

New Hampshire Bird Records



Fall 1997

Vol. 16, No. 3

From the Editor

We are pleased to honor Kimball Elkins in this issue of *New Hampshire Bird Records*. Kimball was the Fall Editor for many years and later served as Technical Editor until his death in September of 1997. All of us will miss Kimball, who was not only a valuable resource on birds in the state but also a wonderful person.

A special thank you to Susan Fogleman for the cover illustration of a Barred Owl which originally appeared in the *Atlas of Breeding Birds in New Hampshire*. Susan's artwork may be found throughout this issue of *New Hampshire Bird Records* in memory of Kimball Elkin's friendship and mentoring.

We appreciate the support of the donors who sponsored this issue in Kimball's memory. Donations may also be made in Kimball's honor to a fund for the revision of his *Checklist of the Birds of New Hampshire*. Please contact me at 224-9909 for more information.

Becky Suomala
Managing Editor

New Hampshire Bird Records (NHBR) is published quarterly by the Audubon Society of New Hampshire (ASNH). Bird sightings are submitted to ASNH and are edited for publication. A computerized printout of all sightings in a season is available for a fee. To order a printout, purchase back issues, or volunteer your observations for *NHBR*, please contact the Managing Editor at 224-9909.

We are always interested in receiving sponsorship for *NH Bird Records*.

If you or a company/organization you work for would be interested, please contact Becky Suomala at 224-9909.

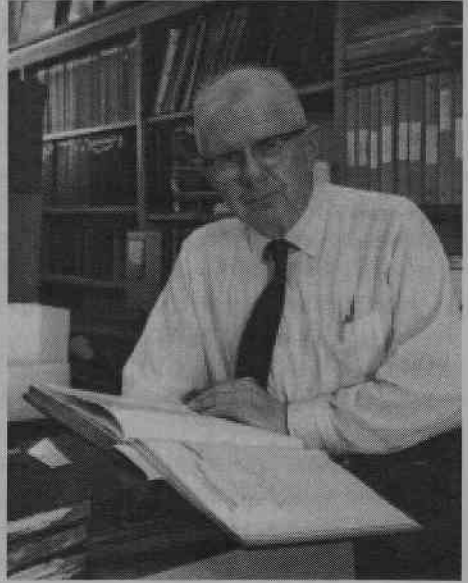
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Dedication

Kimball Elkins, a long-time editor of *New Hampshire Bird Records*, loved birds and birding. He was interested in population trends, and he instilled a love of birds in many people, including those who sponsor this issue in Kimball's memory.



Kimball Elkins at Harvard University in 1970.

In Memoriam

We were so fortunate to have Kimball with us for so long. We began to think that just maybe we could have him here forever, even though we knew deep down it couldn't be so. Suddenly and quietly, Kimball has slipped from our midst.

We are thankful for Kimball's long life, his many contributions to our knowledge, and his example of quiet humility. We rejoice that he was active and alert to the end.

But we miss him and we mourn his passing. Where will we turn in those many situations when the only answer to a puzzling question was the statement "Kimball will know," or the only resolution to a contentious discussion the suggestion "Let's see what Kimball thinks?"

Yet somehow, we know he will be looking over our shoulders when the first Snowy Owl of the winter arrives in Concord, when the Red-shouldered Hawks return in the spring, when we discover a new species nesting in New Hampshire, when the Buff-breasted Sandpipers appear at the sod farm in the fall.

We thank Kimball for being our friend and our mentor.

Carol Foss

What To Report in the Fall Season (August through November)

Which sightings should *New Hampshire Bird Records* reporters submit? There are no hard and fast rules, but here are some guidelines for the fall season.

First, it's important to understand that even though we do not publish all reports, each plays a valuable role in creating an overall picture of a given season. All sightings become part of a database that provides information on bird distribution for research projects, endangered species reports, and other requests for data.

Always report any birds that are unusual for the state or the time of year. We recommend using *A Checklist of the Birds of New Hampshire*, by Kimball C. Elkins, as a reference (available at ASNH). For fall migrants, focus on arrival dates, peak numbers, late lingerers, inland sightings of coastal waterfowl, hawk flights, and shorebird peaks. Late nesting reports are of interest for any species. For the common year-round residents, report unusually high numbers or sightings that indicate a migration (resident birds do migrate in some years).

Reports of species sought by many birders are interesting to all. These are often resident species that are not commonly seen: boreal species like Gray Jay and Spruce Grouse, owls and goatsuckers, or secretive wetland birds such as rails and bitterns. Also, reports of state endangered and threatened species are always valuable for the database.

Reports for the following species were received but do not appear in the listings

American Bittern	American Woodcock	Golden-crowned Kinglet
Mallard	Mourning Dove	Northern Mockingbird
Turkey Vulture	Barred Owl	European Starling
Coopers Hawk	Belted Kingfisher	Common Yellowthroat
Northern Goshawk	Pileated Woodpecker	Indigo Bunting
Red-shouldered Hawk	Eastern Kingbird	Brown-headed Cowbird
Red-tailed Hawk	Blue Jay	Purple Finch
Ruffed Grouse	White-breasted Nuthatch	House Finch
Virginia Rail	Brown Creeper	House Sparrow
Common Snipe		

Sightings of the species listed above occurred in average numbers at expected locations, were discussed in the summaries, or are escaped exotics.

Fall Season

August 1 - November 30, 1997

August started the fall season with relatively cool and wet weather. A low pressure system south of New Hampshire on August 21 brought easterly winds and a few noteworthy pelagic birds along the coast. A frontal system and developing high pressure system on August 29 and 30 brought a good number of nocturnal migrants on the 30th, and peak numbers for several migrant species in Enfield on the 31st.

September was slightly warm and very dry. A frontal system brought strong northwest winds and triggered a good coastal hawk migration on September 21. The last few days of September and the first few days of October brought some easterly winds and a great number of Northern Gannets along the coast.

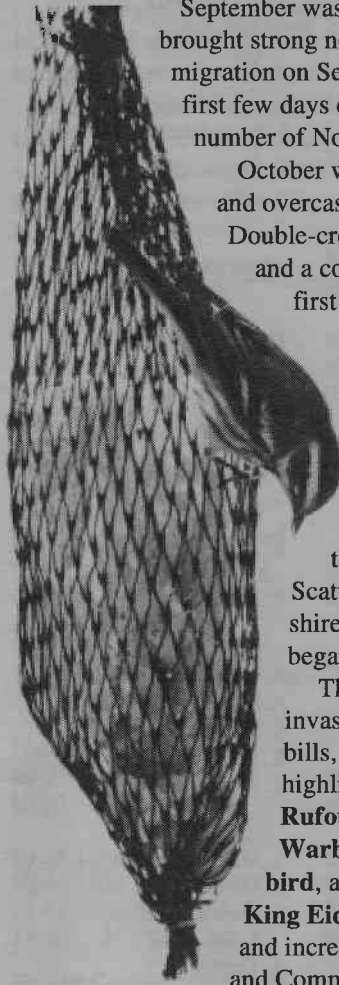
October was cool and very dry again. Moderate easterly winds and overcast skies brought a good number of Caspian Terns and Double-crested Cormorants south along the coast on October 4, and a cool northwest flow on the 28th may have triggered the first big movement of redpolls by the end of the month.

November was a cold and very wet end to the fall season in New Hampshire, with Laconia picking up an incredible 20 inches of snow for the month.

Perhaps for this reason, there were no late lingering birds reported for the month. A strong coastal storm brought some good pelagic birds on November 1, and heavy snow on the 14th covered the state in white for the first time this season.

Scattered reports from central and northern New Hampshire of both Bohemian Waxwings and Pine Grosbeaks began in early November.

The fall of '97 is noteworthy for the start of a winter invasion of Bohemian Waxwings, White-winged Crossbills, Pine Grosbeaks, and Common Redpolls. This fall's highlights include several western strays which included **Rufous Hummingbird, Varied Thrush, Townsend's Warbler, Townsend's Solitaire, Yellow-headed Blackbird, a Greater White-fronted Goose, over-summering King Eiders, a rare inland record of Leach's Storm-Petrel, and incredible one day totals for Ospreys, Caspian Terns, and Common Mergansers.**



Steve Mirick
Fall Editor

Loons through Ibis

Red-throated Loons can be a common migrant along the coast during the fall, but a group of 70 birds on the water off of Jenness Beach in Rye was an unusual sight. Pied-billed Grebes were once again reported in good numbers from traditional locations in the southeastern part of the state in Kingston and Salem. Several inland reports of Red-necked Grebes were quite unusual, highlighted by a very early report of 13 birds from Whitefield on September 4.

Shearwaters are usually pelagic, with only rare sightings from shore. This year they seemed to be feeding closer to shore than usual, and several storms brought sightings of good numbers of both Greater and Manx Shearwaters seen from Ragged Neck in Rye. Just as unusual was the presence of a well-seen Greater Shearwater from a boat in the middle of Great Bay on October 5, under clear skies and calm winds. Northern Gannets, as well, were affected by a few of these coastal storms, with some incredible numbers reported in late September and early October. A **Leach's Storm-Petrel** reported by experienced observers on Lake Winnepesaukee is extraordinary given the inland location and the late date of November 2.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Red-throated Loon				
09-29	1	Rye	Pulpit Rock	D. & T. Donsker
10-20	2	Holderness	Squam Lake	T. Vazzano
10-31	70	Rye	Jenness Beach	S. Mirick
11-01	42	Rye	Ragged Neck	S. Mirick, B. & A. Delorey
11-12	25		NH coast	R. Quinn, W. Urban, R. Woodward
Common Loon				
10-04	40		NH coast	S. Mirick, P. Lacourse, ASNH FT
10-20	30		Squam Lake	T. Vazzano
Pied-billed Grebe				
10-17	15	Salem	World End Pond	K. Folsom
10-18	5	Exeter	Powder House Pond	A. & B. Delorey, BBC FT
10-20	24	Kingston	Powow Pond	S. Mirick
10-24	21	Salem	World End Pond	K. Folsom
11-13	1	Nashua	Salmon Brook at Mass. border	R. Andrews
Horned Grebe				
09-25	3	Newmarket	Great Bay	S. Mirick
10-05	10	Newmarket	Great Bay	S. Mirick
10-07	20	Newmarket	Great Bay	S. Mirick, P. Hunt, M. Suomala
10-11	2	Moultonborough	Squam Lake	A. Groth
10-12	2	Moultonborough	off Long Island, Squam Lake	A. Groth
10-17	17	Newmarket	Great Bay	S. Mirick
10-20	1	Holderness	Squam Lake	T. Vazzano
11-08	2	Enfield	Mascoma Lake	P. Hunt

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
11-09	3	Laconia	Winnisquam Lake	R. Quinn
11-11	6	Rye	n. of Jenness Beach	P. Newbern
11-12	7		NH coast	R. Quinn, W. Urban, R. Woodward

Red-necked Grebe

09-04	13	Whitefield	Cherry Pond	I. MacLeod, V. Volbrecht, J. Kropewnicki, et al.
09-10	1	Shelburne	Androscoggin R. at Reflection Pond	C. Martin
09-21	1	Enfield	Mascoma Lake	S. Mirick, P. Hunt, et al.
09-27	1	Littleton	Moore Reservoir	R. Quinn
10-11	12	Moultonborough	Squam Lake	A. Groth
10-18	6	Newmarket	Great Bay	S. Mirick
11-12	27		NH coast	R. Quinn, W. Urban, R. Woodward
11-13	2	Newbury	Lake Sunapee	P. Newbern
11-28	66		NH coast	A. & B. Delorey

Greater Shearwater

08-05	22	Rye	Jeffrey's Ledge	S. Mirick
08-21	28	Rye	Ragged Neck	A. & B. Delorey
10-05	1	Durham	center of Great Bay	S. & R. Mirick, B. Whittaker
10-27	20	Rye	Ragged Neck	A. & B. Delorey
11-01	122	Rye	Ragged Neck	A. & B. Delorey
11-02	10	Rye	Ragged Neck	A. & B. Delorey

Manx Shearwater

08-05	1	Rye	past Isles of Shoals	S. Mirick
08-21	9	Rye	Rye Harbor St. Pk.	A. & B. Delorey, S. Mirick

Wilson's Storm-Petrel

08-05	30	Rye	Jeffrey's Ledge	S. Mirick
08-21	2	Rye	Ragged Neck	A. Delorey

Leach's Storm-Petrel

11-02	1	Moultonborough	Geneva Pt. Retreat Center, Moultonboro Neck	K. Mills, W. Rasku
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Northern Gannet

08-21	35	Rye	Ragged Neck	A. & B. Delorey
09-27	1200		NH coast, Pulpit Rocks s. to Hampton Beach St. Pk.	D. Donsker
09-29	1898	Rye	Ragged Neck	A. & B. Delorey
10-04	1500	Rye	Ragged Neck	A. & B. Delorey
11-01	480	Rye	Ragged Neck	A. & B. Delorey
11-22	24	Rye	Ragged Neck	A. & B. Delorey, BBC FT

Great Cormorant

08-25	3	Rye	Square Rock	S. Mirick, C. Johnson
09-20	2	Rye	Star Island	A. & B. Delorey, BBC FT
10-20	1	Center Harbor	e. of Moose Is., Squam Lake	T. Vazzano, S. Wiley
11-28	16	Rye	Concord Pt.	A. & B. Delorey

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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Double-crested Cormorant

08-25	285	Rye	Seavey Island	S. Mirick, C. Johnson
09-29	255	Seabrook	mussel beds	A. & B. Delorey
10-04	3356		NH coast	S. Mirick, P. Lacourse, ASNH FT

Great Blue Heron

11-29	1	Columbia	residence	D. & B. Killam
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Great Egret

08-03	1	Concord	Broad Cove	T. Littlefield
08-18	1	Amherst	Thornton Ferry Rd. marsh	D. & L. Flint
08-18	4	Newmarket	Lubberland Marsh off Bay Rd.	S. Mirick
08-21	1	New Boston	Greentree Res. on Chestnut Hill	S. Hallowell
08-23	8		NH coast	R. Vernon, Soo-Nipi FT
08-24	1	Surry	Surry Mtn. Lake, northern wetland	B. Poirier
08-25	1	Londonderry	Auburn Rd. swamp	L. Beardsley
08-26	1	Franklin	Merrimack R.	K. Folsom
08-29	1	Sanbornton	pond	R. Girard
09-15	1	Derry	Ballard Marsh	A. Delorey
10-17	3	Newmarket	off Bay Rd.	S. Mirick

Snowy Egret

08-15	50		NH coast	A. & B. Delorey
08-18	43	Newmarket	Lubberland Marsh off Bay Rd.	S. Mirick
09-14	14	Newmarket	Great Bay	S. Mirick
10-07	1	Hampton Falls	Depot Rd. near old railroad	D. Kirwan
10-07	1	Rye	Odiorne Pt.	P. Hunt, S. Mirick, M. Suomala

Little Blue Heron

09-25	1	Newmarket	off Bay Rd.	S. Mirick
10-07	1	Newmarket	off Bay Rd.	S. Mirick, P. Hunt, M. Suomala

Green Heron

08-05	1	Concord	Rt. 89 at Clinton St.	C. Martin
08-20	4	Monroe	Connecticut River	S. & M. Turner
09-20	1	Hampton	Meadow Pond near High St.	D. Kirwan
10-06	1	Nashua	Nashua R.	R. Andrews

Black-crowned Night-Heron

08-31	1	Hampton	Meadow Pond near High St.	D. Kirwan
09-07	1	Rye	Odiorne Pt. St. Pk.	J. Vernon, Lakes Region Chapter FT
09-14	4	Exeter	Powder House Pond	A. & B. Delorey
09-25	1	Newington	Herods Cove, Great Bay NWR	M. Suomala, S. Mirick
10-06	1	Hampton	Hampton saltmarsh behind Little Jacks	D. Donsker
11-02	1	Newmarket	boat launch on Lamprey R.	S. Mirick

Glossy Ibis

08-25	12	Rye	White Island	S. Mirick
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Waterfowl and Hawks

Waterfowl were once again reported in good numbers, primarily from the seacoast and Great Bay. This year's rarity was a **Greater White-fronted Goose**, which remained into the winter season on Great Bay with the large group of Canada Geese. Gadwall are now being reported nearly every fall, and this year included an unusual report from the northern part of the state in Littleton, where six birds were seen. The fall wigeon population on Great Bay continues to grow: this year's total of 215 American Wigeon is exceptional and perhaps the greatest total ever record in New Hampshire. Not surprising was the presence of three drake **Eurasian Wigeon** with this group. Eurasian Wigeon have been reported from Great Bay every fall since 1994.

Five immature, downy Common Eider were reported on August 15, once again indicated the probable nesting of this species along the New Hampshire seacoast (however, I believe no nests have yet been found). Two over-summering **King Eider** were extraordinary finds, including an immature male from White Island on the Isles of Shoals and a female that was seen from a couple of locations in Portsmouth Harbor. An excellent number of Hooded Mergansers were reported from Winnisquam Lake, where some of them will spend the winter. Once again, a tremendous concentration of Common Mergansers were seen on Lake Umbagog. The total of 2000 seen on November 20 must surely represent the highest total ever recorded in New Hampshire. Ruddy Ducks were once again reported in good numbers from Exeter and Salem, but in contrast to last year, when nearly 300 were reported on Great Bay, this year there were only two birds recorded on the bay.

Hawk migration in general was also very productive. An Osprey migration from Odiorne Point was incredible on September 21, when 122 birds were seen heading south by the point over the course of the day. Osprey are known for their late-day migration, and on this day, most were seen moving south late in the afternoon. Not too many Bald Eagles were reported, but hawk watch data continues to indicate that Bald Eagle numbers in migration are increasing. Four Bald Eagles from Deering on September 17 is a good number of migrants for one day. Cooper's Hawks and Northern Goshawks were widely reported, but with no significant movements. Golden Eagle reports were exceptional this fall, with four sightings of five individuals.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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Mute Swan

11-30	45	Newmarket	Great Bay	S. Mirick
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Greater White-fronted Goose

11-21	1	Stratham	Sandy Point, Great Bay	A. & B. Delorey
11-25	1	Newmarket	Great Bay	S. Mirick
11-30	1	Newmarket	Great Bay	S. Mirick, P. Lacourse, D. Donsker

Snow Goose

10-02	270	Loudon	over residence off Rt. 106	W. & G. Baird
10-02	75	Rye	Odiorne Point	S. Mirick
10-02	150	Lyman	Ogontz Rd.	M. Turner
10-25	22	Greenland	Sunset Farm on Great Bay	S. Mirick

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Snow Goose (continued)				
10-30	6	Jefferson	jct. of Rt. 115A & Israel R.	G. Gavutis
11-28	1	Newmarket	Great Bay	S. Mirick, D. Fotiades, D. Moskoff
11-28	4	Holderness	outlet to Little Squam Lake	J. Williams
Snow Goose - Blue morph				
10-02	1	Rye	Odiorne Point	S. Mirick
Brant				
10-06	4	Newmarket	Great Bay	S. Mirick
11-17	1	Franconia	Echo Lake	T. & B. Richards
11-25	1	Newmarket	Great Bay	S. Mirick
Canada Goose				
08-31	200	Nashua	Rt. 101A near pond behind Bertucci's Restaurant	J. & B. Ayer
09-20	125	Newmarket	Great Bay	S. Mirick
10-06	175	Piermont	Lily Pond	A. & M. Mudge
10-08	100	Columbia	meadow below covered bridge	D. & B. Killam
10-17	1400	Newmarket	Great Bay	S. Mirick
11-25	3000	Newmarket	Great Bay	S. Mirick
Wood Duck				
09-14	12	Exeter	wastewater treatment plant	G. Prazar
09-20	72	Springfield	McDaniels Marsh	P. Hunt, S. Mirick, M. & R. Suomala
09-25	52	Newington	Great Bay NWR	M. Suomala, S. Mirick
09-26	10	Piermont	Lily Pond	A. Mudge
10-19	11	Rye	Eel Pond	R. Aaronian
11-03	21	Moultonborough	Unsworth Preserve	T. Vazzano
11-23	1	Enfield	Mascoma Lake	P. Hunt
Green-winged Teal				
08-23	4	Exeter	wastewater treatment plant	A. & B. Delorey
08-30	11	Hampton	Meadow Pond near High St.	D. Kirwan
09-04	2	Whitefield	Cherry Pond	I. MacLeod
09-14	9	Exeter	wastewater treatment plant	A. & B. Delorey
09-25	45	Newington	Stubbs Pond, Great Bay NWR	M. Suomala, S. Mirick
10-03	40	Newmarket	Great Bay	S. Mirick
10-08	3	Hollis	Flints Pond	R. Andrews
10-17	4	Rye	Eel Pond	C. Federer
American Black Duck				
09-25	200	Newington	Stubbs Pond, Great Bay NWR	M. Suomala, S. Mirick
10-31	37	Hampton	Meadow Pond	D. Kirwan
11-20	40	Littleton	Partridge Lake	S. & M. Turner
Northern Pintail				
09-25	1	Newington	Stubbs Pond, Great Bay NWR	M. Suomala, S. Mirick
10-03	7	Newmarket	Great Bay	S. Mirick
10-04	6	Rye	Odiorne Point	S. Mirick, P. Lacourse, ASNH FT
11-09	1	Laconia	Winnisquam Lake	R. Quinn
11-12	1	Londonderry	Kendall Pond	A. Delorey

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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Blue-winged Teal

08-23	6	Exeter	wastewater treatment plant	A. & B. Delorey
08-30	6	Hampton	Landing Rd.	A. & B. Delorey
09-14	24	Exeter	wastewater treatment plant	A. & B. Delorey
09-25	26	Newington	Stubbs Pond, Great Bay NWR	M. Suomala, S. Mirick
10-01	43	Exeter	Squamscott River	R. Aaronian
10-01	8	Exeter	wastewater treatment plant	R. Aaronian
10-05	42	Exeter	Powder House Pond	A. & B. Delorey
10-12	4	Exeter	Powder House Pond	G. Prazar
10-18	2	Newington	Upper Pevery Pond	P. Hunt, B. Taff
11-02	2	Exeter	Powder House Pond	S. Mirick, R. Quinn, G. Robbins, et al.

Gadwall

10-21	5	Newington	Stubbs Pond, Great Bay NWR	M. Suomala, S. Mirick
10-23	3	Exeter	Powder House Pond	S. Mirick

Eurasian Wigeon

10-23	1	Greenland	Sunset Farm on Great Bay	S. Mirick
10-26	3	Greenland	Sunset Farm on Great Bay	S. Mirick
11-25	3	Greenland	Sunset Farm on Great Bay	T. Vazzano
11-30	1	Newmarket	Great Bay	S. Mirick, P. Lacourse, D. Donsker

American Wigeon

08-23	1	Exeter	wastewater treatment plant	A. & B. Delorey
09-22	2	Rye	Odiorne Point St. Pk.	S. Mirick
10-13	1	Exeter	Squamscott River	R. Aaronian
10-18	45	Newmarket	Great Bay	S. Mirick
10-18	82		Great Bay	P. Hunt, B. Taff
10-22	1	Moultonborough	Unsworth Location	T. Vazzano, B. Bruni
10-23	145	Greenland	Sunset Farm on Great Bay	S. Mirick
10-29	170	Greenland	Sunset Farm on Great Bay	S. Mirick, D. Abbott, D. Green
11-21	215	Greenland	Great Bay	A. & B. Delorey
11-25	1	Derry	Beaver Lake	A. Delorey

Canvasback

11-30	1	Newmarket	Great Bay	S. Mirick, P. Lacourse, D. Donsker
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Ring-necked Duck

08-18	10	Dummer	Pontook Reservoir	T. & B. Richards
10-18	20	Moultonborough	Unsworth Preserve	T. Vazzano
11-06	54	Moultonborough	Unsworth Preserve	T. Vazzano
11-09	61	Gilford	Lily Lake	R. Quinn
11-10	150	Salem	World End Pond	K. Folsom
11-19	18	Concord	Long Pond	P. Niswander

Greater Scaup

10-05	7	Newmarket	Great Bay	S. Mirick
10-18	55	Newmarket	Great Bay	S. Mirick
10-26	100	Greenland	Sunset Farm on Great Bay	S. Mirick
11-15	293		Great Bay	A. & B. Delorey

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Lesser Scaup				
10-05	2	Newmarket	Great Bay	S. Mirick
Common Eider				
08-15	7	Rye	Pulpit Rocks	A. & B. Delorey
King Eider				
08-25	1	Rye	off White and Seavey Is.	S. Mirick, C. Johnson, T. Kiernan, R. Cook, J. Taylor
09-13	1	Portsmouth	Portsmouth Harbor	A. & B. Delorey
09-16	1	New Castle	in Portsmouth Harbor from Fort Stark	S. Mirick
09-24	1	Rye	Fort Stark	S. Mirick
11-12	1	N. Hampton	N. Hampton State Beach	R. Quinn, W. Urban, R. Woodward
11-29	1	N. Hampton	N. Hampton State Beach	D. Donsker, M. Kesch
Oldsquaw				
10-26	8	Greenland	Sunset Farm on Great Bay	S. Mirick
10-27	52	Rye	Ragged Neck	A. & B. Delorey
11-28	79	Rye		A. & B. Delorey
Black Scoter				
09-29	5	Rye	Pulpit Rocks	A. & B. Delorey
10-11	8	Andover	Bradley Lake	D. Skeels
10-11	40	Moultonborough	flying by Yard Is., Squam Lake	A. Groth
10-17	25	Piermont	Lake Tarleton near s. end	T. & B. Richards
10-26	20		Great Bay	A. & B. Delorey
11-01	45	Rye	Ragged Neck	A. & B. Delorey
11-12	50	Hampton	Hampton Beach St. Pk.	R. Quinn, W. Urban, R. Woodward
Surf Scoter				
08-25	1	Rye	Seavey Island	S. Mirick, C. Johnson
10-08	8	Rye	Bass Beach	J. Romano, S. Walker
10-17	5	Piermont	Lake Tarleton near s. end	T. & B. Richards
10-26	3	Greenland	Sunset Landing at Emery Farm	S. Mirick
11-12	125		NH coast	R. Quinn, W. Urban, R. Woodward
White-winged Scoter				
08-05	1	Rye	Jeness Beach	D. & T. Donsker
08-25	3	Rye	Seavey Island	S. Mirick
09-23	15	Hampton	Plaice Cove	R. Aaronian
10-17	1	Piermont	Lake Tarleton near n. end	T. & B. Richards
10-29	5	Greenland	Sunset Farm on Great Bay	S. Mirick, D. Abbott
11-12	100		NH coast	R. Quinn, W. Urban, R. Woodward
11-23	9	Lebanon	above Wilder Dam	D. Crook
Common Goldeneye				
08-02	3	Errol	Long Pond	R. Quinn
10-30	2	Newmarket	Great Bay	S. Mirick
11-15	92		Great Bay	A. & B. Delorey

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Barrow's Goldeneye				
11-28	1	Stratham	Sandy Pt.	D. Donsker
Bufflehead				
10-16	1	Newington	Upper Peverly Pond, Great Bay NWR	M. Suomala
10-23	21	Greenland	off Meloon Rd.	S. Mirick
10-24	10	Salem	Canobie Lake	K. Folsom
11-03	8	Gilmanton	Crystal Lake, Gilmanton Ironworks	W. Arms
11-08	8	Exeter	Powder House Pond	G. Prazar
11-09	8	Moultonborough	Unsworth Preserve	T. Vazzano
Hooded Merganser				
08-05	5	Newmarket	Great Bay	S. Mirick, D. Fotiades
11-09	101	Laconia	Winnisquam Lake	R. Quinn
11-11	10	Chatham	Mountain Pond	T. Richards
11-16	16	Lyman	Dodge Pond	S. & M. Turner
Common Merganser				
08-16	23	Sandwich	Long Pt., Squam Lake	T. Richards
11-09	150	Laconia	Winnisquam Lake	R. Quinn
11-20	2000	Errol	Lake Umbagog	P. & J. Casey
Red-breasted Merganser				
11-11	1	Hebron	cove near Paradise Pt. Natural Area	J. Williams
Ruddy Duck				
10-12	4	Exeter	wastewater treatment plant	G. Prazar
10-15	8	Gilmanton	Crystal Lake, Gilmanton Iron Works	W. Arms
10-23	12	Exeter	wastewater treatment plant	S. Mirick
11-02	25	Exeter	wastewater treatment plant	S. Mirick, et al.
11-08	2	Exeter	Powder House Pond	G. Prazar
11-10	60	Salem	World End Pond	K. Folsom
11-11	4	Hopkinton	Elm Brook Park	R. Woodward
11-11	6	Exeter	wastewater treatment plant	P. Newbern
11-12	1	Rye	Eel Pond	R. Quinn, W. Urban, R. Woodward
11-21	1	Stratham	Sandy Pt.	A. & B. Delorey
Duck sp.				
09-14	900	Newmarket	Great Bay	S. Mirick
Osprey				
09-12	19	Deering	Peter Wood Hill	I. MacLeod
09-16	11	Deering	Peter Wood Hill	I. MacLeod
09-17	13	Deering	Peter Wood Hill	I. MacLeod
09-21	122	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-01	35	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-04	10	Lebanon	Connecticut River	D. Merker, C. Martin
11-05	1	Salem	World End Pond	K. Folsom



Immature Bald Eagle by Iain C. MacLeod

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Bald Eagle				
08-02	6	Errol	Lake Umbagog	D. Stavros, et al.
09-17	4	Deering	Peter Wood Hill	I. MacLeod
09-18	4	Bristol	Little Round Top	S. Fogleman
Northern Harrier				
08-06	6	Whitefield	Whitefield Airport	D. Govatski
08-08	5	Stewartstown	West of North Hill.	P. Serrentino
08-14	2	Rye	Isles of Shoals	C. Martin, R. Suomala, L. Deming
10-07	19	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-08	7	Deering	Peter Wood Hill	I. MacLeod
11-03	1	Errol	Leonard Marsh, Lake Umbagog	C. Martin, P. Casey
11-10	1	Hebron	Hebron Marsh	J. Williams
11-15	2	Stratham	Sandy Pt.	A. & B. Delorey
Sharp-shinned Hawk				
09-14	40	Deering	Peter Wood Hill	I. MacLeod, J. Kropewnicki
09-16	17	Deering	Peter Wood Hill	I. MacLeod
09-17	18	Deering	Peter Wood Hill	I. MacLeod
09-21	88	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-05	12	Peterborough	Pack Monadnock	I. MacLeod
10-07	82	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-08	63	Deering	Peter Wood Hill	I. MacLeod
10-13	41	Deering	East Deering Rd.	I. MacLeod
Broad-winged Hawk				
09-04	8	Sugar Hill	Sunset Hill Rd.	S. & M. Turner
09-08	486	Bristol	Little Round Top	S. Fogleman
09-09	44	Sugar Hill	Sunset Hill Rd.	S. & M. Turner
09-09	1389	Bristol	Little Round Top	S. Fogleman
09-14	224	Deering	Peter Wood Hill	I. MacLeod, J. Kropewnicki
09-17	990	Deering	Peter Wood Hill	I. MacLeod
09-21	60	N. Hampton	residence	D. Donsker

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
09-21	769	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
09-24	50	Middleton	New Portsmouth Rd. residence	S. Snyder
10-01	179	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-07	2	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-11	1	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-13	1	Deering	East Deering Rd.	I. MacLeod
Golden Eagle				
10-02	1	N. Hampton	Woodland Rd.	S. Young
10-07	2	Rye	Pulpit Rocks	S. Mirick, M. Suomala, P. Hunt
10-26	1		Londonderry/Litchfield line	B. Sweisford
11-04	1	Millsfield	Owlhead Mtn.	C. Martin
American Kestrel				
09-17	18	Deering	Peter Wood Hill	I. MacLeod
09-21	29	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-01	22	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-13	8	Deering	East Deering Rd.	I. MacLeod
Merlin				
08-02	5	Wentworths Location	n. end of Long Pond	M.& R. Suomala, R. Quinn
08-02	1	Errol	Rt. 26 east of Errol	M.& R. Suomala, R. Quinn
08-23	1	Exeter	wastewater treatment plant	D.& K. Hughes
08-24	3	Peterborough	Casalis Marsh	F. Von Mertons
08-28	1	Chester	Hillside Haven	B. Delorey
09-16	20	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
09-21	15	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-05	4	Peterborough	Pack Monadnock	I. MacLeod
11-23	1	Enfield	Main St. Pond	P. Hunt
Peregrine Falcon				
08-03	2	Berlin	Crown Vantage mill	C. Martin
08-16	1	Lebanon	Lebanon Airport	J. Koliias
08-20	1	Stratham	Chapman's Landing	D. Hughes
08-20	1	Chester	Derry town line near Harantis L.	J. Barry
08-30	1	Hampton	Rt. 101 marsh	A.& B. Delorey
10-01	6	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-04	5	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-07	5	Rye	Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, K. Murphy
10-09	2	Manchester	City Hall Plaza	C. Martin

Pheasant through Terns

Chukars, Northern Bobwhites, Turkeys, and Ring-necked Pheasants were all reported this fall. The first two species are the result of released birds from game clubs.

Shorebirds were not well-reported, with low numbers of Short-billed Dowichers, Semipalmated and White-rumped Sandpipers. Only Sanderlings and Ruddy Turnstones were reported in decent numbers. An early Buff-breasted Sandpiper and **Marbled Godwit** highlight the list.

An unidentified jaeger on November 1 and a very early immature Black-legged Kittiwake on August 21 were both storm-driven birds along the coast.

The tern reintroduction program on Seavey Island was tremendously successful for a first-year effort. Decoys and sound recordings attracted five pairs of terns to nest on the island, with successful fledging of six young. Rare visitors to the island this fall included both Roseate and Arctic Terns.

On October 4, an organized hawk watch at Odiorne Point State Park turned into a "Caspian Tern watch" for many birders who witnessed an extraordinary migration of 30 **Caspian Terns** taking place throughout the day. Groups of between one and six birds migrated south along the coast, hugging the shoreline on easterly winds. Some were so close that binoculars were not needed.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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Ring-necked Pheasant

10-17	2	Hudson	Robinson Rd.	J. & L. Kigley
11-28	1	Wentworth	residence	A. Ports

Wild Turkey

08-08	16	Jefferson	jct. of Rt. 115 & Hazen Rd.	D. Govatski
08-21	21	Walpole	Merriam Rd.	R. Ritz
09-09	18	Lisbon	Lyman Rd.	S. & M. Turner
09-11	10	New London	Pingree Rd.	A. & R. Vernon
09-19	10	Goshen	Brook Rd.	P. Newbern
09-27	16	Walpole	Wentworth Rd. corn field	G. & H. Beck
10-23	26	Goshen	Rand House	G. Stansfield
11-13	11	Newbury	along Rt. 103A	P. Newbern
11-30	13	Gilsum	Hammond Hollow	M. Wright

Northern Bobwhite

08-20	7	Henniker	near residence	R. Hardy
09-01	1	Allenstown	residence	M. Collins
11-17	1	Jaffrey	residence feeder	B. LaFreniere

Chukar

Sept-Oct	16	Benton	Tunnel Brook Rd.	E. Nutt
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Sora

10-26	1	Exeter	Powder House Pond	S. Mirick, D. Hughes
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American Coot

10-08	2	Rye	Eel Pond	J. Romano, S. Walker
10-13	5	Rye	Eel Pond	R. Aaronian
10-13	5	Holderness	Cairnes Cove, Squam Lake	A. Groth

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
10-20	32	Kingston	Powow Pond	S. Mirick
10-21	30	Newington	Stubbs Pond, Great Bay NWR	M. Suomala, S. Mirick
10-21	6	Exeter	wastewater treatment plant	R. Aaronian
10-21	30	Newington	Great Bay NWR	S. Mirick, M. Suomala
10-24	8	Exeter	Powder House Pond	D. Donsker
11-05	25	Salem	World End Pond	K. Folsom

Black-bellied Plover

08-23	25	Seabrook	mud flats	R. Vernon, Soo-Nipi Chapter FT
09-21	1	Exeter	wastewater treatment plant	G. Prazar
10-21	21	Seabrook	Blackwater R. near Rt. 286	M. Suomala
11-12	4	Hampton	mouth of Hampton R.	R. Quinn, W. Urban, R. Woodward

American Golden-Plover

09-06	1	Exeter	wastewater treatment plant	M. Suomala, P. Hunt, ASNH FT
09-24	1	Rye	Odiorne Point	S. Mirick
10-07	1	Rye	Odiorne Pt.	P. Hunt, S. Mirick, M. Suomala

Semipalmated Plover

08-21	400	Hampton	Hampton Beach St. Pk.	A. & B. Delorey
09-21	4	Exeter	wastewater treatment plant	G. Prazar
10-19	15	Rye	NH coast	S. Mirick

Killdeer

09-03	18	Laconia	Lexington Dr.	H. Anderson
09-25	49	Newington	Gosling Rd. by Air National Guard	M. Suomala
10-07	32	Newfields	along Rt. 108	R. Quinn, F. Sladen
10-10	28	Chester	Hillside Haven	B. Delorey
10-22	2	Hollis	Flints Pond	R. Andrews

Greater Yellowlegs

10-01	7	Exeter	wastewater treatment plant	R. Aaronian
10-19	60	Newmarket	off Bay Rd.	S. Mirick
10-31	32	Hampton	Meadow Pond	S. Mirick
11-05	5	Salem	World End Pond	K. Folsom
11-07	1	Exeter	wastewater treatment plant	R. Aaronian
11-12	1	Rye	Rye Harbor	R. Quinn, W. Urban, R. Woodward

Lesser Yellowlegs

08-07	2	Hampton	Landing Rd.	T. Vazzano
09-16	6	Rye	Rye Harbor	D. Donsker
09-25	50	Newmarket	off Bay Rd.	S. Mirick
10-15	4	Exeter	wastewater treatment plant	D. Donsker
10-19	3	Newmarket	off Bay Rd.	S. Mirick

Solitary Sandpiper

08-15	2	Laconia	Laconia Country Club	H. Anderson
08-17	2	Lebanon	near Mascoma Lake dam	P. Hunt
08-26	1	Goffstown	gravel pit pond off New Boston Rd.	J. Doherty
09-17	1	Derry	wastewater treatment plant	A. Delorey
09-27	1	Newington	Great Bay NWR	A. & B. Delorey

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Willet				
08-23	1	Seabrook	mud flats	R. Vernon, Soo-Nipi Chapter FT
Spotted Sandpiper				
08-06	9	Derry	wastewater treatment plant	A. Delorey
09-17	4	Derry	wastewater treatment plant	A. Delorey
09-21	2	Center Harbor	Chamberlain-Reynolds Forest	T. Vazzano, B. Bruni
Whimbrel				
08-09	6	Seabrook	mussel beds	A. & B. Delorey
08-21	6	Rye	Ragged Neck	A. & B. Delorey
Hudsonian Godwit				
09-06	1	Seabrook	Hampton Harbor	M. Suomala, P. Hunt, ASNH FT
Marbled Godwit				
08-09	1	Seabrook	mussel beds in harbor	A. & B. Delorey
Ruddy Turnstone				
08-02	20	Rye	White Is., Isles of Shoals	C. Martin, D. Brown
08-06	20	Rye	Isles of Shoals	C. Martin, A. Cook
08-15	14	Rye	Foss Beach	A. & B. Delorey
08-21	20	Rye	Ragged Neck	A. & B. Delorey
09-20	12	Hampton	Plaice Cove	R. Aaronian
Red Knot				
08-23	1	Seabrook	mud flats	R. Vernon, Soo-Nipi Chapter FT
Sanderling				
08-15	130	Rye	Rye Beach	A. & B. Delorey
09-19	134	Rye	beach at Ocean Blvd. & Washington Rd.	D. Donsker
09-20	87	Hampton	Plaice Cove	R. Aaronian
11-12	44	Rye	Jeness Beach	R. Quinn, W. Urban, R. Woodward
Semipalmated Sandpiper				
09-23	125	Hampton	Plaice Cove	R. Aaronian
10-17	1	Rye	Ragged Neck	S. Mirick
Western Sandpiper				
08-07	1	Hampton	Landing Rd.	T. Vazzano
08-18	1	Durham	Adams Point	S. Mirick
08-23	1	Rye	pool opposite Odiorne Pt.	A. & B. Delorey
08-30	1	Rye	Odiorne Pt. St. Pk.	A. & B. Delorey
09-06	1	Hampton	Landing Rd.	D. & T. Donsker
Least Sandpiper				
08-09	1	Lebanon	near Mascoma Lake dam	P. Hunt
08-12	20	Salem	World End Pond	K. Folsom
08-16	14	Rye	White Is., Isles of Shoals	C. Martin, R. Suomala, L. Deming
08-20	1	Monroe	Connecticut River	S. & M. Turner

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
09-04	3	Whitefield	Cherry Pond	I. MacLeod, V. Volbrecht, J. Kropewnicki, et al.
09-04	8	Jefferson	Little Cherry Pond	I. MacLeod, V. Volbrecht, J. Kropewnicki, et al.
09-20	5	Hampton	Plaice Cove	R. Aaronian
09-30	2	Jefferson	Little Cherry Pond	C. Martin

White-rumped Sandpiper

08-07	1	Seabrook	Hampton Harbor	T. Vazzano
09-05	1	Rye	Foss Beach	A. & B. Delorey
09-29	1	Seabrook	mussel beds	A. & B. Delorey

Pectoral Sandpiper

09-06	2	Rye	near Seal Rocks	M. Suomala, P. Hunt, ASNH FT
09-23	2	Hampton	Landing Rd. pools	D. Donsker
10-07	1	Hampton	Hampton Beach salt marshes	P. Hunt, S. Mirick, M. Suomala

Purple Sandpiper

10-27	5	Rye	Ragged Neck	A. & B. Delorey
11-28	14	Rye		A. & B. Delorey
11-29	2	Rye	Seal Rocks	D. Donsker, M. Resch

Dunlin

09-23	1	Hampton	Landing Rd. pools	D. Donsker
10-18	80	Seabrook	mussel beds	A. & B. Delorey, BBC FT
11-12	6	Enfield	Main St. Pond	T. Bickells

Buff-breasted Sandpiper

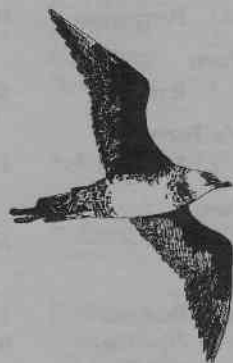
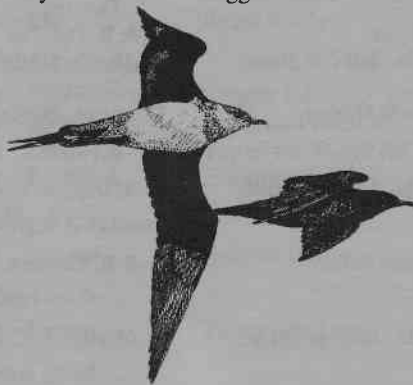
08-04	1	Newington	Pease Golf Course driving range	M. Suomala, J. Graham
09-16	1	Rye	e. side of Rt. 1A s. of Odiorne Pt.	S. Mirick

Short-billed Dowitcher

08-07	22	Hampton	Landing Rd.	T. Vazzano
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Jaeger sp.

11-01	1	Rye	Ragged Neck	S. Mirick, A. Delorey
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*Parasitic and Pomarine Jaegers by Iain C. Macleod.
See article on page 41 for more on Jaegers.*

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Laughing Gull				
08-21	7	Rye	Ragged Neck	A. & B. Delorey
08-30	3	N. Hampton	N. Hampton beach	A. & B. Delorey, D. Kirwan
10-04	4	Rye	Rt. 1A Isles of Shoals pullout	A. & B. Delorey
11-01	1	Rye	Ragged Neck	S. Mirick, B. Delorey
Bonaparte's Gull				
08-05	100	Rye	Odiorne Point St. Pk.	S. Mirick
09-03	1	Jefferson	Cherry Pond	T. Richards
09-05	50		between Portsmouth Harbor and ocean	G. Gavutis
09-05	59	Rye	Concord Pt.	A. & B. Delorey
09-05	78	Rye	Jeness Beach	A. & B. Delorey
10-05	1	Enfield	Mascoma Lake	P. Hunt, J. Barg
10-17	230	Rye	Seal Rocks & Rye Harbor St. Pk.	C. Federer
11-09	6	Laconia	Winnisquam Lake	R. Quinn
Iceland Gull				
11-01	1	Rye	Ragged Neck	S. Mirick
11-07	1	Rye	Ragged Neck	S. Mirick
11-23	1	Epsom	Rt.4 rest stop	R. Woodward
11-28	1	Newmarket	Great Bay	S. Mirick, D. Fotiades, D. Moskoff
Black-legged Kittiwake				
08-21	1	Rye	Ragged Neck	S. Mirick, A. & B. Delorey
11-01	11	Rye	Ragged Neck	S. Mirick, B. & A. Delorey
Caspian Tern				
10-04	1	Rye	Pulpit Rocks	A. & B. Delorey
10-04	30	Rye	NH coast, Odiorne Pt. St. Pk.	S. Mirick, P. Lacourse, A. Maley, A. Kimball, et al.
Roseate Tern				
08-05	1	Rye	Seavey Is., Isles of Shoals	C. Martin, A. Cook
Common Tern				
08-14	28	Rye	Seavey Is., Isles of Shoals	C. Martin, R. Suomala, L. Deming
09-05	70	Seabrook	mussel beds	A. & B. Delorey
09-16	36	Rye	Seavey Is., Isles of Shoals	C. Martin, R. Suomala, L. Deming
09-22	13	Portsmouth	Portsmouth Harbor	S. Mirick, D. Hughes
Arctic Tern				
08-05	2	Rye	Seavey Is., Isles of Shoals	C. Martin, A. Cook
Forster's Tern				
08-23	1	Seabrook	Blackwater River	A. & B. Delorey
Least Tern				
08-08	1	Rye	Seavey Is., Isles of Shoals	C. Martin, A. Cook
Black Tern				
mid-Aug.	1	Dummer	Pontook Reservoir	D. Paulus
09-12	1	New Castle	back channel of Piscataqua River	D. Hughes

Alcids through Shrike

A Black Guillemot seen by an experienced observer up the Piscataqua River in Newington on the early date of August 29 is one of the most unusual records of the fall. A **Long-eared Owl** remained for a day in Concord, and the only Snowy Owl reported came from inland.

Rufous Hummingbird has now been reported in four out of the last five falls in New Hampshire! This is remarkable since Massachusetts has just recently documented its first record ever. All records are of male birds, which is fortunate since females are much more difficult to identify.

Gray Jays are very local in their high elevation distribution in New Hampshire's White Mountains and also from Errol and Pittsburg. Dave Govatski proved what some hiking in the mountains can do with sightings of 11 birds within three days in the Crawford Notch area. Relatively few Red-breasted Nuthatches were reported, but there was at least a small invasion this year and a conservative count of 85 along a trail in Center Harbor. A good crop of white pine cones from northern New Hampshire may be part of the reason.

Red-bellied Woodpeckers were well-reported again, and a **Three-toed Woodpecker** was reported for the second year in a row from the White Mountains. A **Western Kingbird** was photographed at the Pease International Tradeport on September 22 for the first record in the state since 1993, and a **Townsend's Solitaire** was extraordinary from Galehead Mountain on October 6. This represents the first fall record and only about the fourth record for the state. Only slightly more common was a **Varied Thrush** photographed at a feeder in Bedford.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Razorbill				
11-28	1	Rye	Concord Pt.	A. Delorey
Black Guillemot				
08-29	1	Newington	upper Piscataqua R.	M. & M. Amaral, M. Bartlett
11-28	7	Rye	Pulpit Rocks	A. & B. Delorey
Black-billed Cuckoo				
08-02	1	New London	Pingree Rd.	R. Vernon
08-03	1	Gilsum	Hammond Hollow	M. Wright
08-06	1	Sandwich	Top of the World Rd.	A. Delorey
08-12	1	Bradford	Fairgrounds Rd.	N. Whittier
Yellow-billed Cuckoo				
08-12	1	Chester	Hillside Haven	A. & B. Delorey
Snowy Owl				
11-15	1	Lyman	Tinkerville Store	C. Clark
Long-eared Owl				
11-23	1	Concord	Franklin St.	E. Shear, D. Kimball, C. Lewis, C. Nelson, E. MacLellan

Northern Saw-whet Owl

09-13	1	Exeter	residence	G. Prazar
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Common Nighthawk

08-20	21	Lisbon	Ammonoosuc River	S. Turner
08-25	50	Monroe	over village	Mr. & Mrs. Heater
08-26	40	Manchester	Amoskeag Fishways	I. MacLeod
08-27	50	Concord	residence	R. Woodward
08-31	24	Tamworth	Lake Chocorua	C. & J. Tewksbury
09-14	3	Merrimack	Merrimack Landfill	S. Mirick

Chimney Swift

09-07	250	Nashua	Main St. near Methodist Church	J. & B. Ayer
09-14	3	Merrimack	Merrimack Landfill	S. Mirick

Ruby-throated Hummingbird

09-28	1	Haverhill	Beech St.	M. Mullen
10-08	1	Nashua	Deerhaven Dr.	R. Andrews

Rufous Hummingbird

08-18	1	E. Kingston	Willow Rd.	E. Oechsle, D. Finch, D. Abbott
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Red-headed Woodpecker

08-22	1	Hudson	Derry Rd. at Litchfield line	T. Malloon
08-24	1	Hudson	Derry Rd. at Litchfield line	J. & L. Kegley

Red-bellied Woodpecker

09-17	1	Nashua	Spit Brook Rd.	A. Delorey
10-18	1	Stratham	Sandy Pt.	A. & B. Delorey, BBC FT
10-24	1	Hopkinton	Straw Rd.	N. Harris
11-14	1	Bradford	Craig Islands Rd: feeder	N. Whittier
11-14	1	Londonderry	Raintree Dr.	T. & D. Murray
11-21	1	Center Harbor	Tuttle Rd.	T. Vazzano
11-25	1	Concord	Mountain Rd.	S. Morrison
11-26	2	Raymond	Lincoln Drive	E. Makin
11-29	1	Sandwich	Thompson WS	T. Vazzano

Yellow-bellied Sapsucker

08-03	4	Gilsum	Hammond Hollow	M. Wright
10-01	2	Nashua	Deerhaven Dr.	R. Andrews
10-02	2	Rye	Odiorne Point	S. Mirick
10-12	2	N. Hampton	residence	D. & T. Donsker

Downy Woodpecker

08-03	1	Rye	White Is., Isles of Shoals	C. Martin, D. Brown
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Three-toed Woodpecker

08-06	1	Bethlehem	Mt. Tom area, n. of Avalon Trail at 2800'	J. Batt
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Black-backed Woodpecker

08-03	1	Errol	Long Pond clearcut	C. Martin, J. Doherty
10-13	1	Beans Grant	ridge between Mt. Webster & Mt. Jackson	D. Govatski

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Northern Flicker				
09-17	5	Chester	Hillside Haven	B. Delorey
09-25	13	Newington	Great Bay NWR	M. Suomala, S. Mirick
Olive-sided Flycatcher				
08-26	1	Peterborough	residence	F. Von Mertons
08-31	1	Enfield	Shaker Bridge	P. Hunt
Eastern Wood-Pewee				
09-22	1	Rye	Odiorne Point State Park	S. Mirick
09-25	1	Newington	Great Bay NWR	M. Suomala, S. Mirick
Yellow-bellied Flycatcher				
08-03	1	Dummer	Chickwolnepy Rd.	M. & R. Suomala
08-17	1	Enfield	Main St. Pond	P. Hunt
08-29	1	Newbury	residence	P. Newbern
09-13	1	Rye	Star Island	A. & B. Delorey
Alder Flycatcher				
08-03	4	Dummer	Chickwolnepy Rd.	M. & R. Suomala
Trail's Flycatcher				
09-04	3	Sandwich	Chicks Corner	T. Vazzano
Least Flycatcher				
08-06	1	Gilsum	Hammond Hollow	M. Wright
Eastern Phoebe				
09-04	15	Sandwich	Chicks Corner	T. Vazzano
10-18	3	Middleton	New Portsmouth Rd. residence	S. Snyder
10-21	2	Newington	Great Bay NWR	M. Suomala, S. Mirick
Great Crested Flycatcher				
10-05	1	Newbury	Hay NWR	P. Newbern
Western Kingbird				
09-22	1	Portsmouth	fence bordering Pease Int'l Tradeport near Pease Golf Course	S. Mirick
Horned Lark				
11-03	75	Durham	fields off Rt. 155A	S. Mirick
11-08	22	Hampton	Hampton Beach St. Pk.	A. & B. Delorey
11-20	13	Rye	Rye Harbor	R. Aaronian
Purple Martin				
08-08	1	Kensington	Rt. 107 residence	G. Gavutis
Tree Swallow				
08-09	600	Hampton	Landing Rd.	A. & B. Delorey
08-23	500	Hampton Falls	Depot Rd.	R. Vernon, Soo-Nipi Chapter FT
09-30	1	Jefferson	Little Cherry Pond	C. Martin
Cliff Swallow				
09-24	1	Rye	Fort Stark	S. Mirick

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Barn Swallow				
09-02	10	Nashua	Deerhaven Dr.	R. Andrews
09-14	1	Enfield	Oak Grove Cemetery	D. Crook
10-06	1	Exeter	wastewater treatment plant	T. Vazzano
10-18	1	Exeter	wastewater treatment plant	P. Hunt, B. Taff
Gray Jay				
08-01	1	Errol	Magalloway River	C. Martin, R. Cook
10-11	5	Livermore	Nancy Pond	D. Govatski
10-13	2	Beans Grant	Mizpah Hut	D. Govatski
10-13	2	Beans Grant	Mt. Webster summit	D. Govatski
10-13	2	Beans Grant	Mt. Jackson summit	D. Govatski
11-04	1	Millsfield	Moose Pond	C. Martin
11-04	2	Cambridge	Androscoggin R. at Bear Brook outlet	C. Martin
11-05	1	Errol	Rt. 16 s. of Seven Islands Bridge	K. Dube
American Crow				
11-17	1200	Lebanon	Rt. 120 near hospital	P. Hunt
Fish Crow				
10-20	1	Salem	Canobie Lake	S. Mirick
Common Raven				
09-13	28	Peterborough	Pack Mondanock	S. Mirick, M. Suomala, et al.
Black-capped Chickadee				
08-23	1	Newbury	Village Rd.	S. Markie
11-30	1	Goffstown	Cinnamon Dr.	H. & R. Anderson
Boreal Chickadee				
08-03	2	Errol	Long Pond clearcut	C. Martin, J. Doherty
08-09	5	Harts Location	Webster-Jackson Trail	D. Govatski
09-09	2	Cambridge	Mollidgewock Brook	C. Martin
10-02	1	Lancaster	Gore Rd./Garland Rd.	G. Gavutis
10-11	2	Livermore	Nancy Pond	D. Govatski
10-18	4	Sargents Purchase	Davis Path	C. & J. Tewksbury
11-04	4	Millsfield	Moose Pond outlet	C. Martin
Tufted Titmouse				
10-25	1	Haverhill	Court St. residence	T. Estill
10-30	1	Columbia	residence	D. & B. Killam
Red-breasted Nuthatch				
09-21	85	Center Harbor	Chamberlain-Reynolds Forest	T. Vazzano, B. Bruni
11-08	10		Lower Mascoma Lake	P. Hunt
Carolina Wren				
08-25	1	Nashua	Clovercrest Dr.	M. & B. Harris
09-20	1	Rye	Star Island	A. & B. Delorey, BBC FT
10-26	2	Ashland	Mill Pond	J. Williams
11-30	1	Ashland	Mill Pond	J. Williams
House Wren				
09-25	1	Newington	Great Bay NWR	S. Mirick, M. Suomala
10-04	1	Hopkinton	Elm Brook Park	R. Woodward

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Marsh Wren				
08-18	1	Dummer	Pontook Reservoir	T. & B. Richards
10-07	1	Durham	Packers Falls Rd. Marsh	P. Hunt, S. Mirick, M. Suomala
10-19	1	Exeter	Powder House Pond	D. Donsker, Seacoast Chapter FT
Ruby-crowned Kinglet				
09-08	2	Sandwich	Diamond Ledge Rd.	T. Vazzano
09-25	5	Newington	Great Bay NWR	M. Suomala, S. Mirick
10-05	6	Windham	residence	J. Romano
10-10	15	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-14	5	Gilsum	Hammond Hollow	M. Wright
11-03	1	Gilsum	Hammond Hollow	M. Wright
Blue-gray Gnatcatcher				
08-17	1	Madbury	Chase Farm, Nute Rd.	T. & L. Chase
08-19	1	Hudson	Musquash CA	A. Delorey
09-25	1	Newington	Great Bay NWR	M. Suomala, S. Mirick
10-08	1	Rye	Odiorne Pt. St. Pk.	J. Romano, S. Walker
Eastern Bluebird				
09-13	15	Haverhill	residence	T. & P. Estill
09-14	10	Sugar Hill	Sunset Hill Rd.	S. & M. Turner
10-01	15	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-23	1	Enfield	Main St. Pond	P. Hunt
11-29	5	Nashua	Broad St.	R. Andrews
Townsend's Solitaire				
10-06	1	Franconia	Galehead Mtn., Frost Trail	S. Ricketts, C. Kingery
Veery				
09-24	1	Holderness	Rockywold-Deephaven Camp, Squam Lake	R. Suomala, J. Kanter, D. Brauning, T. Hodgeman
10-07	2	Durham	Packers Falls Rd. marsh	P. Hunt, S. Mirick, M. Suomala
Swainson's Thrush				
09-19	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
09-27	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
09-27	1	Nashua	Deerhaven Dr.	R. Andrews
09-29	1	Canterbury	Baptist Hill Rd.	R. Quinn
Hermit Thrush				
10-06	8	Gilsum	Hammond Hollow	M. Wright
10-16	5	Pembroke	residence	K. Palfy
10-19	7		Lower Mascoma Lake	P. Hunt
10-24	2	Weare	Clough St. Pk.	M. Suomala
10-28	1	Salisbury	Mountain Rd.	L. Deming, S. Gage
11-03	1	Gilsum	Hammond Hollow	M. Wright
Wood Thrush				
09-24	1	Holderness	Rockywold-Deephaven Camp, Squam Lake	R. Suomala, J. Kanter, D. Brauning, T. Hodgeman
10-06	1	Nashua	Deerhaven Dr.	R. Andrews

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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American Robin

10-21	72	Newington	Great Bay NWR	M. Suomala, S. Mirick
10-25	100	New London	County Rd.	H. Curtiss
10-28	550	Newmarket	off Bay Rd.	S. Mirick
10-29	103	Gilsum	Hammond Hollow	M. Wright
11-27	12	Sandwich	Bearcamp Rd.	T. Vazzano

Varied Thrush

11-19	1	Bedford	Hearthside Circle residence	K. Mandeville, et al.
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Thrush sp.

08-30	56	Newbury	residence	P. Newbern
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Gray Catbird

10-01	1	Canterbury	Baptist Hill Rd.	R. Quinn
10-24	1	Nashua	Spit Brook Rd.	A. Delorey
11-04	1	Nashua	Spit Brook Rd.	A. Delorey

Brown Thrasher

08-30	2	Nashua	Mines Falls - Nashua Mall area	B. & M. Harris
09-27	1	Rye	Star Island	A. & B. Delorey
10-18	1	Troy	near Troy Elementary School	P. Newbern

American Pipit

09-14	7	Farmington	Little Blue Job Mtn.	J. Kanter
10-05	20	Haverhill	Bedell Bridge	A. & B. Taffe, et al.
10-16	140	Durham	Rt. 155A fields	M. Suomala
10-26	12	Exeter	wastewater treatment plant	A. & B. Delorey
11-15	3	Greenland	Great Bay	A. & B. Delorey

Bohemian Waxwing

11-07	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-08	19	Berlin	Corner Bridge & Hutchins St.	K. Dube
11-17	15	Gorham	Jimtown Rd. residence	J. Brown, J. Ely
11-18	9	Franconia	Catholic Church	S. & M. Turner
11-23	3	Plymouth	Rt. 25 n. of town	M. Collins
11-28	55	Holderness	Plymouth St. College fieldhouse	J. Williams, S. & W. Fogelman
11-29		Canterbury	Southwest Rd.	M. Robinson

Cedar Waxwing

08-24	52	Peterborough	residence	F. Von Mertons
09-18	50	Middleton	New Portsmouth Rd. residence	R. & S. Snyder
10-22	50	Middleton	New Portsmouth Rd. residence	S. Snyder
10-28	73	Gilsum	Hammond Hollow	M. Wright
11-03	150	Laconia	Wildwood Dr.	H. Anderson
11-05	75	Canterbury	Canterbury Center	R. Quinn
11-18	80	Sutton	Rt. 89 rest area	C. Martin
11-24	120	Chester	Hillside Haven	A. & B. Delorey

Northern Shrike

10-31	1	Canterbury	Schoodac Meadow	R. Quinn
11-06	1	Sandwich	Whiteface Intervale	T. Vazzano
11-21	1	Canterbury	Riverland Conservation Area	R. Quinn
11-23	1	Enfield	Main St. Pond	P. Hunt
11-25	1	Durham	Packers Fall's Road	S. Mirick

Vireos through Towhee

A nocturnal count of warblers showed a great flight on August 30, with over 1000 chip notes counted in four hours of listening. This same weekend resulted in high fall totals from a few locations for Red-eyed Vireos, Nashville Warblers, Black-throated Green Warblers, and Blackburnian Warblers.

A reported Golden-winged Warbler was a rare find from Bristol on September 4, although it may have been a "Brewster's" Warbler hybrid by the description given. The **Townsend's Warbler** is the third record for the state (see article on page 44) and stayed for several weeks at a feeder in Conway, feeding on suet and insects that it could find. This western warbler has a pattern of showing up in the East during late fall and early winter. Other rarities included an Orange-crowned Warbler along the coast on October 7, and a Connecticut Warbler from the Great Bay National Wildlife Refuge on September 25.

Late warbler sightings included a Bay-breasted Warbler on October 5, a Black-throated Blue Warbler on Halloween day, a very late Mourning Warbler on October 8, and mid-October records of Nashville Warbler and Magnolia Warbler, both of which won't be back next spring after meeting their demise against plate-glass windows.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Blue-headed Vireo				
09-04	2	Sandwich	Chicks Corner	T. Vazzano
09-25	3	Newington	Great Bay NWR	M. Suomala, S. Mirick
09-30	4		Lower Mascoma Lake	P. Hunt
10-01	3	Sandwich	Thompson WS	T. Vazzano
10-15	2	Newbury	residence	P. Newbern
Yellow-throated Vireo				
09-07	1	Newbury	residence	P. Newbern
09-15	1	Derry	Ballard Marsh	A. Delorey
Warbling Vireo				
09-04	1	Sandwich	Chicks Corner	T. Vazzano
09-20	1	Rye	Star Island	A. & B. Delorey, BBC FT
Philadelphia Vireo				
09-14	1	Enfield	Main St. Pond	P. Hunt
09-24	1	Holderness	Rockywood-Deephaven Camp, Squam Lake	R. Suomola, J. Kanter, D. Brauning, T. Hodgeman
09-24	1	Rye	Odiorne Point State Park	S. Mirick
09-27	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-01	1	Sandwich	Thompson WS	T. Vazzano
Red-eyed Vireo				
08-31	17		Lower Mascoma Lake	P. Hunt
09-04	6	Sandwich	Chicks Corner	T. Vazzano
09-07	10	Newbury	residence	P. Newbern
10-07	2	Rye	Odiorne Point State Park	S. Mirick, P. Hunt, M. Suomala
Golden-winged Warbler				
09-04	1	Bristol	residence	V. Wright

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Tennessee Warbler				
08-31	2	Enfield	Lower Mascoma Lake	P. Hunt
09-14	1	Enfield	Lower Mascoma Lake	P. Hunt
Orange-crowned Warbler				
10-07	1	Rye	Odiorne Pt. St. Pk.	P. Hunt, S. Mirick, M. Suomala
Nashville Warbler				
09-01	5	Sandwich	Diamond Ledge Rd.	T. Vazzano
09-27	2	Rye	Star Island	A. & B. Delorey
10-04	2	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-07	1	Rye	Odiorne Point	S. Mirick
10-14	1	Concord	Amoskeag Rd.	P. & D. Niswander
10-15	1	Newbury	residence	P. Newbern
10-23	1	Haverhill	Beech St., Woodsville	M. Mullen
Northern Parula				
09-17	3	Chester	Hillside Haven	B. Delorey
10-04	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-04	1	Rye	Odiorne Point	S. Mirick, ASNH FT
10-07	1	Rye	Odiorne Point State Park	S. Mirick, P. Hunt, M. Suomala
Yellow Warbler				
08-08	4	Rye	Seavey Is., Isles of Shoals	C. Martin, A. Cook
09-07	1	Newbury	residence	P. Newbern
Chestnut-sided Warbler				
08-23	2	Gilsum	Hammond Hollow	M. Wright
08-29	2	Newbury	residence	P. Newbern
09-05	2	Pembroke	residence	K. Palfy
09-08	2	Gilsum	Hammond Hollow	M. Wright
09-20	1	Newbury	residence	P. Newbern
Magnolia Warbler				
09-27	3	Sandwich	Diamond Ledge Rd.	T. Vazzano
09-27	8	Rye	Star Island	A. & B. Delorey
10-01	8	Sandwich	Thompson WS	T. Vazzano
10-04	1	Rye	Odiorne Point	S. Mirick, ASNH FT
10-11	1	Laconia	Wildwood Rd.	H. Anderson
Black-throated Blue Warbler				
09-21	4	Center Harbor	Chamberlain-Reynolds Forest	T. Vazzano, B. Bruni
09-28	2	Middleton	Wood Pond near New Portsmouth Rd.	S. Snyder
10-02	3	Rye	Odiorne Point	S. Mirick
10-04	4	Newington	Great Bay NWR	A. & B. Delorey
10-11	1	Greenfield	North Pack Monadnock	R. Andrews
10-13	2	Rye	Odiorne Point State Park	S. Mirick
10-31	1	Rye	off Harbor Rd.	S. Mirick
Yellow-rumped Warbler				
09-22	30	Moultonborough	Unsworth Preserve	T. Vazzano, B. Bruni
09-30	48		Lower Mascoma Lake	P. Hunt
10-11	135	Newington	Great Bay NWR	A. & B. Delorey
11-23	1	Enfield	Main St. Pond	P. Hunt
11-28	1	Wentworth	residence	A. Ports

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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Townsend's Warbler

early Nov. 1		Bartlett	Rt. 16A residence	E. & G. Ellis, C. Lewey, D. Abbott
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Black-throated Green Warbler

08-31	12		Lower Mascoma Lake	P. Hunt
09-07	5	Newbury	residence	P. Newbern
09-25	4	Newington	Great Bay NWR	M. Suomala, S. Mirick
09-27	4	Rye	Star Island	A. & B. Delorey
10-07	1	Rye	Odiorne Point State Park	S. Mirick, P. Hunt, M. Suomala
10-13	1	Rye	Odiorne Point St. Pk.	S. Mirick

Blackburnian Warbler

08-31	6		Lower Mascoma Lake	P. Hunt
09-20	5	Newbury	residence	P. Newbern

Pine Warbler

09-17	13	Pembroke	residence	K. Palfy
10-04	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-05	1	Newbury	Hay NWR	P. Newbern
10-05	2	Windham	residence	J. Romano

Prairie Warbler

09-20	3	Rye	Star Island	A. & B. Delorey, BBC FT
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Palm Warbler

09-07	2	Rye	Odiorne Pt. St. Pk.	J. Vernon, Lakes Region Chapter FT
09-22	4	Moultonborough	Unsworth Preserve	T. Vazzano, B. Bruni
09-27	4	Rye	Star Island	A. & B. Delorey
10-01	11	Sandwich	Thompson WS	T. Vazzano
10-04	7	Newington	Great Bay NWR	A. & B. Delorey
10-06	6	Nashua	Spit Brook Rd.	A. Delorey
10-24	3	Weare	Clough St. Pk.	M. Suomala

Bay-breasted Warbler

08-03	1	Low & Burbanks	Grant Jefferson Notch Rd.	M. & R. Suomala
09-22	1	Moultonborough	Unsworth Preserve	T. Vazzano, B. Bruni
09-24	1	Rye	Odiorne Point State Park	S. Mirick
10-05	1	Windham	residence	J. Romano

Blackpoll Warbler

09-13	2	Rye	Star Island	A. & B. Delorey
09-17	5	Chester	Hillside Haven	B. Delorey
10-02	4	Rye	Odiorne Point	S. Mirick
10-07	2	Rye	Odiorne Point State Park	S. Mirick, P. Hunt, M. Suomala

Black-and-white Warbler

10-05	1	Windham	residence	J. Romano
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American Redstart

08-23	2	Exeter	residence	A. & G. Prazar
09-20	3	Rye	Star Island	A. & B. Delorey, BBC FT
09-25	3	Newington	Great Bay NWR	M. Suomala, S. Mirick
10-02	4	Rye	Odiorne Point	S. Mirick
10-07	1	Rye	Odiorne Point State Park	S. Mirick, P. Hunt, M. Suomala

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Ovenbird				
09-24	2	Holderness	Rockywoold-Deephaven Camp, Squam Lake	R. Suomala, T. Hodgeman, J. Kanter, D. Brauning
Northern Waterthrush				
09-25	1	Newington	Great Bay NWR	M. Suomala, S. Mirick
Connecticut Warbler				
09-25	1	Newington	Great Bay NWR	S. Mirick
Mourning Warbler				
08-28	1	Columbia	residence	D. & B. Killam
10-08	1	Nashua	Deerhaven Dr.	R. Andrews
Wilson's Warbler				
09-07	4		Lower Mascoma Lake	P. Hunt
09-27	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
09-27	2	Rye	Star Island	A. & B. Delorey
10-04	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
Canada Warbler				
08-09	1	Columbia	Fish Pond Rd.	D. Killam
08-12	2	Lancaster	Wesson Rd.	D. Skeels
09-27	1	Rye	Star Island	A. & B. Delorey
Warbler sp.				
08-26	42	Newbury	residence	P. Newbern
08-30	1032	Newbury	residence	P. Newbern
Scarlet Tanager				
09-13	4	Sandwich	Diamond Ledge Rd.	T. Vazzano
09-24	1	Holderness	Rockywoold-Deephaven Camp, Squam Lake	R. Suomala, D. Brauning, J. Kanter, T. Hodgeman
09-25	1	Newington	Great Bay NWR	M. Suomala, S. Mirick
10-04	1	Rye	Odiorne Point	S. Mirick, ASNH FT
Northern Cardinal				
11-04	1	Millsfield	Millsfield Pond boat ramp	C. Martin
11-05	1	Columbia	residence	D. Killam
11-12	1	Berlin	Argonne St.	K. Dube
Rose-breasted Grosbeak				
09-14	9		Lower Mascoma Lake	P. Hunt
09-27	1	Rye	Star Island	A. & B. Delorey
Dickcissel				
08-15	1	Rye	Seavey Is.	R. Suomala, L. Deming
Eastern Towhee				
09-18	1	Concord	residence	R. Woodward
10-23	1	Kensington	Rt. 107 residence	G. Gavutis
11-11	1	Peterborough	Union St.	M. & R. Johnson

Sparrows, Blackbirds, and Finches

An early migrant Dickcissel was found on Seavey Island on the Isles of Shoals on August 15, and a very cooperative **Lark Sparrow** was found in Exeter on October 18. It stayed long enough to be seen by many observers.

The answer to the riddle of sharp-tailed sparrows in New Hampshire continues to unfold with the reports again of at least two subspecies of Nelson's Sharp-tailed sparrows from the coastal marshes. It appears that Nelson's can be common in October, locally, along the New Hampshire coastline. The report of at least one adult and one juvenile Nelson's Sharp-tailed Sparrow from Great Bay, however, may indicate nesting in the state. The confusion with Salt-marsh Sharp-tailed Sparrow is very easy to make, and observers should take careful note.

A young male **Yellow-headed Blackbird** was an unusual find at a feeder in Wakefield and was cooperative enough to be video-taped by the home-owner! It was clearly an invasion fall for winter finches, with great numbers of Pine Grosbeaks, White-winged Crossbills, Pine Siskins, and Common Redpolls. Most of the reports came from inland and northern New Hampshire, with relatively few reports from the seacoast. With this many reports of Common Redpolls, it comes as little surprise that two **Hoary Redpolls** were also reported.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
American Tree Sparrow				
10-21	1	Newington	Great Bay NWR	M. Suomala
10-24	2	Exeter	Powder House Pond	D. Donsker
11-02	3	Ashland	Mill Pond	J. Williams
11-07	3	Sandwich	Upper Rd.	T. Vazzano
11-10	2	Chester	Hillside Haven	A.& B. Delorey
11-13	3	Peterborough	Union St.	M.& R. Johnson
11-18	6	Gilsum	Hammond Hollow	M. Wright
11-21	4	Berlin	Argonne St.	K. Dube
Chipping Sparrow				
10-04	32	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-20	1	Nashua	Clovercrest Dr.	B.& M. Harris
Field Sparrow				
10-08	5	Middleton	New Portsmouth Rd.	S. Snyder
10-21	10	Newington	Great Bay NWR	M. Suomala, S. Mirick
10-24	1	Exeter	Powder House Pond	D. Donsker
Vesper Sparrow				
09-28	2	Newington	Pease AFB	D. Donsker
10-07	1	Newington	end of runway	R. Quinn, F. Sladen
10-07	1	Portsmouth	Pease Int'l Tradeport	P. Hunt
Lark Sparrow				
10-18	1	Exeter	Powder House Pond	A.& B. Delorey, T. Young, BBC FT
10-19	1	Exeter	Powder House Pond	D. Donsker, Seacoast Chapter FT

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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Sharp-tailed Sparrow sp.

10-07	7	Hampton	marsh behind Sunpoint Condos	D. Donsker
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Saltmarsh Sharp-tailed Sparrow

10-07	2	Hampton	Hampton Beach salt marshes	P. Hunt, S. Mirick, M. Suomala
10-07	1	Hampton	marsh behind Sunpoint Condos	D. Donsker
10-17	1	Newmarket	off Bay Rd.	S. Mirick
10-17	1	Stratham	Chapmans Landing	S. Mirick
11-02	1	Exeter	Powder House Pond	S. Mirick, R. Quinn, G. Robbins, et al.

Nelson's Sharp-tailed Sparrow

08-19	1	Stratham	Chapmans Landing saltmarshes	S. Mirick
08-20	2	Stratham	Chapmans Landing saltmarshes	S. Mirick, P. Hunt
08-28	1	Stratham	Chapmans Landing saltmarshes	S. Mirick
10-07	8	Hampton	marsh behind Sunpoint Condos	D. Donsker
10-09	2	Hampton	Hampton marsh	T. Vazzano
10-17	6	Hampton	Hampton saltmarshes	S. Mirick

Fox Sparrow

10-09	1	Lempster	Goshen-Lempster Coop. School	P. Newbern
10-24	3	Weare	Clough St. Pk.	M. Suomala
10-24	3	Newbury	Stoney Brook WS	C. Martin
10-27	2	Gorham	Jimtown Rd. residence	J. Brown
10-27	3	Concord	residence	R. Woodward
10-30	2	Derry	Ballard Marsh	A. Delorey
11-01	2	Middleton	New Portsmouth Rd. residence	S. Snyder
11-02	2	Newbury	residence	P. Newbern
11-03	2	New London	Pingree Rd.	A. & R. Vernon
11-04	2	Gilsum	Hammond Hollow	M. Wright
11-25	2	Nashua	Clovercrest Dr.	B. & M. Harris

Song Sparrow

11-30	1	Wentworth	residence	A. Ports
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Lincoln's Sparrow

09-25	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
09-25	1	Newington	Great Bay NWR	M. Suomala, S. Mirick
09-25	1	Chester	Hillside Haven	A. & B. Delorey
09-27	2	Rye	Star Island	A. & B. Delorey
09-30	2	Jefferson	Cherry Pond	S. Mirick, P. Mueller
10-02	1	Gilsum	Hammond Hollow	M. Wright
10-02	1	Rye	Odiorne Point	S. Mirick
10-03	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-07	1	Derry	Ballard Marsh	A. Delorey
10-16	1	Nashua	Spit Brook Rd.	A. Delorey

Swamp Sparrow

10-01	6	Sandwich	Thompson WS	T. Vazzano
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White-throated Sparrow

10-04	27	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-05	28	New London	Pingree Rd.	A. & R. Vernon
10-24	25	Weare	Clough St. Pk.	M. Suomala
10-28	12	Gilsum	Hammond Hollow	M. Wright

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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White-crowned Sparrow

09-22	1	Moultonborough	Unsworth Preserve	T. Vazzano, B. Bruni
09-24	1	Canterbury	Riverland Conservation Area	R. Quinn
09-25	1	Newington	Great Bay NWR	S. Mirick
10-04	20	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-11	9		Lower Mascoma Lake	P. Hunt
10-16	12	Peterborough	Union St.	M. & R. Johnson
10-24	5	Weare	Clough St. Pk.	M. Suomala

Dark-eyed Junco

09-18	20	Peterborough	Union St.	M. & R. Johnson
10-08	35	Rye	Odiorne St. Pk.	J. Romano, S. Welker
10-16	40	Nashua	Spit Brook Rd.	A. Delorey
10-18	50	Newbury	residence	P. Newbern
10-19	100	Middleton	New Portsmouth Rd. residence	R. & S. Snyder
10-21	32	Mont Vernon	residence	M. Suomala
10-28	40	Gilsum	Hammond Hollow	M. Wright
10-29	85	Henniker	residence	R. Hardy

Dark-eyed Junco - Pink-sided subsp.

10-16	1	Nashua	Spit Brook Rd.	A. Delorey
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Lapland Longspur

09-24	1	Portsmouth	Pease Golf Course	S. Mirick
10-16	1	Durham	Rt. 155A fields	M. Suomala
10-31	1	Rye	Ragged Neck	T. Vazzano
11-02	1	Exeter	wastewater treatment plant	S. Mirick, et al.

Snow Bunting

10-31	30	Hampton	Hampton Beach St. Pk.	T. Vazzano
11-01	30	Rye	Ragged Neck	A. & B. Delorey
11-02	45	Hampton	Hampton Beach St. Pk.	A. & B. Delorey
11-09	30	Exeter	wastewater treatment plant	G. Prazar
11-11	30	Rye	Odiorne Pt. St. Pk.	P. Newbern
11-24	8	Sandwich	Whiteface Intervale	T. Vazzano

Bobolink

08-06	9	Clarksville	east of Clarksville Pond	C. Martin, J. Doherty
09-30	1	Enfield	Main St. Pond	P. Hunt

Red-winged Blackbird

11-03	400	Durham	fields off Rt. 155A	S. Mirick
11-29	1	Wentworth	residence	A. Ports

Eastern Meadowlark

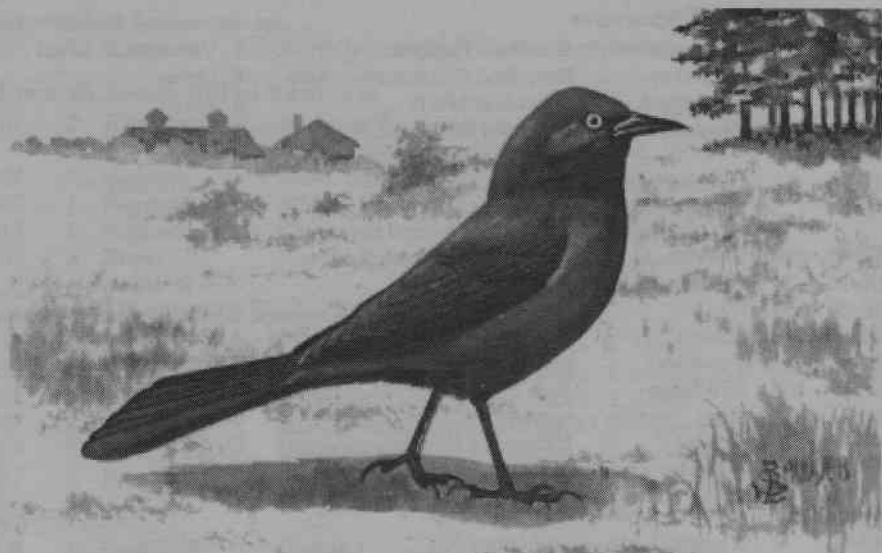
09-09	6	Hollis	Dow Rd.	B. & M. Harris
09-28	4	Chester	Hillside Haven	A. & B. Delorey

Yellow-headed Blackbird

09-25	1	Wakefield	Beech St.	K. Connell
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Rusty Blackbird

09-22	10	Moultonborough	Unsworth Preserve	T. Vazzano, B. Bruni
10-07	6	Derry	Ballard Marsh	A. Delorey
10-30	2	Derry	Ballard Marsh	A. Delorey
11-27	3	Lancaster	Wesson Rd.	D. Skeels



Common Grackle by E. J. Sawyer

Common Grackle

08-05	400	N. Hampton	residence	D. & T. Donsker
09-16	200	New London	Pingree Rd.	A. & R. Vernon
10-16	1000	Derry	Ballard Marsh	A. Delorey
10-18	300	Windham	residence	J. Romano
10-23	1200	Chester	Hillside Haven	B. Delorey
10-24	1000	Hudson	Griffin Rd. near Robinson Pond	J. & L. Kigley
11-17	1	Columbia	residence	B. Killam

Baltimore Oriole

08-18	5	Derry	Ballard Marsh	A. Delorey
09-27	2	Rye	Star Island	A. & B. Delorey

Pine Grosbeak

11-03	11	Tamworth	Tall Pines Rd. residence	J. Tewksbury
11-04	8	Millsfield	Millsfield Pond	C. Martin
11-06	10	Canterbury	Baptist Rd.	R. Quinn
11-08	6	Lebanon	near Mascoma Lake dam	P. Hunt
11-09	27	Wentworth	residence	A. & C. Ports
11-11	19	Lyman	Tinkerville Store	S. & M. Turner
11-12	13	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-15	13	Stratford	VFW hall, North Stratford	B. & D. Killam
11-18	12	Whitefield	Rt. 3	R. Woodward
11-20	8	Berlin	Argonne St.	K. Dube
11-25	6	Goshen	Brook Rd.	P. Newbern

Red Crossbill

08-05	2	Enfield	Rt. 4 residence	P. Hunt
09-06	2	Lisbon	Lyman Rd. & Rte 302 jct.	S. & M. Turner
11-12	2	Sandwich	Diamond Ledge Rd.	T. Vazzano, M. Vernon
11-17	12	Tamworth	Tall Pines Rd. residence	J. Tewksbury

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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White-winged Crossbill

Nov.	150	Madison	Eidelweiss district	J. Hadam
09-04	12	Lyman	Ogontz Rd.	S. & M. Turner
10-28	15	Plymouth	Beech Hill Rd. & Pine Gate Rd.	J. & R. Williams
11-11	15	Derry	Beaver Lake	A. Delorey
11-12	2	Rye	Odiorne Pt. St. Pk.	R. Quinn, W. Urban, R. Woodward
11-12	12	Berlin	Argonne St.	K. Dube
11-21	20	Lyman	Dodge Pond	S. & M. Turner
11-27	50	Sandwich	Rt. 113A & Wing Rd.	T. Vazzano, R. Bennett
11-27	24	Tamworth	Great Hill Rd.	B. Steele

Common Redpoll

10-04	1	Columbia	residence	D. & B. Killam
10-28	102	Newbury	Mt. Sunapee St. Pk. beach	C. Martin
10-31	100	Kensington	Towle Hill power line	G. Gavutis
11-02	55	Ashland	Mill Pond, Squam River	J. Williams
11-06	75	Sandwich	Whiteface Intervale	T. Vazzano
11-07	135	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-07	75	Lyman	Dodge Pond	S. & M. Turner
11-08	54	Enfield	Main St. Pond	P. Hunt
11-15	150	Chester	Hillside Haven	A. & B. Delorey
11-26	122	Gorham	Jimtown Rd. residence	J. Brown

Hoary Redpoll

11-08	1	Sandwich	Whiteface Intervale	T. Vazzano
11-30	1	Sandwich	Thompson WS	T. Vazzano

Pine Siskin

10-07	9	Columbia	residence	D. & B. Killam
10-24	143	Lebanon	near Mascoma Lake dam	P. Hunt
10-25	11	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-26	25	Middleton	New Portsmouth Rd. residence	R. & S. Snyder
11-16	12	Canterbury	Baptist Hill Rd.	R. Quinn
11-23	25	Gilsum	Hammond Hollow	M. Wright

American Goldfinch

08-28	75	Henniker	residence	S. Byfield
11-12	32	Gilsum	Hammond Hollow	M. Wright

Evening Grosbeak

08-24	32	Warren	town hall	A. Ports
09-04	40	Lyman	Hurd Hill Rd.	S. & M. Turner
10-12	34	Middleton	residence	S. Snyder
10-20	32	Concord	Audubon House, Silk Farm WS	C. Martin, R. Suomala
10-23	22	Newbury	Stoney Brook WS	C. Martin
10-27	20	Gorham	Jimtown Rd. residence	J. Brown
10-28	30	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-29	5	Hampton	High St. residence	D. Kirwan
10-29	30	Concord	Ames Dept. Store, Storrs St.	C. Martin
10-29	35	Raymond		E. Makin
11-17	13	Gilsum	Hammond Hollow	M. Wright

Fall 1997 New Hampshire Hawk Watch Summary

By Susan A. Fogleman

The passage of weather systems that generally permit observers to witness the migration of diurnal birds of prey were generally lacking this fall. Instead, a relatively stable air mass produced excellent conditions for soaring hawks to travel at altitudes too high to be seen against clear blue skies.

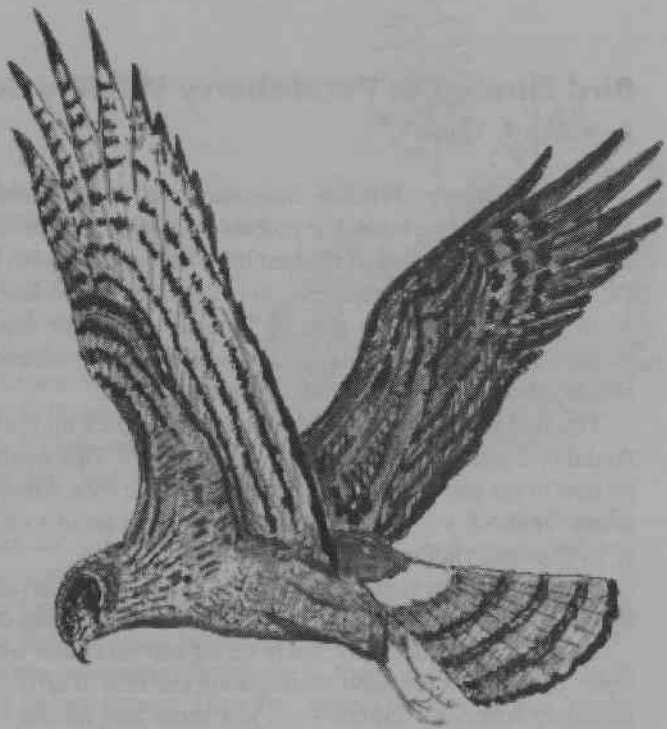
A total of 8352 migrating hawks were reported from around the state in the period from September 1 through October 22. Of this number, 6223 were Broad-winged Hawks. These numbers seem relatively low, as counts of 6000 in one day have been seen at some New Hampshire locations under certain conditions. The biggest flights occurred on September 9 at Little Round Top in Bristol (1389 Broad-winged) under conditions which frequently result in good flights there—i.e., light to moderate east to east-northeast winds ahead of a low pressure system over Ohio. Deering and Pack Monadnock saw the next decent flight (224 and 383 Broad-winged, respectively) on September 14 under a large, stable air mass. With a high pressure system right on top of the state, Deering and Round Top saw the next good flight on September 17, with 990 at Deering and 274 at Round Top. Blue Job reported 271 on September 18. September 21 brought moderate to strong west to northwest winds, drifting hawks toward the coast, where 769 Broad-winged were tallied at Odiorne, along with 122 Ospreys. Odiorne benefited from similar conditions on October 1, when strong offshore winds drove 179 late Broad-wings and another 25 Ospreys by observers there.

Researchers have been gaining a better understanding of the dynamics of hawk migration through the efforts of volunteer observers. Here in New Hampshire, research has begun to shine light on many previously-unanswered questions. It is because of this research that we have a keener awareness of the effect of weather patterns on the flight paths. The old “textbooks” are being rewritten in regard to hawk flights here in northern New England. Still, some pieces of our New Hampshire jigsaw puzzle remain to be filled in, and probably the most important is Blue Job Mountain in Farmington. We pretty much know what produces good flights along the coast and at some of the inland sites, but very little data has been collected from Blue Job. What has been collected is tantalizing. For example, during autumn of 1997, only two partial days were logged on that hill, a total of 7.3 hours. For the time invested, observers logged 50 hawks per hour, the greatest ratio of all sites. We predict that Blue Job could produce some of the highest totals of hawks, especially Broad-winged Hawks, of any site in the state. Had it received coverage on September 14 and 17, New Hampshire’s total for the season might have been doubled!

Fourteen of the 33 Bald Eagles recorded this season were seen at Round Top, Deering had five, and Odiorne saw three. Round Top saw three of the six Golden Eagles reported this fall at hawk watch sites, with one bird seen in Meredith and two more at Odiorne. Some other species totals for the season included 382 Ospreys, 803 Sharp-shinned Hawks, and 270 American Kestrels.

Susan Fogleman is the New Hampshire Coordinator for NorthEast Hawk Watch and the Northeast Region Editor for the Hawk Migration Association of North America.

Northern Harrier
by Iain C. MacLeod



Volunteer Hawk Watchers Wanted

New Hampshire Hawk Watch 1998, organized by the NorthEast Hawk Watch in conjunction with the Audubon Society of New Hampshire.

Susan Fogleman and Iain MacLeod (NorthEast Hawk Watch board members) are organizing a coordinated hawk watch this fall to help understand more fully hawk migration paths and numbers in New Hampshire. Volunteers are needed to watch at chosen locations from 8:30 A.M. to 5:00 P.M. during the month of September.

The six locations are Lebanon Airport in Lebanon, Little Round Top in Bristol, Peter Wood Hill in Deering, Pack Monadnock in Peterborough, Blue Job Mountain in Farmington, and Odiorne Point in Rye. Each location will have a site leader who will work closely with volunteers and coordinate the gathering of information.

If you are interested in participating in this exciting project or would like more information, contact Iain MacLeod at 529-1532.

NorthEast Hawk Watch Tri-annual Conference

April 4 saw a mass arrival of raptor enthusiasts to Southboro, Connecticut for the tri-annual NorthEast Hawk Watch (NEHW) conference. Excellent presentations on hawk migration studies at Hawk Mountain, accipiter nesting in Connecticut, captive breeding of Bald Eagles, and Snowy Owl banding at Logan Airport were some of the highlights of a wonderful conference. Keep your eye out for information on the next conference. For details about NEHW call Iain MacLeod at 529-1632.

Bird Finding at Pondicherry Wildlife Sanctuary

By Robert A. Quinn

The Pondicherry Wildlife Sanctuary and its immediate vicinity has a greater diversity of breeding birds than probably any other similar-sized area in the entire state. It is also potentially one of the best inland migration spots. Over the years, more than 180 species have been seen here, including over 50 species of water birds. Besides the birding, Pondicherry has several features that make it a wonderful destination—scenery, relatively easy walking, and isolation. It's small enough that it can be covered in a day, but it has enough variety for many visits.

The first step in visiting Pondicherry is to pick up the sanctuary guide from the Audubon Society of New Hampshire in Concord. This small brochure has information on how to get there, its history, and a map of the area. Armed with this guide and your insect repellent, you are ready to head out. It is about a one-and-one-half-hour drive from Concord via Franconia Notch.

The best time to visit Pondicherry is between ice-out (usually in April) and freeze up in November. It is convenient to divide that time span down into three segments.

Ice-out through late May: Early spring can vary from wintry to quite pleasant. The water birds and a few land migrants are the first to arrive. Loons, grebes, herons—including American Bittern—and just about any species of waterfowl are possible. Unusual spring birds have included Black Tern, Dunlin, Short-billed Dowitcher, and Orange-crowned Warbler.

Late May through mid-July: With warm weather, a rush of land bird migrants is likely—the rails arrive and the shorebirds pass through. Under the right conditions birding can be wonderful. On May 27, 1997, I recorded 95 species at Pondicherry. Twenty species of warblers were the highlights—including 25 Nashville, 42 Magnolia, one Cape May, 26 Black-throated Blue, 52 Yellow-rumped, 28 Black-throated Green, 17 Ovenbird, 12 Blackburnian, 10 Bay-breasted, two Mourning, 14 American Redstart, and two Wilson's. Not to be overshadowed were 16 Yellow-bellied Sapsucker, one Gray Jay, one "Gray-cheeked" Thrush, one Philadelphia Vireo, one Rusty Blackbird, and 15 White-winged Crossbill. That was all before noon. As June bursts out, the insects become more of a problem (before that the cold keeps them at bay) and the voices of the frogs compete with those of the wetland birds, but this is the peak of the land bird breeding season. Territorial birds are easier to track down than migrants, so if you have the time and patience, you should be able to find such hard-to-see nesting species as Cape May Warbler, Yellow-bellied Flycatcher, Ruby-crowned Kinglet, Northern Waterthrush, and Canada Warbler. Northern finches are possible almost any time and any place. A visit to the wetlands at dawn or dusk should result in a chorus of Common Snipe, Sora, Virginia Rail, American Bittern, Marsh Wren, Barred Owl, and possibly even a Long-eared Owl.

Mid-July through freeze up: By the middle of July, the land birds are starting to wander and the water birds are migrating (especially the shore birds). Yellowlegs, Solitary and Least Sandpipers are common, and more unusual late summer visitors have included Pectoral Sandpiper, Northern Shoveler, Bonaparte's Gull, and Common

Tern. By August, the warblers are moving in significant numbers—Pondicherry can be a fantastic place in early fall for a large concentration of neotropical migrants. On August 13, 1978, Bob Bradley had high counts of 25+ Nashville Warblers, 20 American Redstarts, 50+ Common Yellowthroats, and 40+ Canada Warblers. On September 4, 1978, he recorded 11 Red-eyed Vireos, 15+ Tennessee Warblers, 200+ Magnolia Warblers, and 8 Bay-breasted Warblers.

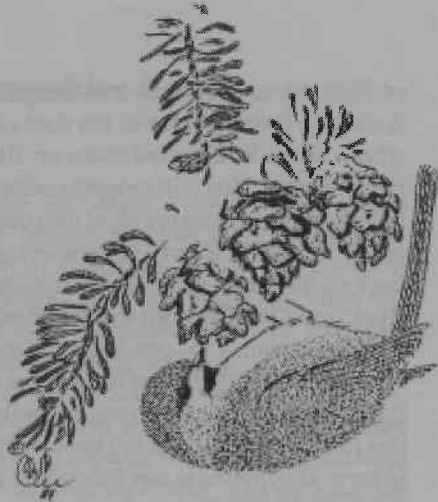
As fall wanes, the ducks and geese come through, and a good variety and numbers are possible almost any time. Grebes and scoters are regular and some rarities have included Great Cormorant, Rough-legged Hawk, and Red Phalarope.

Year round residents: Some interesting species can be found at anytime time of the year. There are records for Spruce Grouse, Gray Jay, Boreal Chickadee, and Black-backed Woodpecker, with the woodpecker normally being the most common (but not a sure thing). The grouse, jay, and chickadee may be more likely in fall and winter than other times of the year.

There are two common approaches to Pondicherry.

The Loop:

Most birders start at the Whitefield Airport. This is a major grassland and has Meadowlarks, Bobolinks, Northern Harrier, Savannah Sparrows, Killdeer, and even an Upland Sandpiper in 1997. Across the road from the airport is the Fish and Game Department's Airport Marsh—a pond and marsh that has a good variety of water birds such as American Bittern, Virginia Rail, Hooded Merganser, Wood Duck, Greater Yellowlegs, etc. During migration this entire area is excellent for open country birds such as sparrows, larks, pipits, and the hawks that prey on them. After thoroughly covering the airport, look for a somewhat obscure cinder road that goes beyond the last hangar. Drive or walk this old railroad bed. You'll pass a small pond on the right (look for ducks), through the conifers (excellent during migration—an Orange-crowned Warbler was here in May of 1997), to where the cinder road ends. From here walk along the railroad tracks about ten minutes to Waumbek Junction and the refuge sign. Birding along the tracks can be good as the habitat is quite varied. The time of day when you reach the Junction should determine where you go next. If it is still relatively early in the morning, take the right-hand track (due to be removed sometime soon) and go several hundred yards until a cattail marsh appears on your right and a shrub swamp and bog open up on your left. The water level is controlled by the beavers, but this is the wetland where a Common Moorhen and Least Bittern were found during the summer



Boreal Chickadee
by Susan A. Fogleman

of 1997. More common birds should be Virginia Rail, Sora, Snipe, Marsh Wren, and American Bittern. Many of the ducks and geese frequent this wetland, and it is the site where Sedge Wrens used to occur. Back track to the Junction and go down the other railroad track. You will cross the outlet of Big Cherry Pond (watch for ducks and shore birds), and then there is a short trail that goes into the woods on the right. This trail goes along the edge of Cherry Pond where you can scan from sheltered locations. It emerges back on the tracks in about five minutes. From there, you get a panoramic view across Big Cherry Pond toward the Presidential Range.

After scanning the pond again (a scope is essential), continue down the railroad for a few minutes. Watch on the left for a fairly obvious but unmarked trail. This leads through the woods about one-half mile to Little Cherry Pond. Part of the woods along this trail is composed of tall tamaracks, and it is possible to have many boreal species in here. The footing is wet for a while, and then you enter the bog around Little Cherry. Follow the trail to its end at an old beaver lodge at edge of the pond. But approach slowly so you will not flush any ducks or scare any moose or deer away. Carefully scan the pond and enjoy this peaceful and scenic spot. Little Cherry is very different in character from Big Cherry, with lots of emergent plants and usually more ducks. You have to backtrack out to the railroad from Little Cherry. This route should take four or five hours but can be done in less.

The Alternative:

A little longer but a more pleasant access is from Hazen Road along an abandoned railroad grade. Hazen Road is also called the Airport Road, since it passes through the Airport and connects with Route 115. The beginning of the trail is opposite a large wood to energy plant (you cannot miss it) where Hazen Road changes from dirt to pavement, as you approach from Route 115 (or pavement to dirt as you leave the Airport). There is a snowmobile bridge at the beginning of this trail and then some huge spruce and fir trees that almost always harbor something of interest. The walking is easy but there may be some wet spots in spring. The habitat varies from thick evergreen woods to mixed to cut-over. You pass several small brooks and a power line, which provides even more variety. After about a mile you come out at Waumbek Junction. From here follow directions for the loop.

During a breeding bird study at Pondicherry in 1997, I was surprised by how much we still do not know about its bird life—even though it has been studied off and on for over 100 years. You can help increase our knowledge by submitting your records to ASNH. You can also learn what to expect at Pondicherry by reading *New Hampshire Bird Records* and by obtaining a new checklist for Pondicherry that should be available by the time this article is published.

Make the effort to visit Pondicherry and you will be rewarded. Few days in the field can be better than a day in this marvelous area, with its wealth of bird life and scenery. Watching the golden glow of sunset on the Presidential Range reflecting off the waters of Big Cherry Pond while a loon calls is a wonderful way to end a day of birding.

Storm-birding on the New Hampshire Coast

By Alan Delorey

Conventional wisdom has always held that a "nor'easter" (a storm with strong northeasterly winds) should bring a flight of pelagic seabirds close to the New Hampshire shore for land-bound birders to enjoy. Based on my own observations during numerous storms over the past several years, I am beginning to question this position. It has been my observation that better flights of pelagic species are seen from the New Hampshire shore during storms with southeasterly winds.

Let me cite a few examples to back up this radical idea. On Saturday, October 21, 1995, my wife and I were scheduled to lead a field trip along the New Hampshire seacoast. A low pressure system and frontal line were approaching New England from the Midwest. The wind started to blow out of the east on Friday, and by Saturday morning, a steady 20–30 m.p.h. southeast wind was howling. Observing from Pulpit Rocks, an elevated bluff along the rocky shore in Rye, we tallied 5000 Northern Gannets, four Manx Shearwaters, and two Parasitic Jaegers.

On August 21, 1997, a coastal low pressure system with 15–20 m.p.h. southeasterly winds produced a flight of 28 Greater Shearwaters, nine Manx Shearwaters, 35 Northern Gannets, two Wilson's Storm-Petrels, six Laughing Gulls, and one Black-legged Kittiwake.

On September 29, 1997, a trough of low pressure along the coast with modest southeasterly winds at 10–15 knots brought 1898 Northern Gannets to the New Hampshire shoreline, but no jaegers or shearwaters. Although the wind direction was favorable, it was not quite strong enough to really move pelagic seabirds.

On October 27, 1997, a storm with moderate ESE winds pushed 29 Red-throated Loons, 65 Northern Gannets, 20 Greater Shearwaters, and 52 Oldsquaw into the New Hampshire coast.

On November 1, 1997, a low pressure system with strong southeasterly winds produced a flight of 480 Northern Gannets, 122 Greater Shearwaters, an unidentified jaeger species, and several Black-legged Kittiwakes.

In contrast, on November 8, 1997, a low pressure system with strong northeasterly winds produced only a handful of Northern Gannets and no jaegers or shearwaters on the New Hampshire coast. This same storm produced many notable birds at nearby Cape Ann, Massachusetts, including 503 Greater Shearwaters, one Manx Shearwater, five Leach's Storm-Petrels, 1252 Northern Gannets, eight Pomarine Jaegers, one Parasitic Jaeger, 781 Black-legged Kittiwakes, three Dovekies, 128 Razorbills, and 10 Black Guillemots.

Another nor'easter struck on November 22, 1997, with 20–30 m.p.h. northeasterly winds, but produced only two dozen Northern Gannets and no other species of note on the New Hampshire coast.

My theory on this phenomenon is that birds that are feeding at Jeffrey's Ledge and Stellwagen Bank are blown in toward the New Hampshire coast by strong southeasterly winds. Conversely, Cape Ann fairs well on northeasterly winds, since birds are swept

off Jeffrey's Ledge and pushed toward Cape Ann. Jeffrey's Ledge is a relatively shallow ledge situated about 15 miles off the New Hampshire coast, northeast of Cape Ann. Stellwagen Bank is another offshore ledge that runs roughly from the tip of Cape Cod about halfway to Cape Ann.

Which type of storm is more likely to produce the favorable southeasterly winds? Since low pressure systems have a counterclockwise wind rotation about them, storms that take an inland track are more likely to produce southeasterly winds along the New Hampshire coast; whereas an offshore storm track typically produces northeasterly winds. It usually takes sustained winds of at least 20 m.p.h. to move seabirds close to shore.

Monitoring your local weather forecast can be a big help. With modern weather forecasting, it is possible to receive one or two days notice about approaching storm systems, including predictions of the expected wind direction and velocity. Television weather maps will show frontal lines approaching, low pressure systems, and the direction and speed of the wind. If you can learn to interpret the weather and its effect on birds, you can tailor your birding trips to be in the right place at the right time to record rarities.

Locations along the New Hampshire seacoast that provide good vantage points for storm birding include Pulpit Rocks, Ragged Neck, Seal Rocks, and Jenness Beach in Rye, North Hampton State Beach, and Bicentennial Park in Hampton.

These observations fall far short of a valid scientific study. The results can be skewed by such factors as the date when a storm occurs, the strength of the storm, the relative abundance of birds offshore while a storm is passing, and migration movements of birds caught by a storm. Another host of variable factors is introduced by the observer, such as length of time dedicated to observing during each storm, the spot chosen to observe from, and even the optics used. While I make no claims as to the scientific validity of my hypothesis, this is a fascinating area of birding that warrants more study in the future.

Storm dates with wind direction, velocity and sightings:

Date	Northern Gannet	Greater Shearwater	Manx Shearwater	Wilson's StormPetrel	Parasitic Jaeger	Laughing Gull	Blk-leg Kittiwake
10-21-95 Wind SE 20-30	5000		4		2		
08-21-97 Wind SE 15-20	35	28	9	2		6	1
09-29-97 Wind SE 10-15	1898						
10-27-97 Wind ESE 15-20	65	20					
11-01-97 Wind SE 20-30	480	122					7
11-08-97 Wind NE 15-20	50						
11-22-97 Wind NE 20-30	24						

Volunteer Opportunities and Birding Research

By Francie Von Mertens

Research: Insects vs. fruits in the diet of migrating fall songbirds; Jeffrey Parrish, Brown University doctoral project.

The relatively new field of stopover ecology received a boost from Jeffrey Parrish's three-year study of migrating fall songbirds on Block Island. Mist-netting 7000 birds representing 69 species and examining fat reserves and fecal content, Parrish and his Earthwatch volunteers found that fruit made up more than half the diet of most of the migrants. For several species thought to favor insects, fruit made up 65-80% of their stopover diet (including Hermit Thrush, Veery, Red-eyed Vireo, and Yellow-rumped Warbler). Polar opposites, the Rose-breasted Grosbeak consumed 96% fruit, and the American Redstart none.

Measuring fat reserves and fecal content of re-caught individuals, Parrish determined that the more fruit in its diet the quicker a bird's fat reserves were restored—despite the apparent fat and protein advantages of insects. Captured birds who fed on a mix of fruit and insects gained more weight than those that fed on just fruit or just insects, and the more fruit the greater the gain. Also, in research plots where volunteers picked all the berries, one-third fewer migrants were found.

Parrish's study indicates the importance of coastal scrublands and offshore islands—naturally rich in fruit-bearing shrubs—at a time when human populations are concentrating on the coasts. As well as addressing broader land management issues, Parrish urges landowners to landscape naturally. Poison ivy might not be your berry-producer of choice, but bayberry (wax myrtle) and arrow-wood viburnum are attractive to the human eye as well as essential to a migrating songbird facing the rigors of migration.

Volunteers in research: North American Chimney Swift nest site research project; Driftwood Wildlife Association, 1206 W. 38th, Suite 1105, Austin TX 78705.

As settlers cleared mammoth trees that offered nesting and roosting habitat to “American swifts,” the species responded by becoming “Chimney Swifts”—and their range and numbers expanded along with their new man-made habitat. But their numbers are declining now as metal replaces stone or clay in chimney linings, and as homeowners have their older chimneys capped.

The Driftwood Wildlife Association, a small volunteer group in Austin, has issued a call for a new generation of man-made structures specifically intended to create Chimney Swift habitat. Direct sun, rain, and heat are to be avoided in “chimney” or tower design, and attention needs to be given to surface texture. Towers attached to northern walls solve the overheating problem, but an insulating air space is recommended nonetheless. If cinderblock is used, an interior coating of patio sealer helps nests adhere, and a smooth Portland cement exterior keeps predators from gaining a grip.

A \$10 subscription to the Chaetura newsletter (address same as DWA above) will keep you updated on successful tower design and pitfalls to be avoided—as will a visit to Driftwood Wildlife's web site: www.concentric.net/~Dwa/.

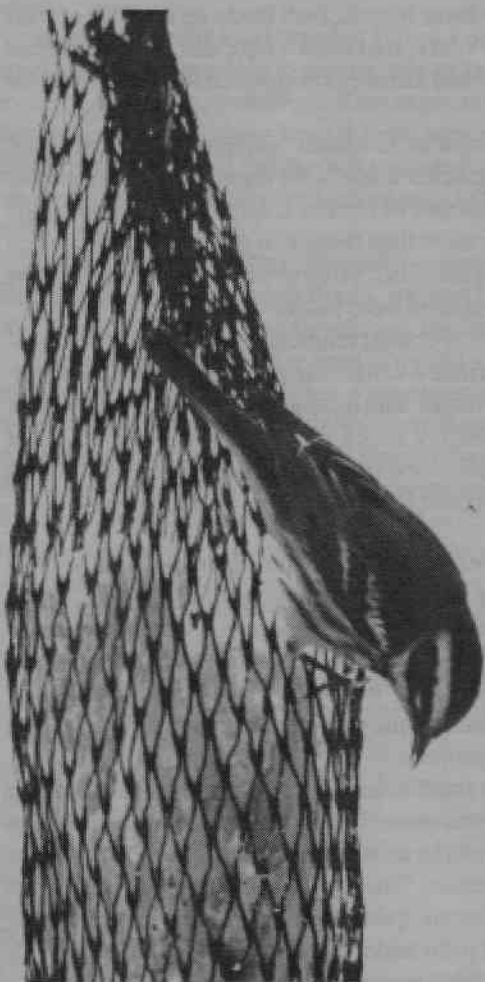
Townsend's Warbler in New England

By Dennis Abbott

Townsend's Warbler is named for a notable nineteenth-century ornithologist, John Kirk Townsend, of Philadelphia. Townsend discovered and described this new species on an expedition to the Pacific Northwest in 1834; he was accompanied by Thomas Nuttall, another notable ornithologist of the time. The two returned home by separate routes, allowing Nuttall the opportunity to describe a warbler and name it in honor of

Townsend. Nuttall's manuscript, which preceded that written by Townsend, had priority, and the name was accepted without change. The genus name *Dendroica* is Greek, meaning "belonging to the trees," which it shares with 20 other species in the United States. The reference is to the habitat preferred by the species in this genus.

Townsend's Warbler is one of the smallest warblers in the genus *Dendroica*, averaging 4.75 inches from bill tip to tail tip. It makes up for its small size by having brightly-colored plumage. The facial pattern is distinctive. A solid black patch, in males, extends from the base of the bill and widens to terminate just beyond the auricular section of the side of the head. This elongated facial patch is surrounded, except at the lore, by bright burnt yellow feathering. A tiny lateral yellow crescent lies just below the eye. The crown and nape are black; the throat is also black with dark streaking extending onto the breast and flanks backed by yellow on the breast and white on the belly and flanks. The back is greenish with some dark, intermittent streaking. The plumage of females is not as bright, but the head pattern remains as distinctive as the male.



This Townsend's Warbler was photographed by Beth Ellis at her feeder in Intervale, New Hampshire. The bird appeared in her yard in early November the day after a windstorm in the southern part of the state and remained through most of December.

Individuals stray to the East Coast of the United States, where confusion in identification with its eastern counterpart, the Black-throated Green Warbler, causes frustration and indecision with Eastern birders. The dark crown, nape and cheek patch are lacking strong definition on Black-throated Green Warblers, and the Black-throated Green Warbler tends to be more yellowish-green on the back. Young Townsend's Warbler males may not have a black throat, but show bright yellow from the chin to the breast, while retaining fairly sharp black streaking at the sides of the breast extending to the flanks. The facial pattern is as in adult plumage. A distinguishing identifying feature is intermittent black streaks, varying in number on different individuals, on the white undertail coverts, forming a "V" shaped pattern pointed at the tail.



Black-throated Green Warbler
by Susan A. Fogleman

The breeding range extends from southern Alaska south to central Oregon and east to central Idaho. The warbler's normal wintering range covers a long narrow corridor from southwestern Washington to southern California. Migrants appear in the southern part of the wintering range in late August through mid-November. The timing of out-of-range movements in New England indicates a preference for December occurrences.

Records of Townsend's Warbler in New England are a relatively new phenomenon and may be restricted to Massachusetts and New Hampshire. There have been only six confirmed sightings here in the last twenty years.

Records of Townsend's Warbler in New England are a relatively new phenomenon and may be restricted to Massachusetts and New Hampshire. There have been only six confirmed sightings here in the last twenty years.

Townsend's Warbler records from New England

Massachusetts

May 1978 Mt. Auburn Cemetery
Dec. 1981 Falmouth
Dec. 1987 Framingham

New Hampshire

Nov./Dec. 1981 Durham
Nov. 1993 Rye
Nov./Dec. 1997 Intervale

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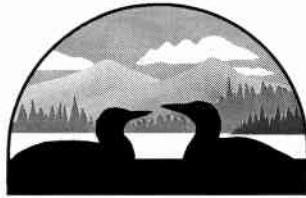
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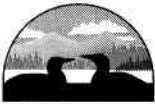
Abbreviations Used

ASNH	Audubon Society of NH	NWR	National Wildlife Refuge
BBC	Brookline Bird Club	R.	River
BBS	Breeding Bird Survey	Rd.	Road
CA	Conservation Area	Rt.	Route
CC	Country Club	St. Pk.	State Park
FT	Field Trip	SPNHF	Society for the Protection of NH Forests, Concord
L.	Lake	T&M	Thompson & Meserves (Purchase)
LPC	Loon Preservation Committee	WMA	Wildlife Management Area
NA	Natural Area	WMNF	White Mountain National Forest
NHBR	<i>New Hampshire Bird Records</i>	WS	ASNH Wildlife Sanctuary
NHRBC	NH Rare Birds Committee	~	approximately

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