \\ 8-9 & Ir \\ Loggerhead Shrike & \\ 6 & A \\ European Starling & \\ 15 & Q \\ White-eyed Vireo & \\ 9 & A \\ Solitary Vireo & \\ 19, 21 & Q \\ 22 & M \\ 22, 30 & P \\ Northern Parula & \\ 19 & M \\ Yellow Warbler & \\ 28, 30 & P \\ Northern Parula & \\ 19 & M \\ Yellow Warbler & \\ 28 & S \\ Yellow-rumped Warbl \\ thr & Ir \\ 2 & M \\ 9, 29; 15 & P \\ 18 & M \\ 18, 26 & W \\ 18-30 & R \\ Black-throated Green & \\ 28, 29 & IF \\ Pine Warbler & \\ thr, 2 & E \\ 7 & P \\ 7, 8 & L \\ 10 & Sr \\ 14, 15 & N \\ 19 & Fr \\ 23 & Fa \end{array}$	Valtham, P.I. (alifax, Topsfield bswich thol puabbin (G40) coaxet puabbin (G40), Petersham ft. A., Boxford 'town, Brookline ft. A. . Dartmouth fer pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) tt. A., Middleboro	2, 1 1, 1 25-30 1 1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1	L. Taylor, D. Chickering R. Forster#, T. Aversa J. Berry# S. Price + v. o. M. Lynch# H. D'Entremont T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
Water Pipit4, 28HCedar Waxwing $8-9$ IpLoggerhead Shrike66AEuropean Starling1515QWhite-eyed Vireo99ASolitary Vireo19, 2119, 21Q22M29, 30PNorthern Parula1919MYellow Warbler2828S.Yellow-rumped WarblerthrIp2M9, 29; 15P18M18, 26W18-30RBlack-throated Green28, 29Pine Warblerthr, 228, 29IFPine Warblerthr, 241, 15N10Sa14, 15N19F23Fa	lalifax, Topsfield oswich thol uabbin (G40) coaxet uabbin (G40), Petersham It. A., Boxford 'town, Brookline It. A. Dartmouth er oswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro	1, 1 25-30 1 1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1	<ul> <li>R. Forster#, T. Aversa</li> <li>J. Berry#</li> <li>S. Price + v. o.</li> <li>M. Lynch#</li> <li>H. D'Entremont</li> <li>T. Aversa, M. Lynch#</li> <li>J. Sisson, J. Berry#</li> <li>B. Nikula, BBC (R. Stymeist)</li> <li>C. Jackson</li> <li>J. Hill</li> </ul>
4, 28 H Cedar Waxwing 8-9 Ir Loggerhead Shrike 6 A European Starling 15 Q White-eyed Vireo 9 A Solitary Vireo 19, 21 Q 22 M 29, 30 P Northern Parula 19 Northern Parula 19 Yellow Warbler 28 S. Yellow-rumped Warbler thr 2 M 9, 29; 15 P 18 M 18, 26 W 18-30 R Black-throated Green 28, 29 IF Pine Warbler thr, 2 E 7 Property of the second s	pswich thol uabbin (G40) coaxet uabbin (G40), Petersham ft. A., Boxford 'town, Brookline ft. A. Dartmouth fer pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) ft. A., Middleboro	25-30 1 1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1	J. Berry# S. Price + v. o. M. Lynch# H. D'Entremont T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
$\begin{array}{c} \text{Cedar Waxwing}\\ 8-9 & \text{Ir}\\ \text{Loggerhead Shrike}\\ 6 & \text{A}\\ \text{European Starling}\\ 15 & \text{Q}\\ \text{White-eyed Vireo}\\ 9 & \text{A}\\ \text{Solitary Vireo}\\ 19, 21 & \text{Q}\\ 22 & \text{M}\\ 29, 30 & \text{P}\\ \text{Northern Parula}\\ 19 & \text{M}\\ 29, 30 & \text{P}\\ \text{Northern Parula}\\ 19 & \text{M}\\ \text{Yellow Warbler}\\ 28 & \text{S}\\ \text{Yellow Warbler}\\ 28 & \text{S}\\ \text{Yellow-rumped Warbl}\\ \text{thr} & \text{Ir}\\ 2 & \text{M}\\ 9, 29; 15 & \text{P}\\ 18 & \text{M}\\ 18, 26 & \text{W}\\ 18-30 & \text{R}\\ 18-30 & R$	pswich thol uabbin (G40) coaxet uabbin (G40), Petersham ft. A., Boxford 'town, Brookline ft. A. Dartmouth fer pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) ft. A., Middleboro	25-30 1 1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1	J. Berry# S. Price + v. o. M. Lynch# H. D'Entremont T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
$\begin{array}{cccc} 8-9 & \mbox{Ir}\\ \mbox{Loggerhead Shrike} & \mbox{A}\\ \mbox{European Starling} & \mbox{15} & \mbox{Q}\\ \mbox{White-eyed Vireo} & \mbox{9} & \mbox{A}\\ \mbox{Solitary Vireo} & \mbox{19, 21} & \mbox{Q}\\ \mbox{29, 30} & \mbox{Pi}\\ \mbox{Northern Parula} & \mbox{19, 21} & \mbox{Q}\\ \mbox{29, 30} & \mbox{Pi}\\ \mbox{Northern Parula} & \mbox{19} & \mbox{Millow Warbler} \\ \mbox{29, 30} & \mbox{Pi}\\ \mbox{Northern Parula} & \mbox{19, 21} & \mbox{Q}\\ \mbox{Yellow Warbler} & \mbox{millow Warbler} \\ \mbox{28, 29, 15} & \mbox{Pi}\\ \mbox{18, 26} & \mbox{W}\\ \mbox{18-30} & \mbox{R} & \mbox{Millow Harber} \\ \mbox{28, 29} & \mbox{IF}\\ \mbox{Pine Warbler} & \mbox{thr, 2} & \mbox{E}\\ \mbox{Thr, 2} & \mbox{E}\\ \mbox{7, 8} & \mbox{L}\\ \mbox{10} & \mbox{Si}\\ \mbox{14, 15} & \mbox{N}\\ \mbox{19, 50} & \mbox{Fi}\\ \mbox{23, 57} & \mbox{Fi}\\ \mbox{24, 57} & \mbox{Fi}\\ \mbox{25, 57} & \mbox{Fi}\\ \mbox{25, 57} & \mbox{Fi}\\ \mbox{26, 57} & \mbox{Fi}\\ \mbox{26, 57} & \mbox{Fi}\\ \mbox{27, 57} & \mbox{27, 57} & \mbox{Fi}\\ \$	thol guabbin (G40) coaxet guabbin (G40), Petersham ft. A., Boxford 'town, Brookline ft. A. . Dartmouth fer sswich (Crane Beach) fiddleboro 'town; Quabbin (G40) ft. A., Middleboro	1 1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1	S. Price + v. o. M. Lynch# H. D'Entremont T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
Loggerhead Shrike 6 A European Starling 15 Q White-eyed Vireo 9 A Solitary Vireo 19, 21 Q 22 M 29, 30 P Northern Parula 19 M Yellow Warbler 28 S. Yellow-rumped Warblet thr Irp 2 M 9, 29; 15 P 18 M 18, 26 W 18, 26 W 18, 20 R Black-throated Green 28, 29 IF Pine Warbler thr, 2 E 7 Per 7, 8 L 10 Sa 14, 15 N	thol guabbin (G40) coaxet guabbin (G40), Petersham ft. A., Boxford 'town, Brookline ft. A. . Dartmouth fer sswich (Crane Beach) fiddleboro 'town; Quabbin (G40) ft. A., Middleboro	1 1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1	S. Price + v. o. M. Lynch# H. D'Entremont T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
$\begin{array}{cccc} 6 & A \\ European Starling \\ 15 & Q \\ White-eyed Vireo \\ 9 & A \\ Solitary Vireo \\ 19, 21 & Q \\ 22 & M \\ 29, 30 & P \\ Northern Parula \\ 19 & M \\ Yellow Warbler \\ 28 & S \\ Yellow-rumped Warbler \\ thr & Ir \\ 2 & M \\ 9, 29; 15 & P \\ 18 & M \\ 18, 26 & W \\ 18-30 & R \\ Black-throated Green \\ 28, 29 & IF \\ Pine Warbler \\ thr, 2 & E \\ 7 & P \\ 7, 8 & L \\ 10 & S \\ 14, 15 & N \\ 19 & F \\ 23 & Fa \\ \end{array}$	uabbin (G40) coaxet uabbin (G40), Petersham ft. A., Boxford 'town, Brookline ft. A. Dartmouth er pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) ft. A., Middleboro	1 at nest hole 1 2, 3 1, 2 3, 9 1 1 3-14 1	M. Lynch# H. D'Entremont T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
$\begin{array}{cccc} 15 & Q \\ \text{White-eyed Vireo} \\ 9 & A \\ \text{Solitary Vireo} \\ 19, 21 & Q \\ 22 & M \\ 29, 30 & P \\ \text{Northern Parula} \\ 19 & M \\ \text{Yellow Warbler} \\ 28 & S \\ \text{Yellow Warbler} \\ 28 & S \\ \text{Yellow-rumped Warbl} \\ \text{thr} & Ip \\ 2 & M \\ 9, 29; 15 & P \\ 18 & M \\ 18, 26 & W \\ 18-30 & R \\ 14-30 & R \\ 18-30 & R \\ 18-30$	coaxet puabbin (G40), Petersham It. A., Boxford 'town, Brookline It. A. . Dartmouth er pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro	1 2, 3 1, 2 3, 9 1 1 3-14 1	H. D'Entremont T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
White-eyed Vireo9ASolitary Vireo19, 21Q29, 30PNorthern ParulaP19MYellow Warbler2828S.Yellow-rumped WarblethrIp2M9, 29; 15P18M18, 26W18, 26W18, 26W18, 26W18, 20RBlack-throated Green28, 29Pine Warblerthr, 2thr, 2E7Per7, 8L10Sa14, 15N19F23Fa	coaxet puabbin (G40), Petersham It. A., Boxford 'town, Brookline It. A. . Dartmouth er pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro	1 2, 3 1, 2 3, 9 1 1 3-14 1	H. D'Entremont T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
$\begin{array}{ccccc} 9 & A \\ Solitary Vireo \\ 19, 21 & Q \\ 22 & M \\ 29, 30 & P \\ Northern Parula \\ 19 & M \\ Yellow Warbler \\ 28 & S \\ Yellow-rumped Warbler \\ thr & Ir \\ 2 & M \\ 9, 29; 15 & P \\ 18 & M \\ 18, 26 & W \\ 18-30 & R \\ Black-throated Green \\ 28, 29 & IF \\ Pine Warbler \\ thr, 2 & E \\ 7 & P \\ 7, 8 & L \\ 10 & S \\ 14, 15 & N \\ 19 & F \\ 23 & Fa \\ \end{array}$	uabbin (G40), Petersham It. A., Boxford 'town, Brookline It. A. Dartmouth er pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro	2, 3 1, 2 3, 9 1 1 3-14 1	T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
Solitary Vireo 19, 21 Q 22 M 29, 30 P Northern Parula 19 M Yellow Warbler 28 S Yellow-rumped Warbl thr Ip 2 M 9, 29; 15 P 18 M 18, 26 W 18-30 R Black-throated Green 28, 29 IF Pine Warbler thr, 2 E 7 Per 7, 8 L 10 Sa 14, 15 N 19 Fr 23 Fa	uabbin (G40), Petersham It. A., Boxford 'town, Brookline It. A. Dartmouth er pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro	2, 3 1, 2 3, 9 1 1 3-14 1	T. Aversa, M. Lynch# J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
$\begin{array}{ccccccc} 19,21 & Q\\ 22 & M\\ 29,30 & M\\ 29,30 & M\\ 29,30 & M\\ 20,30 & M\\ 19 & M\\ 19 & M\\ 19 & M\\ 28 & S.\\ Yellow Warbler\\ 28 & S.\\ Yellow-rumped Warblet\\ thr & Ip\\ 2 & M\\ 9,29;15 & M\\ 9,29;15 & M\\ 9,29;15 & M\\ 18,26 & W\\ 18,26 & W\\ 18,30 & R\\ 14,15 & N\\ 19 & Fr\\ 23 & Fa\\ 23 & Fa\\ 10 & Sr\\ 14,15 & N\\ 19 & Fr\\ 23 & Fa\\ 10 & Sr\\ 14,15 & N\\ 19 & Fr\\ 23 & Fa\\ 10 & Sr\\ 14,15 & N\\ 14,15 & N\\$	It. A., Boxford 'town, Brookline It. A. . Dartmouth er pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro	1, 2 3, 9 1 1 3-14 1	J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
$\begin{array}{ccccccc} 22 & M\\ 29, 30 & P\\ Northern Parula\\ 19 & M\\ Yellow Warbler\\ 28 & S\\ Yellow-rumped Warbl\\ thr & Irp\\ 2 & M\\ 9, 29; 15 & P\\ 18 & M\\ 18, 26 & W\\ 18, 30 & R\\ Black-throated Green \\ 28, 29 & IF\\ Pine Warbler\\ thr, 2 & E\\ 7 & Pe\\ 7, 8 & L\\ 10 & Si\\ 14, 15 & N\\ 19 & Fi\\ 23 & Fa\\ \end{array}$	It. A., Boxford 'town, Brookline It. A. . Dartmouth er pswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro	1, 2 3, 9 1 1 3-14 1	J. Sisson, J. Berry# B. Nikula, BBC (R. Stymeist) C. Jackson J. Hill
$\begin{array}{cccc} 29,30 & P\\ Northern Parula & \\ 19 & M\\ Yellow Warbler & \\ 28 & S.\\ Yellow-rumped Warbl & \\ thr & Irp & \\ 2 & M\\ 9,29;15 & P\\ 18 & M\\ 18,26 & W\\ 18-30 & R\\ Black-throated Green & \\ 28,29 & IF\\ Pine Warbler & \\ thr,2 & E\\ 7 & Per & \\ 7,8 & L\\ 10 & Sa & \\ 14,15 & N\\ 19 & Fr & \\ 23 & Fa & \\ \end{array}$	'town, Brookline It. A. . Dartmouth er sswich (Crane Beach) fiddleboro 'town; Quabbin (G40) It. A., Middleboro	3,9 1 1 3-14 1	<ul><li>B. Nikula, BBC (R. Stymeist)</li><li>C. Jackson</li><li>J. Hill</li></ul>
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	ft. A. Dartmouth er sswich (Crane Beach) fiddleboro 'town; Quabbin (G40) ft. A., Middleboro	1 1 3-14 1	C. Jackson J. Hill
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	. Dartmouth er biddeboro 'town; Quabbin (G40) 11. A., Middleboro	1 3-14 1	J. Hill
Yellow Warbler 28 S. Yellow-rumped Warbl thr Ip 2 M 9, 29; 15 P 18 M 18, 26 W 18-30 R Black-throated Green 228, 29 IF Pine Warbler thr, 2 E 7 Pe 7, 8 L 10 Sa 14, 15 N 19 Fa 23 Fa	. Dartmouth er biddeboro 'town; Quabbin (G40) 11. A., Middleboro	1 3-14 1	J. Hill
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	er sswich (Crane Beach) fiddleboro 'town; Quabbin (G40) ft. A., Middleboro	3-14 1	
	oswich (Crane Beach) fiddleboro 'town; Quabbin (G40) ft. A., Middleboro	1	D. Rimmer
2 M 9, 29; 15 P 18 M 18, 26 W 18-30 R Black-throated Green 228, 29 IF Pine Warbler thr, 2 E 7 P 7, 8 L 10 Sa 14, 15 N 19 F 23 Fa	fiddleboro 'town; Quabbin (G40) ft. A., Middleboro	1	D. Rimmer
9, 29; 15 P 18 M 18, 26 W 18-30 R Black-throated Green 2 28, 29 IF Pine Warbler thr, 2 E 7 Pe 7, 8 L 10 Si 14, 15 N 19 Fi 23 Fa	'town; Quabbin (G40) It. A., Middleboro		
18         M           18, 26         W           18, 30         R           Black-throated Green         28, 29           Pine Warbler         Thr, 2           thr, 2         E           7         Per           7, 8         L           10         Sa           14, 15         N           19         Fa           23         Fa	It. A., Middleboro		SSBC (W. Petersen)
18,26         W           18-30         R           Black-throated Green         28,29           Pine Warbler         thr,2           thr,2         E           7         Pe           7,8         L           10         S:           14,15         N           19         Fr           23         Fr		30, 50; 1	B. Nikula; M. Lynch#
18-30         R           Black-throated Green         28, 29         IF           Pine Warbler         If         7         Particular           thr, 2         E         7         Particular         Particular           7, 8         L         10         Sa		5,4	R. Stymeist, K. Holmes
Black-throated Green         28,29         IF           Pine Warbler         IF         IF           thr, 2         E         7         Point           7,8         L         10         Sa           14, 15         N         19         Fa           23         Fa         Fa         Fa		12, 80	R. Forster
28, 29         IF           Pine Warbler         thr, 2         E           thr, 2         E         7           7         Pe         7           7, 8         L         10           10         Si         14, 15           19         Fi         23	eports from a wide area.		
Pine Warbler           thr, 2         E           7         Pq           7, 8         L           10         Si           14, 15         N           19         Fi           23         Fi	RWS, Boxford	1, 1	R. Heil, K. Griffis#
thr, 2         E           7         Pe           7, 8         L           10         Sa           14, 15         N           19         Fa           23         Fa	CIIS, DOMOID	1, 1	R. Hen, R. Ollins#
7 Pe 7,8 L 10 Sa 14,15 N 19 Fe 23 Fa	. Middleboro, Falmouth	2 or 3, 2	K. Anderson, P. Trimble
7,8 L 10 Sa 14,15 N 19 Fa 23 Fa	embroke, Framingham	4,1	W. Thomas, R. Forster
10 Sa 14, 15 N 19 Fa 23 Fa	incoln, Easton	1,3	L. Balcanoff, K. Ryan
19 Fa 23 Fa	andwich, Ipswich	4,1	K. Anderson, D. Rimmer
23 Fa	. Middleboro, Boxford	3,2	K. Holmes, J. Heywood#
	all River (Watuppa)	27	R. Stymeist#
15-30 R	almouth (Crane Wildlife Mgn		P. Trimble
	eports of 1-5 individuals from	a wide area.	
Palm Warbler	Jastmington Quahhin (C40)	2.1.2	D. Stumpist# M. Lungh#
9; 15, 17 W 18 M	/estminster; Quabbin (G40) It. A., IRWS, S. Boston	2; 1, 3 1, 23, 4	R. Stymeist#; M. Lynch# A. Bennett, T. Aversa, M. Hall
	etersham, Boxford	10,9	M. Lynch#, J. Berry#
	/ayland, P'town	23, 15	R. Walton, B. Nikula#
	lany other reports of 1 or 2 in		R. Waton, D. Pakutan
Black-and-white Warb			
	I., Easton	1,2	J. Hepburn#, K. Ryan
	ayland, Wellesley	1, 1	R. Forster
	altham, IRWS	2,3	L. Taylor, R. Heil
	oston, Middleboro	2, 1	T. Aversa, W. Petersen
Northern Waterthrush			
19, 28 Fa	all River, IRWS	1, 1	R. Stymeist#, R. Heil
	oburn, Mt. A.	1, 1	R. Stymeist#, M. Hall
	rookline (Halls Pd)	2	R. Stymeist#
Louisiana Waterthrush		2+	N O
	oxford (C.P.) uincy, Quabbin (G41)	1,1	v. o. G. d'Entremont, M. Lynch#
	INWS, Petersham	2, 1	R. Heil, M. Lynch#
Common Yellowthroat		-, 1	at alon, in Dynom
		1, 1	C. Jackson, W. Petersen
Hooded Warbler	augus, Middleboro		an ann a thainn an 1999 ann a thair ann an thairte an thairt an 1997 ann an 1997 ann an 1997 ann an 1997 ann an
22-25 M		1 f	v. o.

### **BUNTINGS THROUGH FINCHES**

Interesting spring feeder birds included a male Indigo Bunting in Manchester and a Northern Oriole in Wenham. Unusual for spring was a report of a male Lark Bunting in Orleans. American Tree Sparrows lingered through April 24, and Fox Sparrows were found in seven locations.

Purple Finches returned after their absence this past winter and were noted at fourteen locations. Only one Pine Siskin was reported. Evening Grosbeaks were seen at several locations in Worcester County. R.H.S.

Indigo Bunting 9-10ManchesterI mMrs. Cutler28-30Orkans1 mL. Brown, E. J. FiskRufous-sided Towhee1L. Brown, E. J. Fisk11, 18Samson, Middleboro10, 8J. Heywood#, R. Stymeist#,29, 20Katham, Quincy3, 3R. Stymeist#, G. d'Entremont29, 20Katham, Quincy1, 3R. Forster, G. d'Entremont#29, 20Katham, Quincy1, 3R. Forster, G. d'Entremont#29, 20Newton, Wellesley6, 1O. Kornar, R. Forster21, 24Quincy, Lexington1, 1G. d'Entremont, C. Floyd21, 29Brookline, Westminster1, 3H. Wiggin, R. Stymeist#21, 20Old Furnace, Westminster1, 3M. Lynch#, D. Morinoto7, 8Totanon (F.M.), Brookline1, 1T. Aversa, H. Wiggin#21, 20Newton; Bolton Flats1, 13: 8, 34G. d'Entremont, A. Benneut7, 8Ouis AFB1, 1T. Aversa, H. Wiggin#21, 20Newton; Bolton Flats1, 13: 8, 34G. d'Entremont, A. Benneut7, 18, 20Oubbin (G41), (G37)6, 1M. Lynch#7, 18, 20Middleboro, Mt. A.5, 51S. Perkins, T. Aversa7, 18, 20Morke; Mt. A.1, 1W. Lynch#8, 20GMNWR, Bolton Flats1, 5, 50+E. Taylor, B. Nikula9Piswich (Crane Beach)5, 4S. Perkins, T. Aversa1, 11Quabbin (G41)27, 22, 12M. Lynch#9Midlon, P'town15, 50+E. Taylor,	DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Lark Bunting 28-30OrleansI mL. Brown, E. J. FiskRufous-sided Towhee1W. Petersen, D. Briggs J. Heywood#, R. Stymeist#17, 18S. Hanson, Middleboro1, 123, 27Waltham, Quincy3, 323, 27Waltham, Quincy3, 324, 20Topsfield, Westminster1, 41Topsfield, Westminster1, 41Newton, Wellesley6, 121, 24Quincy, Lexington21, 24Quincy, Lexington21, 22Old Furnace, Weston7, 8Holden, Athol11, 13Canton (F.M.), Brookline11, 13Canton (F.M.), Brookline11, 13Canton (F.M.), Brookline12, 22Newton; Bolton Flats13, 13Canton (F.M.), Brookline14, 17Westminster (2 locations)15, 12, 22Newton; Bolton Flats16, 17Westminster (2 locations)17, 12Quabbin (G41), (G37)18, 22Pembroke; ML A.19, 22, 24Middleboro, Mt A.25, 5P.I., Cambridge (F.P.)20ONWR10, 17Weston Flats11, 12Quabbin (G41), (G37)24, 25, 8G. d'Entremont, A. Bennett25, 29, 12, 20Newton; Bolton Flats1, 20Quabbin (G41)2, 5P.I.20ONWR10Midleboro, Otta AFB20ONWR21, 22Pembroke; ML A.22, 24Midleboro, Otta AFB25P.I.26 <td></td> <td>Manchester</td> <td>1 m</td> <td>Mrs. Cutler</td> <td></td>		Manchester	1 m	Mrs. Cutler	
Rufons-sided Towhee17, 18S. Hanson, Middleboro19Fall River, S. Dartmouth23, 27Waltham, Quincy23, 30Acton, P.I.American Tree Sparrow1, 313Topsfield, Westminster14J. Brown, P. Westrom#15Newton, Wellesley6, 1O. Komar, R. Forster,21, 24Quincy, Lexington111.16, d'Entremont, C. FloydChipping Sparrow1, 14, 9Brookline, Westminster1, 22Old Furnace, Weston7, 8Holden, Athol11, 13Cantor (F.M.), Brookline11, 13Cantor (F.M.), Brookline11, 13Cantor (F.M.), Brookline12, 12Newton, FM.), Brookline13, 17Westminster (2 locations)14, 11, 13Cantor (F.M.), Brookline15, 17Newton, Bolton Flats16, 17Westminster (2 locations)17, 18Quabbin (G41), (G37)2, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. Bennett70, 18, 22Pembroke; Mt. A.11, 12Quabbin (G41), (G37)2, 5P.I., Cambridge (F.P.)2, 5P.I., Cambridge (F.P.)3, 5Symeist#3, 20GMNWR10, 17Wasch (Crane Beach)9P.I.9P.I.9Milton, P'town15, 50+E. Taylor, B. Nikula16, 42, 9Gotton Flats, Athol, P.I.17, 17Quabbin (G41) <td< td=""><td>Lark Bunting</td><td></td><td></td><td></td><td></td></td<>	Lark Bunting				
17, 18S. Hanson, Middleboro1, 1W. Petersen, D. Briggs19Fall River, S. Dartmouth10, 8J. Heywoodk, R. Stymeist#23, 27Waltham, Quincy3, 3R. Stymeist#, G. d'Entremont23, 30Action, P.I.1, 3R. Forster, G. d'Entremont#American Tree Sparrow1, 4J. Brown, P. Westrom#9Newton, Wellesley6, 1O. Komar, R. Forster21, 24Quincy, Lexington1, 1G. d'Entremont, C. Bloyd4, 9Brookline, Westminster1, 3H. Wiggin, R. Stymeist#21, 22Old Furnace, Weston1, 3H. Lynch#, D. Morimoto7, 8Holden, Athol1, 1T. Aversa, H. Wiggin#23Otis AFB4P. Trimble24, 29Newton, Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#21, 22Newton, Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#21, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. Bennett25, 20Newton, Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#21, 22Quabbin (G41), (G37)6, 1M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. Bennett7, 820GNWR1M. Lynch#1, 29; 27, 20Newton, Bolton Flats1, 14; N. Thomas; R. Stymeist#20ONWR1N. Lynch#1, 29; 20OnWWR1N. Lynch#20ONWR1N. Lynch#31, 7Ipswich (Crane Beach)1, 34D. Rimmer, G			1 m	L. Brown, E. J. Fisk	
19Fall River, S. Dartmouth 23, 2710, 8J. Heywood#, R. Stymeist# G. TEntremont29, 30Acton, P.I.1, 3R. Stymeist#, G. d'Entremont#American Tree Sparow1, 4J. Brown, P. Westrom#13Newton, Wellesley6, 1O. Komar, R. Forster21, 24Quincy, Lexington1, 1G. d'Entremont, C. FloydChipping Sparow6, 1O. Komar, R. Forster4, 9Brockline, Westminster1, 3H. Wiggin, R. Stymeist#21, 22Old Furnace, Weston1, 3M. Lynch#, D. Morimoto7, 8Holden, Athol1, 1M. Lynch#, D. Morimoto7, 8Holden, Athol1, 1Aversa, H. Wiggin#23, 20Otis AFB4P. TrimbleVesper Sparow1, 2T. Leverich#, K. Ryan10, 17Westminster (2 locations)1, 1R. Stymeist#21, 22Newhoryport, Easton1, 2T. Leverich#, K. RyanSavanah Sparow1, 22O. Komar#, M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparow1, 2S. Perkins, T. Aversa1, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 20Newtor, Cambridge7, 1S. Perkins, T. Aversa7, 18, 20GMNWR1-34D. Rimmer9P.I.54M. Lynch#20ONWR1D. Case, T. Aversa1, 8, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#23Middleboro, Otis AFB15, 2 <td></td> <td></td> <td>1 1</td> <td>W Petersen D Briggs</td> <td></td>			1 1	W Petersen D Briggs	
23, 27Waltham, Quincy3, 3R. Stymeist#, G. d'Entremont29, 30Action, P.I.1, 3R. Forster, G. d'Entremont#American Tree Sparrow9Topsfield, Westminster1, 4J. Brown, P. Westrom#13Newton, Wellesley6, 1O. Komar, R. Forster21, 24Quincy, Lexington1, 1G. d'Entremont, C. FloydChipping Sparrow1, 3H. Wiggin, R. Stymeist#21, 22Old Furnace, Weston1, 3H. Urggin#, D. MorimotoField Sparrow7, 8Holden, Athol1, 1T. Aversa, H. Wiggin#11, 13Canton (F.M.), Brookline1, 1T. Aversa, H. Wiggin#23Otis AFB4P. TrimbleVesper Sparrow1, 2T. Leverich#, K. Ryan10, 17Westminster (2 locations)1, 1R. Stymeist#21, 22Newton; Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. Bennett7, 822, 24Middleboro, Mt. A.25, 8G. d'Entremont, S. Rymeist#20ONWR1W. Lynch#21, 22Quabbin (G41), (G37)6, 1M. Lynch#25, 5P. L.Cambridge (F.P.)5, 1S. Perkins, T. Aversa7, 18, 22Pembroke; Mt. A.1; 1W. Thomas; R. Stymeist#20ONWR1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#29Milton, P'town15, 50+E. Taylor, B. Nikula					
29, 30Acton, P.I.1, 3R. Forster, G. d'Entremont#9Topsfield, Westminster1, 4J. Brown, P. Westmim#13Newton, Wellesley6, 1O. Komar, R. Forster21, 24Quincy, Lexington1, 1G. d'Entremont, C. FloydChipping Sparrow1, 2Old Furnace, Weston1, 3H. Wiggin, R. Stymeist#10, 20Old Furnace, Weston1, 3M. Lynch#, D. MorimotoField Sparrow1, 1M. Lynch#, D. Morimoto7, 8Holden, Athol1, 1M. Lynch#, D. Morimoto23Otis AFE4P. Trimble24, 22Newtory, Easton1, 2T. Leversa, H. Wiggin#25, 22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. Bennett7, 18, 22Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa7, 18, 22Pembroke; Mt. A.1, 1M. Lynch#20OWWR1S4D. Rimmer4, 5N. Cambridge2, 1D. Case, T. Aversa7, 18, 22Pembroke; Mt. A.1, 4D. Rimmer9P.I.54D. Rimmer9P.I.1, 50+E. Taylor, B. Nikula9P.I.1, 50+E. Taylor, B. Nikula9Midleboro, Otis AFB15, 2W. Petersen, P. Trimble9Syaarow1S56+E. Taylor, B. Nikula1, 17Quabbin (G41)27, 22, 12M. Lynch#9Midleboro, Otis AFB15	23 27		3.3	R. Stymeist#, G. d'Entr	remont
American Tree Sparrow1.4J. Brown, P. Westrom#9Topsfield, Westminster1.4J. Brown, P. Westrom#13Newton, Wellesley6.1O. Komar, R. Forster21, 24Quincy, Lexington1, 1G. d'Entremont, C. FloydChipping SparrowBrookline, Westminster1, 3H. Wiggin, R. Stymeist#21, 22Old Furnace, Weston1, 3H. Lynch#, D. MorimotoField Sparrow1, 1M. Lynch#, D. Morimoto7, 8Holden, Athol1, 1T. Aversa, H. Wiggin#23Otis AFB4P. TrimbleVesper Sparrow1, 1R. Stymeist#11, 12Newburyport, Easton1, 2T. Leverich#, K. Ryan12, 22, 20Newton; Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparrow12, 5P.I., Cambridge (F.P.)5, 11, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa7, 18, 22Pembroke; Mt. A.1; 1, 1W. Thomas; R. Stymeist#20ONWR1M. Lynch#Swamp Sparrow4, 5Needham, Cambridge2, 1D. Case, T. Aversa4, 5Needham, Cambridge2, 1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#29Milton, P'town15, 50+E. Taylor, B. Nikula21, 7, 17Quabbin (G41)27, 22, 12 <td>29, 30</td> <td></td> <td>1.3</td> <td></td> <td></td>	29, 30		1.3		
9Topsfield, Westminster1,4J. Brown, P. Westmin#13Newton, Wellesley6,1O. Komar, R. Forster21, 24Quincy, Lexington1,1G. d'Entremont, C. FloydChipping Sparrow1,2Old Furnace, Weston1,3H. Wiggin, R. Stymeist#21, 22Old Furnace, Weston1,3M. Lynch#, D. Morimoto7,8Holden, Athol1,1M. Lynch#, D. Morimoto21, 22Old Furnace, Weston1,1T. Aversa, H. Wiggin#23Otis AFB4P. TrimbleVesper Sparrow1,22Newburyport, Easton1,21,22Newburyport, Easton1,2T. Leverich#, K. RyanSavannah Sparrow1,22,2Newton; Bolton Flats1,13; 8,34O. Komar#; M. Lynch#22,24Middleboro, M. A.25,8G. d'Entremont, A. Bennett70,821,22Quabbin (G41), (G37)6,1M. Lynch#22,24Middleboro, M. A.1; 1,1W. Thomas; R. Stymeist#20,5P.I. Cambridge (F.P.)5,1S. Perkins, T. Aversa7, 18, 22Pembroke; MI. A.1; 1,1W. Thomas; R. Stymeist#20ONWR1N. Lynch#30Sparrow1,24M. Lynch#4,5Needham, Cambridge2,1D. Case, T. Aversa7, 18, 22Pembroke; MI. A.1,50+E. Taylor, B. Nikula20ONWR11,1J. SBEC (K. Anderson)9P.I.5,50+E. Taylor, B. Nikula21, 21Midleboro, Otis AFB					
21, 24 Chipping Sparrow 4.9Quincy, Lexington1, 1G. d'Entremont, C. FloydChipping Sparrow Field Sparrow 7, 8Brookline, Westminster Old Furnace, Weston1, 3H. Wiggin, R. Stymeist# M. Lynch#, D. Morimoto7, 8Holden, Athol 11, 131, 1M. Lynch#, D. Morimoto7, 8Holden, Athol Otis AFB1, 1M. Lynch#, D. Morimoto7, 8Holden, Athol Otis AFB1, 1T. Aversa, H. Wiggin# P. Trimble23Otis AFBVestminster (2 locations) Newburyport, Easton1, 1R. Stymeist# P. Trimble22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. Bennett70, 12, 22, 20Newton; Bolton Flats Vestor; Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch# P. T. Leverich#, K. Ryan22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. Bennett70, 5P.L., Cambridge (F.P.)5, 1S. Perkins, T. Aversa M. Lynch#71, 18, 22Pembroke; Mt. A.1; 1W. Thomas; R. Stymeist# M. Lynch#20ONWR1D. Case, T. Aversa M. Lynch#8Sagarow H154M. Lynch#9P.I.54M. Lynch#9P.I.54M. Lynch#9Millon, P'town15, 50+E. Taylor, B. Nikula0Ark-eyed Junco 1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#12, 23S. Dartmouth1SSBC (K. Anderson)24S. Dartmouth1SSBC (K. Anderson)25, 4S. Z			1,4	J. Brown, P. Westrom#	
21, 24Quincy, Lexington1, 1G. d'Entremont, C. FloydChipping SparrowBrookline, Westminster1, 3H. Wiggin, R. Stymeist#21, 22Old Furnace, Weston1, 3M. Lynch#, D. MorimotoField SparrowHolden, Athol1, 1M. Lynch#7, 8Holden, Athol1, 1T. Aversa, H. Wiggin#23Otis AFB4P. TrimbleVesper Sparrow10, 17Westminster (2 locations)1, 1R. Stymeist#21, 22Newburyport, Easton1, 2T. Leverich#, K. RyanSavannah SparrowNewburyport, Easton1, 2C. G'mar#; M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparrow1, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa7, 18, 22Pembroke; Mt. A.1M. Lynch#20ONWR1M. Lynch#Song Sparrow154M. Lynch#4, 5Needham, Cambridge2, 1D. Case, T. Aversa18, 20GMNWR, Bolton Flats15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12Jayatimotic (Crane B.J., Ipswich10, 1D. Rimmer, G. Gove3, 22Ipswich (Crane B.J., Ipswich10, 1SBEC (K. Anderson)Red-winged Blackbird3; 5, 7M. Lynch#23S. Dartmouth1SSBC (K. Anderson)Red-winged Blackbird3; 5, 7M. Ly	13	Newton, Wellesley	6, 1	O. Komar, R. Forster	
4,9Brookline, Westminster1,3H. Wiggin, R. Stymeist#21,22Old Furnace, Weston1,3M. Lynch#, D. Morimoto7,8Holden, Athol1,1M. Lynch#, D. Morimoto7,8Otis AFB4P. Trimble23Otis AFB4P. TrimbleVesper Sparrow10,17Westminster (2 locations)1,1R. Stymeist#21,22Newburyport, Easton1,2T. Leverich#, K. RyanSavannah Sparrow1,22; 2,0Newburyport, Easton1,2K. Kayan22,24Middleboro, Mt. A.5,8G. d'Entremont, A. BennettFox Sparrow1,2Quabbin (G41), (G37)6,1M. Lynch#2,5P.I., Cambridge (F.P.)5,1S. Perkins, T. Aversa7, 18, 22Pembroke; ML. A.1,14W. Lynch#20ONWR1M. Lynch#Song Sparrow1Stymeist#thrp. P.I.54M. Lynch#Swamp Sparrow4,5Needham, Cambridge2,14,5Needham, Cambridge2,1D. Case, T. Aversa1,23S. Dartmouth15,50+E. Taylor, B. NikulaDark-eyed Junco127, 22, 12M. Lynch#1,23Middleboro, Otis AFB15,2W. Petersen, P. Trimble3,22Ipswich (Crane B.), Ipswich1SBC (K. Anderson)23S. Dartmouth1SSBC (K. Anderson)Red-winged Blackbird2,5,7M. Lynch#2,12Sutmouth1,5,57M. Lynch#2		Quincy, Lexington	1, 1	G. d'Entremont, C. Flo	yd
21, 22Old Furnace, Weston1, 3M. Lynch#, D. MorimotoField Sparrow7, 8Holden, Athol1, 1M. Lynch#, D. Morimoto11, 13Canton (F.M.), Brookline1, 1T. Aversa, H. Wiggin#23Otis AFB4P. TrimbleVesper Sparrow1, 1R. Stymeist#10, 17Westminster (2 locations)1, 1R. Stymeist#21, 22Newburyport, Easton1, 2T. Leverich#, K. RyanSavannah Sparrow1, 2C. Komar#; M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparrow1, 2Cambridge (F.P.)5, 1S. Perkins, T. Aversa7, 18, 22Pembroke; Mt. A.1; 1, 1W. Thomas; R. Stymeist#Song Sparrow1M. Lynch#thrIpswich (Crane Beach)1-34D. Rimmer9P.I.54M. Lynch#Swamp SparrowMilton, P'town15, 50+E. Taylor, B. Nikula23, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove23, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove23, 30W. Newbury, Taunton4, 5M. Lynch#24, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#23, 30W. Newbury, Taunton4, 5M. Lynch#24, 29P.I.1SSBC (K. Anderson)25, 7M. Lynch#, B. Sorrie#7, 9Stoneham, Wenham24, 29P.I.1fE. Salmela25, 7M. Lync					
<ul> <li>Field Sparrow</li> <li>7.8 Holden, Athol</li> <li>1, 1</li> <li>Canton (F.M.), Brookline</li> <li>1, 1</li> <li>T. Aversa, H. Wiggin#</li> <li>23</li> <li>Otis AFB</li> <li>Vesper Sparrow</li> <li>10, 17</li> <li>Westminster (2 locations)</li> <li>1, 1</li> <li>R. Stymeist#</li> <li>21, 22</li> <li>Newburyport, Easton</li> <li>1, 2</li> <li>T. Leverich#, K. Ryan</li> <li>Savannah Sparrow</li> <li>1, 22</li> <li>Newburyport, Easton</li> <li>1, 2</li> <li>T. Leverich#, K. Ryan</li> <li>Savannah Sparrow</li> <li>1, 22</li> <li>Newburyport, Easton</li> <li>1, 2</li> <li>T. Leverich#, K. Ryan</li> <li>Savannah Sparrow</li> <li>1, 2</li> <li>Newburyport, Easton</li> <li>1, 2</li> <li>Newburyport, Easton</li> <li>1, 2</li> <li>T. Leverich#, K. Ryan</li> <li>Savannah Sparrow</li> <li>1, 2</li> <li>Quabbin (G41), (G37)</li> <li>6, 1</li> <li>M. Lynch#</li> <li>20</li> <li>ONWR</li> <li>Song Sparrow</li> <li>thr</li> <li>Ipswich (Crane Beach)</li> <li>9</li> <li>F.I.</li> <li>Song Sparrow</li> <li>Milton, P'town</li> <li>5, 50+</li> <li>E. Taylor, B. Nikula</li> <li>Savang Sparrow</li> <li>Midleboro, Otis AFB</li> <li>5, 2</li> <li>W. Petersen, P. Trimble</li> <li>Song Bunting</li> <li>3, 22</li> <li>Ipswich (Crane B.), Ipswich</li> <li>1, 1</li> <li>M. Lynch#</li> <li>Lapland Longspur</li> <li>1, 2</li> <li>Middleboro, Otis AFB</li> <li>1, 2</li> <li>Wetersen, P. Trimble</li> <li>Sibert Mathematication</li> <li>1, 2</li> <li>Song Bunting</li> <li>3, 22</li> <li>Ipswich (Crane B.), Ipswich</li> <li>1, 1</li> <li>D. Rimmer, G. Gove</li> <li>3, 23</li> <li>S. Dartmouth</li> <li>S, 5, 7</li> <li>M. Lynch#</li> <li>Lapland Longspur</li> <li>1, 2</li> <li>Middleboro, Otis AFB</li> <li>1, 2</li> <li>Wester Madowlark</li> <li>1, 2, 17</li> <li>New Braintree; Marlboro</li> <li>3, 5, 7</li> <li>M. Lynch#, R. Graefe</li> <li>7, 8</li> <li>DWWS, Athol</li> <li>14, 5</li> <li>D. Clapp, M. Lynch#</li> <li>Lynch#, B. Sorrie#</li> <li>Yellow-headed Blackbird</li> <li>29</li> <li>P.I.</li> <li>16</li> <li>E. Salmela</li> <li>Ku</li></ul>	4,9		1, 3		
7,8Holden, Athol1,1M. Lynch#11,13Canton (F.M.), Brookline1,1T. Aversa, H. Wiggin#23Otis AFB4P. TrimbleVesper SparrowNewburyport, Easton1,2T. Leverich#, K. Ryan10,17Westminster (2 locations)1,1R. Stymeist#21,22Newboryport, Easton1,2T. Leverich#, K. RyanSavannah Sparrow1,29;2,20Newton; Bolton Flats1,13; 8,34O. Komar#; M. Lynch#22,24Middleboro, Mt. A.25,8G. d'Entremont, A. BennettFox Sparrow1SparrowK. Lynch#1, 2Quabbin (G41), (G37)6,1M. Lynch#20ONWR1M. Lynch#20ONWR1M. Lynch#20ONWR1M. Lynch#20ONWR1M. Lynch#20ONWR1M. Lynch#30g Sparrow11.34D. Rimmer4,5Needham, Cambridge2,1D. Case, T. Aversa18,20GMNWR, Bolton Flats15,50+E. Taylor, B. NikulaDark-eyed Junco1,7,17Quabbin (G41)27,22,12M. Lynch#1,23Middleboro, Otis AFB15,2W. Petersen, P. TrimbleSnow Bunting3,22Ipswich (Crane B.), Ipswich10,1D. Rimmer, G. Gove3,22Ipswich (Crane B.), Ipswich10,1D. Rimmer, G. Gove3,30W. Newbury, Taunton3,5,7M. Lynch#4,5D. Calapt, M. Lynch#23,30W. Newbury, Tau	21, 22	Old Furnace, Weston	1, 3	M. Lynch#, D. Morimo	to
11, 13Canton (F,M.), Brookline1, 1T. Aversa, H. Wiggin#23Otis AFB4P. Trimble10, 17Westminster (2 locations)1, 1R. Stymeist#21, 22Newburyport, Easton1, 2T. Leverich#, K. RyanSavannah Sparrow1, 29: 2, 20Newton; Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparrow1, 2Quabbin (G41), (G37)6, 1M. Lynch#1, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa7: 18, 22Pembroke; Mt. A.1; 1, 1W. Thomas; R. Stymeist#20ONWR1M. Lynch#Song SparrowthrJ. Stymeist#45Needham, Cambridge2, 1D. Case, T. Aversa8, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow127, 22, 12M. Lynch#29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#1, 23S. Dartmouth1SSBC (K. Anderson)Red-winged Blackbird2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#23. 30W. Newburyn, Taunton4, 5M. Lynch#, B. Sorrie#29P.I.1fE. SalmelaRed-winged Blackbird2, 2Stometham, 4, 5M. Lynch#2,	Field Sparrow	Holden Athol	1.1	M Lunch#	
23Otis AFB4P. TrimbleVesper Sparrow10, 17Westminster (2 locations)1, 1R. Stymeist#21, 22Newburyport, Easton1, 2T. Leverich#, K. RyanSavannah Sparrow1, 29, 2, 20Newton; Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparrow1, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa7; 18, 22Pembroke; Mt. A.1; 1, 1W. Thomas; R. Stymeist#0ONWR1M. Lynch#Song Sparrow154M. Lynch#thrIpswich (Crane Beach)1-34D. Rimmer9P.I.54M. Lynch#Swamp Sparrow1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove3, 22Ipswich (Crane B.), Ipswich1SSBC (K. Anderson)4.64-winged Blackbird7+, 8D. Clap, M. Lynch#23, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#Yellow-headed Blackbird3, 17W. Petersen, L. Taylor#	/, 0				
Vesper Sparrow 10, 17Westminster (2 locations) Newburyport, Easton1, 1R. Stymeist# T. Leverich#, K. RyanSavannah Sparrow 1, 29: 2, 20Newton; Bolton Flats Middleboro, Mt. A.1, 13; 8, 34 25, 8O. Komar#; M. Lynch# G. d'Entremont, A. BennettFox Sparrow 1, 2Quabbin (G41), (G37) 2, 56, 1M. Lynch# G. d'Entremont, A. Bennett7, 18, 22Pembroke; Mt. A. 201; 1, 1W. Thoma; R. Stymeist# 20Song Sparrow thr $q$ 1; 1, 1W. Thoma; R. Stymeist# M. Lynch#Song Sparrow thr $q$ 1.34D. Rimmer M. Lynch#89F.I.54Swamp Sparrow 4, 5Needham, Cambridge P.I.2, 1D. Case, T. Aversa M. Lynch#88, 20GMNWR, Bolton Flats Starrow6, 6R. Forster, M. Lynch#9P.I.54M. Lynch#1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur 1, 23Middleboro, Otis AFB15, 2W. Petersen, P. Trimble3, 22Ipswich (Crane B.), Ipswich 2310, 1D. Rimmer, G. Gove SSBC (K. Anderson)3, 22Ipswich (Crane B.), Ipswich 1, 2, 17New Braintree; Marlboro 3, 5, 715, 7M. Lynch#23, 0W. Newbury, Taunton 4, 51, 5D. Clape, M. Lynch#23, 30W. Newbury, Taunton 4, 54, 5D. Clape, M. Lynch#23, 30W. Newbury, Taunton 4, 54, 5D. Clape, M. Lynch#29P.I.11fE. Salmela1, 2,	23				
10, 17Westminster (2 locations)1, 1R. Stymeist#21, 22Newburyport, Easton1, 2T. Leverich#, K. RyanSavannah Sparrow1, 29; 2, 20Newton; Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparrow1, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa20ONWR1W. Thomas; R. Stymeist#20ONWR1M. Lynch#Song Sparrow11.34D. Rimmer9P.I.54M. Lynch#Swamp Sparrow4, 5G. GMNWR, Bolton Flats6, 64, 50GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow15, 50+E. Taylor, B. Nikula29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich1SBEC (K. Anderson)23, 30W. Newbury, Taunton4, 5M. Lynch#23, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#Yellow-headed Blackbird11E. Salmela23, 30W. Newharm3, 17W. Petersen, L. Taylor#1, 2Middleboro, IRWS3, 17W. Petersen, L. Taylor#1, 2Middleboro,		Ous Arb	-	1. minote	
21, 22Newburyport, Easton1, 2T. Leverich#, K. RyanSavannah Sparrow1, 29; 2, 20Newton; Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparrow1, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa7, 18, 22Pembroke; Mt. A.1; 1, 1W. Thomas; R. Stymeist#20ONWR1M. Lynch#Song Sparrow1M. Lynch#thrIpswich (Crane Beach)1-34D. Rimmer9P.I.54M. Lynch#Swamp Sparrow4, 5Needham, Cambridge2, 1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow15, 50+E. Taylor, B. Nikula29Milton, P'town15, 50+E. Taylor, B. Nikula1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur1SSBC (K. Anderson)3, 22Ipswich (Crane B.), Ipswich1SSBC (K. Anderson)Red-winged Blackbird2; 5, 7M. Lynch#, R. Graefe2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#, R. Graefe1, 2, 17New Braintree; Marlboro3; 5, 7M. Lynch#, R. Graefe29P.I.1fE. Salmela23, 30W. Newbury, Taunton4, 5D. Clapp, M. Lynch#23, 30W. Newbury, Taunton4, 5M		Westminster (2 locations)	1.1	R Stymeist#	
Savannah Sparrow1, 29; 2, 20Newton; Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparrow1, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa7, 18, 22Pembroke; Mt. A.1; 1, 1W. Thomas; R. Stymeist#20ONWR1M. Lynch#20ONWR1M. Lynch#9P.I.54M. Lynch#9P.I.54M. Lynch#Swamp Sparrow4, 5Needham, Cambridge2, 1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow15, 50+E. Taylor, B. Nikula29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove3, 22Ipswich (Crane B.), Ipswich1SSBC (K. Anderson)Red-winged Blackbird3, 5, 7M. Lynch#, B. Sorrie#1, 2, 17New Braintree; Marlboro3, 5, 7M. Lynch#, B. Sorrie#23, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#29P.I.1fE. SalmelaRusty Blackbird1, 2Middleboro, IRWS3, 17W.					
1, 29; 2, 20Newton; Bolton Flats1, 13; 8, 34O. Komar#; M. Lynch#22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparrow1, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa7; 18, 22Pembroke; Mt. A.1; 1, 1W. Thomas; R. Stymeist#20ONWR1M. Lynch#song Sparrow1M. Lynch#thrIpswich (Crane Beach)1-34D. Rimmer9P.I.54M. Lynch#Swamp Sparrow4, 5Needham, Cambridge2, 1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove3, 22Ipswich (Crane B.), Ipswich1SSBC (K. Anderson)Red-winged Blackbird23, 5, 7M. Lynch#, R. Graefe23, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#29P.I.1fE. Salmela23, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#29P.I.1fE. Salmela29P.I.1fE. Salmela29P.I. <t< td=""><td></td><td></td><td>-, -</td><td>1. 20. cite, 12. ityai</td><td></td></t<>			-, -	1. 20. cite, 12. ityai	
22, 24Middleboro, Mt. A.25, 8G. d'Entremont, A. BennettFox Sparrow1, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa7; 18, 22Pembroke; Mt. A.1; 1, 1W. Thomas; R. Stymeist#20ONWR1M. Lynch#Song Sparrow1M. Lynch#thrIpswich (Crane Beach)1-34D. Rimmer9P.I.54M. Lynch#Swamp Sparrow6, 6R. Forster, M. Lynch#4, 5Needham, Cambridge2, 1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow9Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#1, 20Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove3, 22Ipswich (Crane B.), Ipswich1SSBC (K. Anderson)Red-winged Blackbird25, 7M. Lynch#2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#23, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#29P.I.1fE. Salmela29P.I.1fE. Salmela29P.I.1fE. Salmela29P.I.1fE. Salmela29<	1, 29; 2, 20	Newton; Bolton Flats	1, 13; 8, 34	O. Komar#; M. Lynch#	ŧ
1, 2Quabbin (G41), (G37)6, 1M. Lynch#2, 5P.I., Cambridge (F.P.)5, 1S. Perkins, T. Aversa7, 18, 22Pembroke; Mt. A.1; 1, 1W. Thomas; R. Stymeist#20ONWR1M. Lynch#Song Sparrow1M. Lynch#thrJpswich (Crane Beach)1-34D. Rimmer9P.I.54M. Lynch#Swamp Sparrow6, 6R. Forster, M. Lynch#4, 5Needham, Cambridge2, 1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow6, 6R. Forster, M. Lynch#29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 121, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich1D. Rimmer, G. Gove23S. Dartmouth1SSBC (K. Anderson)Red-winged Blackbird2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#2, 17New Braintree; Marlboro3, 5, 7M. Lynch#23, 30W. Newbury, Taunton4, 5D. Clapp, M. Lynch#29P.I.1fE. Salmela1,21Middleboro, IRWS3, 17W. Petersen, L. Taylor#29P.I.1fE. Salmela10, 17Westminster (High Ridge)17, 7R. Stymeist#29P.I.1f </td <td></td> <td></td> <td></td> <td></td> <td></td>					
2,5P.I., Cambridge (F.P.)5,1S. Perkins, T. Aversa7; 18, 22Pembroke; MI. A.1; 1, 1W. Thomas; R. Stymeist#20ONWR1M. Lynch#Song Sparrow1M. Lynch#thrIpswich (Crane Beach)1-34D. Rimmer9P.I.54M. Lynch#Swamp Sparrow4, 5Needham, Cambridge2, 1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow4, 5Needham, Cambridge2, 1D. Case, T. Aversa29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove23S. Dartmouth1SSBC (K. Anderson)Red-winged Blackbird23, 5, 7M. Lynch#2, 17New Braintree; Marlboro3, 5, 7M. Lynch#2, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#29P.I.1fE. Salmela1, 23Middleboro, IRWS3, 17W. Petersen, L. Taylor#2, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#29P.I.1fE. Salmela1, 29Wayland, P'town3, 2.4T. Aversa, J. Berry10, 17Westminster (High Ridge)17,	Fox Sparrow				
2,5P.I., Cambridge (F.P.)5,1S. Perkins, T. Aversa7; 18, 22Pembroke; MI. A.1; 1, 1W. Thomas; R. Stymeist#20ONWR1M. Lynch#Song Sparrow1M. Lynch#thrIpswich (Crane Beach)1-34D. Rimmer9P.I.54M. Lynch#Swamp Sparrow4, 5Needham, Cambridge2, 1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow4, 5Needham, Cambridge2, 1D. Case, T. Aversa29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove23S. Dartmouth1SSBC (K. Anderson)Red-winged Blackbird23, 5, 7M. Lynch#2, 17New Braintree; Marlboro3, 5, 7M. Lynch#2, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#29P.I.1fE. Salmela1, 23Middleboro, IRWS3, 17W. Petersen, L. Taylor#2, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#29P.I.1fE. Salmela1, 29Wayland, P'town3, 2.4T. Aversa, J. Berry10, 17Westminster (High Ridge)17,	1, 2	Quabbin (G41), (G37)		M. Lynch#	
20ONWR1M. Lynch#Song Sparrow thr 9P.I.1-34D. Rimmer 99P.I.54M. Lynch#Swamp Sparrow 4,5Needham, Cambridge 92,1D. Case, T. Aversa 8, 2018, 20GMNWR, Bolton Flats6,6R. Forster, M. Lynch#White-throated Sparrow 29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco 1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur 1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting 3, 22Ipswich (Crane B.), Ipswich 110, 1D. Rimmer, G. Gove 23S. DartmouthRed-winged Blackbird 2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#Lastern Meadowlark 1; 2, 17New Braintree; Marlboro 3; 5, 73; 5, 7M. Lynch#, R. Graefe 4, 529P.I.1 fE. SalmelaWusy Blackbird 29P.I.1 fE. SalmelaRusty Blackbird 1, 2Middleboro, IRWS 4, 53, 17W. Petersen, L. Taylor# 7, 910, 17Westminster (High Ridge) 14, 2917, 7R. Stymeist# 4, 25, 4Forster, B. Nikula	2,5			S. Perkins, T. Aversa	
Song Sparrow thrIpswich (Crane Beach)1-34 54D. Rimmer M. Lynch#9P.I.54M. Lynch#Swamp Sparrow 4, 5Needham, Cambridge (GMNWR, Bolton Flats2, 1D. Case, T. Aversa B, Cose, T. Aversa18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow 29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco 1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur 1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting 3, 22Ipswich (Crane B.), Ipswich 110, 1D. Rimmer, G. Gove SSBC (K. Anderson)28, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#29, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#23, 30W. New Braintree; Marlboro 7, 83, 5, 7M. Lynch#, R. Graefe 1, 4, 57, 8DWWS, Athol 14, 514, 5D. Clapp, M. Lynch#29P.I.1 fE. Salmela1, 2Middleboro, IRWS 3, 173, 17W. Petersen, L. Taylor# 7, 910, 17Westminster (High Ridge) 17, 717, 7R. Stymeist# 17, 714, 29Wayland, P'town 25, 425, 4R. Forster, B. Nikula					st#
thrIpswich (Crane Beach)1-34D. Rimmer9P.I.54M. Lynch#Swamp Sparrow4,5Needham, Cambridge2,1D. Case, T. Aversa18, 20GMNWR, Bolton Flats6,6R. Forster, M. Lynch#White-throated Sparrow9Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur1, 23Middleboro, Otis AFB15, 2W. Petersen, P. Trimble3, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove23S. Dartmouth1SSBC (K. Anderson)2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#Eastern Meadowlark14, 5D. Clapp, M. Lynch#1; 2, 17New Braintree; Marlboro3; 5, 7M. Lynch#, B. Sorrie#Yellow-headed Blackbird29P.I.1fE. Salmela29P.I.1fE. Salmela1, 2Middleboro, IRWS3, 17W. Petersen, L. Taylor#7, 9Stoneham, Wenham3, 2-4T. Aversa, J. Berry10, 17Westminster (High Ridge)17, 7R. Stymeist#14, 29Wayland, P'town25, 4R. Forster, B. Nikula		ONWR	1	M. Lynch#	
9P.I.54M. Lynch#Swamp Sparrow 4, 5Needham, Cambridge GMNWR, Bolton Flats2,1D. Case, T. Aversa R. Forster, M. Lynch#18, 20GMNWR, Bolton Flats6,6R. Forster, M. Lynch#White-throated Sparrow 29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco 1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur 1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting 3, 22Ipswich (Crane B.), Ipswich 2310, 1D. Rimmer, G. Gove 23Red-winged Blackbird 2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#Eastern Meadowlark 1; 2, 17New Braintree; Marlboro 3, 5, 73, 5, 7M. Lynch#, R. Graefe 4, 529P.I.1 fE. SalmelaYellow-headed Blackbird 29P.I.1 fE. Salmela1, 2Middleboro, IRWS 7, 93, 17W. Petersen, L. Taylor# 7, 7, 7Yellow-headed Cowbird17, 7R. Stymeist# 4, 29Hay Blackbird 1, 2917, 7R. Stymeist# 4, 25, 4Brown-headed Cowbird17, 7R. Stymeist# 4, 25, 4Brown-headed Cowbird17, 7R. Stymeist# 4, 25, 4		Inquich (Crone Beech)	1.24	D Dimmor	
Swamp Sparrow4,5Needham, Cambridge2,1D. Case, T. Aversa18,20GMNWR, Bolton Flats6,6R. Forster, M. Lynch#White-throated Sparrow29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove23S. Dartmouth1SSBC (K. Anderson)Red-winged Blackbird2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#23, 30W. New Braintree; Marlboro3; 5, 7M. Lynch#; R. Graefe7,8DWWS, Athol14, 5D. Clapp, M. Lynch#29P.I.1fE. SalmelaYellow-headed Blackbird11F29P.I.1fE. SalmelaRusty Blackbird1, 2Middleboro, IRWS3, 17W. Petersen, L. Taylor#7,9Stoneham, Wenham3, 2-4T. Aversa, J. Berry10, 17Westminster (High Ridge)17, 7R. Stymeist#14, 29Wayland, P'town25, 4R. Forster, B. Nikula					
4,5Needham, Cambridge GMNWR, Bolton Flats2,1D. Case, T. Aversa B, Case, T. Aversa18, 20GMNWR, Bolton Flats6,6R. Forster, M. Lynch#White-throated Sparrow 29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco 1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur 1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting 3, 22Ipswich (Crane B.), Ipswich 2310, 1D. Rimmer, G. Gove 23Red-winged Blackbird 2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#Eastern Meadowlark 1; 2, 17New Braintree; Marlboro 3; 5, 73; 5, 7M. Lynch#; R. Graefe D. Clapp, M. Lynch#23, 30W. Newbury, Taunton 294, 5M. Lynch#, B. Sorrie#Yellow-headed Blackbird 29P.I.1fE. Salmela1, 2Middleboro, IRWS 3, 173, 17W. Petersen, L. Taylor# 7, 910, 17Westminster (High Ridge) 17, 717, 7R. Stymeist# 4, 2914, 29Wayland, P'town 25, 425, 4R. Forster, B. Nikula		F.1.	54	WI. Lynch#	
18, 20GMNWR, Bolton Flats6, 6R. Forster, M. Lynch#White-throated Sparrow29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove23S. Dartmouth1SSBC (K. Anderson)Red-winged Blackbird23S. Dartmouth12, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#Eastern Meadowlark14, 5D. Clapp, M. Lynch#1; 2, 17New Braintree; Marlboro3; 5, 7M. Lynch#, R. Graefe23, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#Yellow-headed Blackbird11F29P.I.1fE. SalmelaRusty Blackbird11, 7W. Petersen, L. Taylor#1, 2Middleboro, IRWS3, 17W. Petersen, L. Taylor#7, 9Stoneham, Wenham3, 2-4T. Aversa, J. Berry10, 17Westminster (High Ridge)17, 7R. Stymeist#14, 29Wayland, P'town25, 4R. Forster, B. Nikula		Needham, Cambridge	2.1	D. Case, T. Aversa	
White-throated Sparrow 29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco 1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur 1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting 3, 22Ipswich (Crane B.), Ipswich 2310, 1D. Rimmer, G. Gove SSBC (K. Anderson)Red-winged Blackbird 2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#Eastern Meadowlark 1; 2, 17New Braintree; Marlboro 3; 5, 73; 5, 7M. Lynch#; R. Graefe 14, 523, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#Yellow-headed Blackbird 29P.I.1 fE. SalmelaRusty Blackbird 1, 2Middleboro, IRWS M. Stoneham, Wenham 3, 2-43, 17W. Petersen, L. Taylor# T. Aversa, J. Berry 10, 17Nusty Blackbird 14, 29Wayland, P'town25, 4R. Forster, B. Nikula					
29Milton, P'town15, 50+E. Taylor, B. NikulaDark-eyed Junco1, 7, 17Quabbin (G41)27, 22, 12M. Lynch#Lapland Longspur1, 23Middleboro, Otis AFB15, 2W. Petersen, P. TrimbleSnow Bunting3, 22Ipswich (Crane B.), Ipswich10, 1D. Rimmer, G. Gove23S. Dartmouth1SSBC (K. Anderson)Red-winged Blackbird2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#2, 8, 22Bolton Flats, Athol, P.I.75+, 60+, 25+M. Lynch#1; 2, 17New Braintree; Marlboro3; 5, 7M. Lynch#, E. Graefe7, 8DWWS, Athol14, 5D. Clapp, M. Lynch#23, 30W. Newbury, Taunton4, 5M. Lynch#, B. Sorrie#Yellow-headed Blackbird1fE. Salmela29P.I.1 fE. SalmelaRusty Blackbird17, 7R. Stymeist#1, 2Middleboro, IRWS3, 17W. Petersen, L. Taylor#7, 9Stoneham, Wenham3, 2-4T. Aversa, J. Berry10, 17Westminster (High Ridge)17, 7R. Stymeist#14, 29Wayland, P'town25, 4R. Forster, B. Nikula					
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DATE	LOCATION	NUMBER	OBSERVERS	APRIL 1989
Northern Oriole	Washam	1	B. Barnard	
20-30 Dumla Einch	Wenham	1	B. Barnaru	
Purple Finch 2, 15, 17	Quabbin (G37), (G41), (G40)	1, 1, 2	M. Lynch#	
1, 8	E. Middleboro, Hanson	2,1	K. Anderson, W. Pete	rsen
9; 10, 17	Wenham; Westminster	1; 3, 5	J. Berry; R. Stymeist#	
11, 15	Canton (F.M.), Boxford	1,2	T. Aversa, J. Heywoo	
18	Mt. A., Rutland (2 locations)	1,2	R. Stymeist#, B. Sorri	e
21,25	Petersham, P.I.	2,5	M. Lynch#	
House Finch				
15	Quabbin (G40)	pr	M. Lynch#	
Pine Siskin				
- 11	Brookline	1	H. Wiggin	
Evening Grosbea	K Ouabbin (G41)	2 1 9 11	M. Lynch#	
1, 7, 15, 17 2, 8	Quabbin (G41) Quabbin (G37), Athol	2, 1, 8, 11 4, 10	M. Lynch#	
10; 15, 17	Westminster; Quabbin (G40)	27; 4, 2	R. Stymeist#; M. Lyn	ch#
21	Petersham, Middleboro	1, 1	M. Lynch#, D. Briggs	
		-, -		
				24

#### CORRIGENDUM TO DEC/JAN/FEB. FIELD RECORDS (VOL. 17, NO. 3)

Tufted Duck (pag	ge 142)		
12/17-2/28	Sandwich area	1 m	CBC (E. Nielsen#) $+ v. o.$
should read			
12/17-2/28	Sandwich area	1 m	CBC (B. Sorrie, E. Nielsen#) + v. o.

## Calling all birders

## **MASSACHUSETTS BIRDERS' MEETING**

Sponsored by the Massachusetts Audubon Society in conjunction with the Allen Bird Club of Springfield and the Hampshire Bird Club of Amherst

## SATURDAY NOVEMBER 18, 1989

8:30 A.M. - 4:00 P.M.

at the Laughing Brook Wildlife Sanctuary in Hampden, MA

> Please join us for a day of bird-related information, discussion, and camaraderie. A buffet lunch will be provided.

To register, send a check in the amount of \$15 payable to Massachusetts Audubon Society, c/o Conservation Department, South Great Road, Lincoln, MA 01773.

For further information, call 617-259-9500, ext. 7401 or ext. 7407.



Eastern Massachusetts

# Hawk Watch

The fall 1989 hawk migration should give birders in the state excellent opportunities to see significant numbers of hawks in good variety. The Eastern Massachusetts Hawk Watch (EMHW) will attempt to monitor portions of this flight.

The EMHW will maintain a consecutive-day watch on the summit of Wachusett Mountain in Princeton from September 1 through October 9, continuing on all weekends through November 26 if the number of volunteer observers permits. Help is especially critical for weekdays at Wachusett from September 18 through October 9, the period when accipiters and some of the larger buteos are best seen.

The EMHW will also conduct coordinated hawkwatches on the weekends of September 9-10, 16-17, 23-24, and October 28-29. Volunteers are needed to report the level of hawk migration activity from any site on any of the coordinated weekend dates. Select a site near your home or contact the EMHW coordinator for recommendations as to the best sites available for coverage.

You don't have to be an expert to participate and report. Reporting the number of hawks seen—not identifying every one of them—is the critical requirement. If you would like, the EMHW coordinator can team you with a more experienced hawkwatcher at any of a number of sites across the eastern half of the state, from Cape Cod to the Connecticut River.

Volunteers are needed for all dates. We also appreciate any hawkwatch reports for any other dates or sites in eastern Massachusetts or Rhode Island, with special emphasis on the second and third weeks of September.

If you would like to participate or require more information, please contact:

Paul Roberts, 254 Arlington Street, Medford, MA 02155.

Telephone: 617-483-4263 (after 8:00 P.M.).

If you would like more information on hawkwatching in eastern Massachusetts, including a copy of the Fall 1988 Eastern Hawk Watch Report, please write to Paul Roberts at the address above and include \$1.50 to help defray costs. The information packet includes two fliers: "Why People Watch Hawks" and "Where to Watch Hawks in Eastern Massachusetts."

Additional materials are also available from Paul at the address above. These include a six-page silhouette guide to the hawks of the northeast (\$1.70), a sixteen-page silhouette guide to the hawks of North America (\$2.65), and a sixteen-page *Beginner's Guide to Hawkwatching* (\$1.25). All prices include postage; checks should be made payable to the Eastern Massachusetts Hawk Watch.

## **ABOUT THE COVER: Least Sandpiper**

The Least Sandpiper (*Calidris minutilla*) is the smallest of the North American peep, just smaller than the Semipalmated Sandpiper with which it frequently associates. It can be separated from the latter by its generally browner coloration, more slender bill, and by its yellowish or greenish legs. Juvenile birds in fresh plumage are more brightly colored than adults. Bright rufous edges to the feathers of the crown and upperparts create a bright orange-brown glow, and there is a creamy white, incomplete V pattern on the sides of the back. This bright plumage rapidly wears and fades, and by late October most Least Sandpipers are in drab winter dress.

These birds are foraging generalists, usually picking rather than probing, and eating a wide variety of insect, crustacean, and even plant foods. They may twitter when foraging and when flushed utter a "kreeep" or a long "screeeee." They frequent beaches, particularly in spring, and during migration in May are found on the open mudflats of Newburyport Harbor by the thousands. However, this species often forages out of the water, on the muddy edges of pools or in marsh grass—tame little brown sandpipers that roam the *Spartina* edges of the shallow pannes at Plum Island.

Least Sandpipers generally arrive in our area from the first week in May on the way to their tundra breeding grounds (Alaska east to Newfoundland and south to Nova Scotia), and stragglers linger through early June. On July 12, 1979, a freshly dead downy chick was found on Monomoy, establishing the first known breeding record for Least Sandpiper in the Lower Forty-eight (reported by Kathleen S. Anderson in *American Birds*, November 1980, 34: 867). The adults arrive back in Massachusetts from early July through early August, followed shortly by the brightly colored juveniles, which become prevalent by the third week of August. The birds stop over to fatten up for the flight to their wintering grounds in southern United States, Central America, and the northern half of South America. But some of these tiny birds also fly nonstop from Canada to South America.

This species is monogamous. The males sing and display both on the ground and in elaborate flights with alternating bursts of rapid wingbeating and gliding, rising sometimes to thirty meters or more and singing continuously. The male also does most of the incubating of the clutch of four eggs and most of the caring for the downy young. The adults forage in communal feeding areas away from the breeding territory.

This widespread and common sandpiper currently poses no conservation problems. It is part of the superspecies that includes the Old World stints, several of which it closely resembles in some plumages, particularly if leg color is not clear, providing a significant challenge to birders who think they may be viewing a vagrant stint in their scopes. William E. Davis, Jr.

## MEET OUR COVER ARTIST

**BARRY W. VAN DUSEN** is a wildlife artist who lives in Princeton, Massachusetts, with his wife Lisa, not far from Wachusett Meadow Wildlife Sanctuary. He is a native of Maine who grew up in the Sebago Lake area and early in childhood developed an interest in natural history. Since high school, this interest has become increasingly focused on birds. An artistic talent, apparent early in life, was encouraged by his parents (father was an engineering designer). In high school Barry decided to become an artist. To that end, he completed a four-year study in visual design at Southeastern Massachusetts University, a broad program founded on a traditional art education.

Ten years ago, Barry began his independent professional career, starting as a commercial artist. He has done major illustrations for Genrad, Digital, Scandinavian Design, and American Optical companies. However, in recent years, he has turned his attention to natural history subjects, especially birds. For Massachusetts Audubon Society he has illustrated and created brochures and posters and produced the artwork for field guides, books, and for the society's publication *Sanctuary*. Some of these pictures have, in turn, appeared in the pages of *Audubon*, *Wildbird*, *The Boston Globe*, and *Bird Observer*. He illustrated Richard Walton's book *Bird Finding in New England* (published by Godine) and has produced the artwork for two forthcoming books, *A Naturalist's Guide to New England* by Christopher Leahy and *Birding Cape Cod*, a manuscript produced by the Cape Cod Bird Club. He is currently illustrating a pocket guide to the natural history of Belize.

Barry is dedicated to field sketching, preferring to work from life whenever possible, and keeps several sketchbooks active at any one time. He has gained inspiration from the works of Eric Ennion, John Busby, and Lars Jonsson—all advocates of working directly from the living bird. Many of Barry's field sketches were featured in the April 1989 issue of *Habitat: Journal of the Maine Audubon Society*, and his painting of Laughing Gulls adorned the cover.

The pen-and-ink drawing of fresh-plumaged young Least Sandpipers on our cover was produced from a field sketch made in early September of 1987 at Bourne on Cape Cod and is the second cover the artist has contributed to *Bird Observer*.

Barry's pictures have been exhibited at galleries throughout New England. In October 1989, his work will be on view at Maine Audubon Society in Falmouth, Maine. If you would like to be notified of future exhibits, please drop a note to him at 13 Radford Road, Princeton, MA 01541.

Dorothy R. Arvidson

BIRD OBSERVER

# AT A GLANCE June 1989

The shorebird depicted as June's mystery species is at once recognizable as one of the three species of phalaropes. Collectively, phalaropes are recognizable in nonbreeding plumage by their distinctive dusky eye patches and their frequent habit of swimming when foraging rather than walking on mudflats or sand. This swimming trait is especially characteristic of Red-necked and Red phalaropes. In Massachusett only Wilson's Phalarope is likely to be seen regularly foraging on land, where it can then be readily distinguished by its very long straight thin bill, pale gray eye patch, slender neck, yellowish legs, unpatterned dark wings, and white rump patch in flight.

The stout bill, blackish eye patch, and rather short thick neck of the pictured phalarope eliminate Wilson's Phalarope. Having narrowed the options, it is necessary to concentrate on the structure of the bill and the coloration and pattern of the mystery bird's back. Clearly, the bill is thick at the base, tapering gradually to a blunt tip. The fresh unpatterned mantle and scapular feathers on the upper parts fail to show any broad white fringes or dark central streaks, thereby giving the back an even, light gray appearance quite devoid of any streaking other than the dark areas of retained juvenile plumage on the lower neck. This combination of characteristics clearly indicates that the bird in the photograph is a Red Phalarope (*Phalaropus fulicaria*) molting from juvenal into basic (winter) plumage.

A Red-necked Phalarope in corresponding plumage would possess a nearly uniformly thin needle-like bill with a pointed tip, and its upperparts would show a streaked appearance due to a combination of dark central streaks and broad white fringes on the back and scapular feathers. Also, the Red-necked Phalarope normally has a smaller headed appearance and a slimmer neck than the chunkylooking Red Phalarope. A caveat on the back pattern of Red Phalaropes concerns juveniles in late summer, which often display a somewhat blotchy appearance as the pale gray basic feathers of winter grow in and contrast with the dark-centered and buffy-fringed feathers of the juvenal plumage. This feather contrast can be misconstrued as the streaked pattern of similarly aged Red-necked Phalaropes. Bill shape and overall structure should serve to distinguish such individuals. Most pelagic phalaropes seen in Massachusetts are well along into their basic molt, making the identification of juveniles a little



easier. Observers are reminded that under many pelagic conditions specific phalarope identification is often impossible and that some individuals are not safely distinguished in the field unless excellent views are obtained.

The exceptional view of the Red Phalarope in the picture was obtained by Alan Bennett as the bird swam in a pool at the Great Meadows National Wildlife Refuge on October 15, 1988.

**BIRD OBSERVER** 

# AT A GLANCE

Photo by A. H. Morgan (Courtesy of MAS)



Can you identify this bird? Identification will be discussed in next issue's AT A GLANCE.

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# CONTENTS\_

FINDING BIRDS IN IPSWICH Jim Berry	172
AN HONOR WITHOUT PROFIT Richard K. Walton	183
THE ETHICS OF NATURE WATCHING Verdie J. Abel	189
THE LARK SPARROW IN MASSACHUSETTS Richard A. Forster 	192
FIELD RECORDS: MARCH 1989	197
FIELD RECORDS: APRIL 1989	207
ABOUT THE COVER: Least Sandpiper William E. Davis, Jr.	220
MEET OUR COVER ARTIST: Barry W. Van Dusen	
	221
AT A GLANCE	222
Cover Illustration: Young Least Sandpipers by Barry W. Van Dusen	