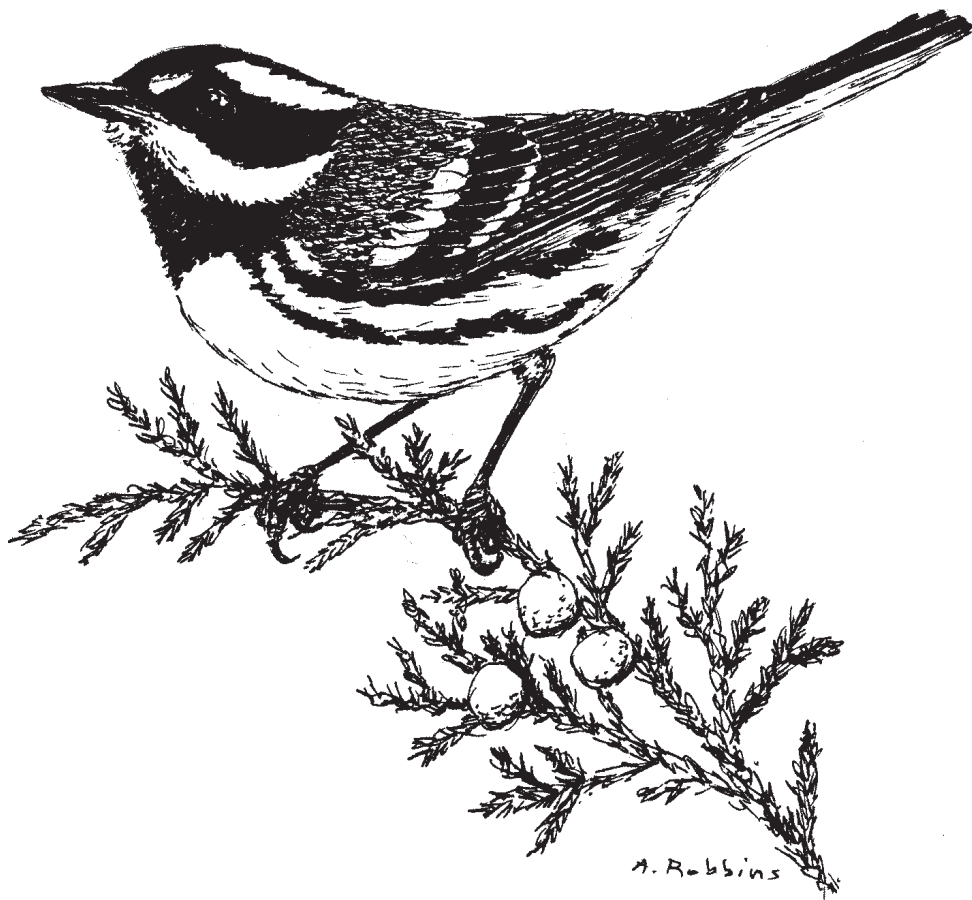


New Hampshire Bird Records



Fall 1999

Vol. 18, No. 3

About the Cover

by Rebecca Suomala

A Black-throated Gray Warbler seen on Star Island on September 21 and 22 represents the first documented record for this species in New Hampshire. It was discovered feeding in the juniper trees by the cemetery on the southwest corner of the island and stayed within this small area. Despite our hopes and pleas, it never came close to our mist nets (see page 39), and, contrary to reports published elsewhere, we did not band it. Unfortunately, the New Hampshire Rare Bird Alert mistakenly reported that we had banded the bird, and this was picked up by others. I apologize for the confusion.

The Black-throated Gray Warbler is a western species that does not breed east of Colorado and New Mexico. It is a handsome black-and-white bird, similar to a Blackpoll Warbler but with a black bib and cheek patch and lovely gray back. The yellow spot between the bill and eye is tiny but diagnostic, if you can see it. We had ample opportunity to observe the bird on Star Island as it fed close by. A large sea swell cancelled all ferry boats, and when good weather arrived, the bird had departed. Those of us lucky enough to be already on the island were the only ones able to see this bird.

My photographs, while acceptable for documentation, were not of suitable quality for the cover of *New Hampshire Bird Records* – in anticipation of photographing birds in the hand, I did not bring a long lens with me to Star, and a photograph of a tiny spot was the sad result. Andrea Robbins has filled in the gap, as she has many times before for *New Hampshire Bird Records*, and we very much appreciate her cover illustration.

In This Issue

- Star Island banding summary
- Fall hawkwatch summary
- Birding in Rochester
- Bird mortality at communications towers

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.

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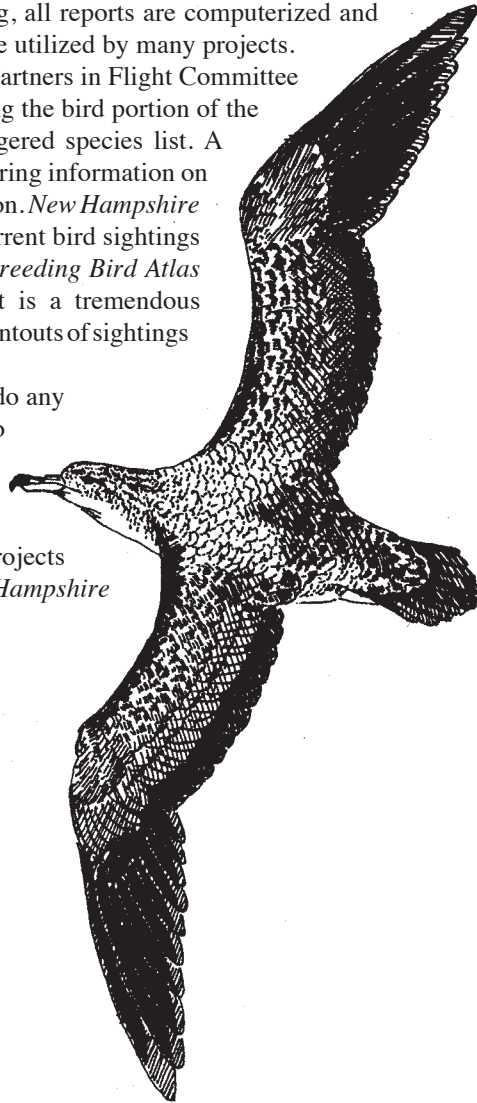
Your Sightings Contribute Valuable Data

Birders who report their sightings to *New Hampshire Bird Records* contribute to more than just the publication. If your reports are not published, it is easy to think that they are not useful, but, in fact, they may be very important. Although we do not have room to publish every sighting, all reports are computerized and easily retrieved. These bird sightings are utilized by many projects.

Most recently, the New Hampshire Partners in Flight Committee has been working on the task of updating the bird portion of the New Hampshire threatened and endangered species list. A sub-committee is in the process of gathering information on a variety of species for potential discussion. *New Hampshire Bird Records* is the largest source of current bird sightings in the state since the *New Hampshire Breeding Bird Atlas* field work was completed in 1986. It is a tremendous resource, and we have generated many printouts of sightings for the committee.

We know more about birds than we do any other major group of animals, thanks to the regular reporters who are out in the field documenting what they see. New Hampshire birders should be proud of their contributions to this and other projects that utilize the valuable resource of *New Hampshire Bird Records*.

Becky Suomala
Managing Editor,
April 2000



What to Report

Fall Season: August through December

These are suggestions meant to be a guideline only to help reporters decide when they have a question on which sightings to report. Even though we do not publish all reports, each sighting is valuable in creating a picture of what is happening during the season. All sightings also 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 migrants, focus on arrival dates, peak numbers,



Spruce Grouse

late lingerers, inland sightings of ocean waterfowl, hawk flights, and shorebird peaks. For the common backyard residents that are present year round, report unusually high numbers or sightings which indicate a migration.

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

Reports for the following species were received but not listed

Great Blue Heron	Downy Woodpecker	House Wren
Mallard	Hairy Woodpecker	American Robin
Ring-necked Pheasant	Pileated Woodpecker	Northern Mockingbird
Ruffed Grouse	Willow Flycatcher	Northern Cardinal
Rock Dove	Common Raven	Rose-breasted Grosbeak
Great Horned Owl	Black-capped Chickadee	Bobolink
Barred Owl	Tufted Titmouse	American Goldfinch
	Brown Creeper	House Sparrow

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, 1999

The fall weather started in August with a continuation of the summer drought that left many lakes, ponds, and reservoirs in the state extremely low. This helped to produce some interesting inland shorebird sightings, including ten species on Mascoma Lake in Enfield. In September, the much-needed rain finally arrived, with two big storms. The first, on September 10, dropped 3-4" of rain on southern sections of the state, and then, a week later, the remains of Hurricane Floyd passed directly off the New Hampshire coast and brought more rain and strong east winds to the area. This helped to produce three species of shearwaters from Ragged Neck in Rye on September 17. The resulting cold front and strong northwest winds brought the biggest hawk flight in recorded history in New Hampshire with tremendous numbers of birds heading south on September 18 and 19. October was generally cool, with near-normal precipitation. November started with a strong storm with south-southeast winds on November 6. This, no doubt, pushed birds up from off Cape Ann and brought tremendous numbers of Greater Shearwaters and Northern Gannets close to shore. The fall ended on a warm note, with November temperatures nearly four degrees warmer than normal; however, there were relatively few noteworthy lingerers.



Yellow-breasted Chat. Photo by Rebecca Suomala.

The tern restoration program out on White and Seavey Islands continued with tremendous success in the third year of the program. The final total for nesting terns was 141 pairs nesting with a phenomenal productivity of approximately 300 chicks fledged. This colony has gone from zero to 141 pairs in three years! Although they were not found nesting on the island, a pair of Roseate Terns and a pair of Arctic Terns were resident through the summer and into the fall.

On Star Island, Rebecca Suomala completed her first fall of bird-banding research on the island and contributed some of the most interesting sightings of the fall. Highlights included an incredible 31 banded **Yellow-breasted Chats**, a first documented record of **Black-throated Gray Warbler**, a **Red Phalarope**, a **Lark Sparrow**, and a **Clay-colored Sparrow**.

Other highlights for the fall include a **Cory's Shearwater**, three **Lesser Black-backed Gulls**, a **Yellow-headed Blackbird**, and record numbers of Greater Shearwaters, Broad-winged Hawks, Ospreys, and Merlins.

*Stephen R. Mirick
Fall Editor*

Loons Through Vultures

Al Delorey has made the sport of storm-watching for birds an exciting event, and there were several storms during the fall of 1999 that brought seabirds close enough to be seen from Ragged Neck in Rye. Rare finds included a **Cory's** and a Manx Shearwater on September 17, but November 3 was the day to be remembered at Ragged Neck. A strong coastal storm with strong southeast winds brought a count of 601 Greater Shearwaters along the coast, which certainly must be the highest total ever recorded in New Hampshire from land. It is not surprising that the season's high count of 530 Northern Gannets was counted from the coast on the same day.

American Bitterns continue to be a rare fall species with only four individuals reported for the fall, and a **Tricolored Heron** was discovered along the coast on August 8 and was the first fall report for this species since 1994. Snowy and Great Egrets that feed during the day along the New Hampshire coast during the summer and fall leave the state each evening to roost. One roost site is on Appledore Island at the Isles of Shoals in Maine, and the other is at Plum Island in Massachusetts. Good numbers of egrets were observed along the New Hampshire coast this season, and the evening flight to the roosts was well documented from Seabrook and Rye over several evenings this fall, with record numbers of Great and Snowy Egrets reported for the state. A Glossy Ibis flying over Concord, a Little Blue Heron in Enfield, and a Black-crowned Night Heron in Munroe were all unusual sightings away from the southern and coastal areas where these birds are normally seen.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Red-throated Loon				
09-04	1	N. Hampton	N. Hampton State Beach	A. & B. Delorey
11-03	30	Hampton	Hampton Beach St. Pk.	A. & B. Delorey, F. Sladen
Common Loon				
10-05	35	Littleton	Samuel Moore Dam	B. Bradley
10-31	15		Squam Lakes	J. Williams
11-12	8	Holderness	Squam Lake from Rt. 25	J. Williams
11-23	2	Auburn	Lake Massabesic	I. MacLeod
11-25	1	Holderness	Squam Lake	J. Williams
Pied-billed Grebe				
09-11	4	Jefferson	Cherry Pond	R. Quinn, Pemigewasset Chapter FT
10-05	9	Hinsdale	Connecticut R.	R. Vallieres, C. Martin
10-05	4	Salem	World End Pond	K. Folsom
10-06	5	Hopkinton	Elm Brook Pool	P. Newbern
10-15	8	Salem	World End Pond	K. Folsom
11-01	1	Kensington	Wild Pasture Rd.	G. Gavutis
11-11	1	Rye	Eel Pond	R. Woodward
Horned Grebe				
09-11	1	Jefferson	Big Cherry Pond	R. Quinn, Pemigewasset Chapter FT
10-26	12	Newmarket	Great Bay	S. Mirick
11-01	15	Newmarket	Great Bay	S. Mirick

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
11-02	2	Derry	Beaver Lake	I. MacLeod
11-04	2	Chesterfield	Spofford Lake	C. Martin, B. O'Neil
Red-necked Grebe				
09-11	5	Jefferson	Cherry Pond	R. Quinn, Pemigewasset Chapter FT
10-02	1	Rye	Ragged Neck	A.& B. Delorey
10-10	2	Moultonborough	Long Is., Squam Lake	A. Groth
10-12	4	Littleton	Samuel Moore Dam	B. Bradley
10-16	1	Jefferson	Cherry Pond	J. McIlwaine
10-29	3	Littleton	Samuel Moore Dam	B. Bradley
10-29	3	Newmarket	Great Bay	S. Mirick
10-31	1	Holderness	Squam Lake	J. Williams
11-23	1	Auburn	Lake Massabesic	I. MacLeod
Cory's Shearwater				
09-17	1	Rye	off Ragged Neck	A.& B. Delorey
Greater Shearwater				
09-16	3	Rye	Ragged Neck	A.& B. Delorey
09-17	6	Rye	Ragged Neck	A.& B. Delorey
10-23	30	Rye	Ragged Neck	A.& B. Delorey
11-03	601	Rye	Ragged Neck	A.& B. Delorey
Manx Shearwater				
09-17	1	Rye	off Ragged Neck	A.& B. Delorey
Shearwater sp.				
09-07	3	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-20	3	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-30	13	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
Wilson's Storm-Petrel				
08-22	14	Rye	Pulpit Rocks	A.& B. Delorey
08-22	5	N. Hampton	N. Hampton State Beach	A.& B. Delorey
Northern Gannet				
08-03	4	Rye	White & Seavey Islands	D. Hayward, D. Trested
08-24	101	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
08-26	30		NH coast	S. Mirick
09-08	50	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-17	40	Rye	Ragged Neck	A.& B. Delorey
09-18	80	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-30	100	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
10-23	190	Rye	Ragged Neck	A.& B. Delorey
11-03	530	Rye	Ragged Neck	A.& B. Delorey
Double-crested Cormorant				
08-16	300		NH coast	R. Crowley
10-05	370	Littleton	Samuel Moore Dam	B. Bradley
10-23	2040	Rye	Ragged Neck	A.& B. Delorey
10-31	1		Lower Mascoma Lake	P. Hunt
Great Cormorant				
08-04	2	Rye	White & Seavey Islands	D. Hayward, D. Trested
08-28	1	Hampton	Great Boars Head	A.& B. Delorey
09-11	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-30	10	Rye	Star Island, Isles of Shoals	R. Suomala, et al.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
American Bittern				
08-19	1	Jefferson	Little Cherry Pond, Pondicherry WS	D. Govatski, C. Bretton, P. Bellavance
09-29	1	Sandwich	Whiteface Intervale	T. Vazzano, B. Burni
10-17	2	Hampton	Hampton marshes	S. Mirick, B. Quinn, G. Robbins
Great Egret				
08-04	1	Milton	Rt. 125	A. Colburn
08-06	1	Wilmot	Rt. 4A	J. Franklin
08-14	1	Exeter	downtown	S. Mirick, P. Brown, et al.
08-20	1	Haverhill	Connecticut R., N. Haverhill	B. Bradley
08-21	34	Seabrook	mussel beds	A. & B. Delorey
08-22	24	Seabrook	marshes	S. Mirick
08-25	3	Madbury	Bellamy Reservoir	S. Mirick
09-05	1	Exeter	Exeter R. at Stony Bridge	G. Prazar
09-09	2	Madbury	Bellamy Reservoir	S. Mirick
09-12	26	Seabrook	Rt. 286	S. Mirick
09-20	46	Seabrook	Rt. 286	S. Mirick
Snowy Egret				
08-02	1	Strafford	Bow Lake	H. Cilley
08-21	118	Seabrook	mussel beds	A. & B. Delorey
08-25	3	Madbury	Bellamy Reservoir	S. Mirick
08-31	48	Hampton		R. Crowley
09-06	1	Exeter	Phillips Exeter Academy	G. Prazar
09-12	252	Seabrook	Rt. 286	S. Mirick
09-18	106	Rye	Odiorne Pt. hawk watch	S. Mirick, P. Lacourse
09-20	110	Seabrook	Rt. 286	S. Mirick
10-01	1	Durham	Adams Pt.	S. Mirick
10-17	1	Rye	s. of Odiorne Pt.	S. Mirick, B. Quinn, G. Robbins
Little Blue Heron				
08-11	2	Hampton	marsh behind Little Jack's, Rt. 1A	T. Vazzano, B. Bruni
08-13	1	Seabrook	mussel beds	A. & B. Delorey
08-13	1	Hampton	Rt. 101 marsh	A. & B. Delorey
09-05	1	Enfield	Main Street Pond	P. Hunt
09-14	1	Enfield	Main Street Pond	P. Hunt
Tricolored Heron				
08-08	1	Rye	pools behind Hemingways Restaurant	S. Mirick, M. Suomala
08-11	1	Hampton	marsh behind Little Jack's, Rt. 1A	T. Vazzano, B. Bruni
Green Heron				
08-08	1	Monroe	Connecticut R.	E. Emery
Black-crowned Night-Heron				
08-01	1	Rye	White & Seavey Islands	D. Hayward
08-14	1	Nashua	Mines Falls, above dam	B. & M. Harris
08-14	3	Exeter	wastewater treatment plant	S. Mirick, P. Brown, et al.
08-14	4	Exeter	Powder House Pond	S. Mirick, P. Brown, et al.
08-17	1	Littleton	Wal-Mart pools	B. Bradley
09-06	2	Nashua	Nashua R. at Mine Falls	R. Andrews
09-09	3	Newmarket	Great Bay	S. Mirick
10-17	1	Exeter	Powder House Pond	G. Prazar

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Glossy Ibis				
09-08	1	Concord	Rt. 393 near Merrimack R.	M. Amaral, M. Bartlett
09-18	1	Rye	Odiome Pt. hawk watch	S. Mirick, P. Lacourse
Turkey Vulture				
08-25	9	Berlin	over town	R. Quinn
09-05	7	Lancaster	cornfield near Connecticut R.	S. & M. Turner
09-12	56	Peterborough	Pack Monadnock	I. Malo
09-23	10	Lisbon	treatment plant	B. Bradley
09-27	21	Conway	East Conway Rd.	R. Crowley
09-29	7	Northumberland	hill along Rt. 3	J. Williams
11-03	1	Laconia	Laconia Country Club, Elm St.	H. Anderson

Waterfowl & Hawks

Except for a migrating flock of 50 in Moultonborough, Snow Geese slipped through the state almost unnoticed last fall. American Wigeon numbers on Great Bay slipped a bit from the incredible growth they have seen in the previous five years; however, the four **Eurasian Wigeon**, (down from five last fall) remains a remarkable total for the state. Inland scoters were reported mostly from the Connecticut River valley. Ring-necked Ducks and Ruddy Ducks were reported in higher-than-average numbers from their traditional staging areas in southeastern New Hampshire. The incredible concentration of Common Mergansers reported the last three falls from Lake Umbagog was not reported again this fall; however, 310 Common Mergansers from Holderness on November 21 is a good total from the central part of the state. Rare waterfowl reports for the fall include a female Northern Shoveler mixed in with a flock of 300 dabbling ducks on Great Bay on the early date of August 23, and a female Barrow's Goldeneye seen along the coast on November 23.

September 18 and 19 proved to be an incredible weekend for hawk migration in New Hampshire. After the passage of a strong cold front on September 17, strong northwest winds pushed record numbers of Ospreys and Merlins down the coast. The northwest winds continued on September 19, and the Broad-winged Hawks poured over the top of Blue Job Mountain in Farmington. The 7,688 counted for the day is a record for the state. A strong cold front on November 7 with brisk northwest winds brought a late hawk migration along the coast, with 30 Red-tailed Hawks, three Northern Goshawks, and a dark morph Rough-legged Hawk all heading south.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Snow Goose				
10-09	50	Moultonborough	Squam Lake	A. Groth
10-14	1	Laconia	state prison fields	H. Anderson
11-11	1	Newmarket	off Bay Road	S. Mirick
11-19	1	N. Hampton	Atlantic Ave., Lamprey CA	J. Maloney

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Canada Goose				
10-03	100	Bedford	Ministerial Rd.	J. & S. Saidel-Goley
10-05	260	Lisbon	farm field	B. Bradley
10-08	150	Nashua	Burke St. residence	J. & B. Ayer
10-16	185	Gilsum	Hammond Hollow	M. Wright
10-17	170	Lancaster	Connecticut R.	B. Bradley
11-09	100	Kingston	Powwow Pond	K. Folsom
Mute Swan				
11-19	39	Newmarket	Great Bay	S. Mirick
Wood Duck				
08-29	13	Bridgewater	Dick Brown Pond	J. Williams
09-06	50	Lancaster	lagoons	S. Turner
09-29	20	Dummer	Pontook Reservoir	C. Martin
09-29	20	Landaff	Chandler Pond	B. Bradley
10-03	10	Exeter	wastewater treatment plant	G. Prazar
10-28	1	Landaff	Chandler Pond	B. Bradley
11-21	1	Canterbury	Riverland CA	R. Quinn
Eurasian Wigeon				
10-06	4	Greenland	Sunset Landing	A. & B. Delorey
American Wigeon				
09-14	1	Newmarket	Great Bay	S. Mirick
10-05	1	Landaff	Chandler Pond	B. Bradley
10-06	115	Greenland	Sunset Landing	A. & B. Delorey
10-13	8	Manchester	Lake Massabesic	I. MacLeod
American Black Duck				
08-27	62		Lake Umbagog region	R. Quinn
10-05	80	Littleton	Samuel Moore Dam	B. Bradley
11-25	28	Hebron	Hebron Marsh	J. Williams
Blue-winged Teal				
08-28	15	Exeter	wastewater treatment plant	S. Mirick, M. Suomala
09-06	20	Exeter	wastewater treatment plant	A. & B. Delorey
09-16	3	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
10-03	7	Exeter	wastewater treatment plant	G. Prazar
Northern Shoveler				
08-23	1	Newmarket	Great Bay	S. Mirick
Northern Pintail				
08-31	1	Rochester	wastewater treatment plant	T. Vazzano, B. Bruni
09-14	2	Newmarket	Great Bay	S. Mirick
09-18	10	Rye	Odiorne Pt. hawk watch	S. Mirick, P. Lacourse
10-13	1	Manchester	Lake Massabesic	I. MacLeod
11-23	1	Rye	Eel Pond	S. Mirick
11-24	1	Derry	wastewater treatment plant	A. Delorey
Green-winged Teal				
08-15	1	Jefferson	Little Cherry Pond, Pondicherry WS	D. Govatski, C. Bretton
08-17	3	Derry	wastewater treatment plant	A. Delorey
08-28	1	Exeter	wastewater treatment plant	S. Mirick, M. Suomala
09-06	25	Lancaster	lagoons	S. Turner
09-14	84	Newmarket	Great Bay	S. Mirick

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
09-18	15	Exeter	wastewater treatment plant	A.& B. Delorey
10-06	84	Newmarket	Great Bay	S. Mirick
10-13	8	Manchester	Lake Massabesic	I. MacLeod
10-16	6	Jefferson	Little Cherry Pond	J. McIlwaine
11-10	1	Errol	Leonard Pond	R. Quinn, T. Richards, L. Wunder
11-18	2	Dummer	Pontook Reservoir	C. Martin
11-23	3	Rye	Eel Pond	S. Mirick
Ring-necked Duck				
08-03	1	Manchester	Massabesic Lake Park	R. Andrews
08-15	5	Jefferson	Little Cherry Pond, Pondicherry WS	D. Govatski, C. Bretton
08-25	1	Errol	Magalloway R.	R. Quinn
09-06	1	Lancaster	lagoons	S. Turner
10-17	190	Moultonborough	Unsworth Preserve	T. Vazzano
10-24	12	Gilford	Lily Pond	J. Williams
10-27	30	Chatham	Upper Kimball Pond	R. Crowley
11-05	300	Salem	World End Pond	K. Folsom
11-07	9	Enfield	Main Street Pond	P. Hunt
11-21	2	Gilford	Lily Pond	J. Williams
11-23	4	Rye	Eel Pond	S. Mirick
Greater Scaup				
09-02	2	Newmarket	Great Bay	S. Mirick
11-01	2	Rye	Pulpit Rocks	G. Robbins, R. Quinn
11-10	1	Errol	Leonard Pond	R. Quinn, T. Richards, L. Wunder
11-25	300	Greenland	Sunset Farm	S. Mirick
Lesser Scaup				
10-28	3	Littleton	Samuel Moore Dam	B. Bradley
10-29	2	Rochester	wastewater treatment plant	S. Mirick
11-04	1	Bennington	Powder Mill Pond	C. Martin, B. O'Neil
11-04	8	Surry	Surry Mountain Lake	C. Martin, B. O'Neil
11-10	12	Errol	Leonard Pond	R. Quinn, T. Richards, L. Wunder
11-23	2	Rye	Eel Pond	S. Mirick
Scaup sp.				
08-15	1	Jefferson	Cherry Pond	D. Govatski, C. Bretton, P. Bellavance
10-05	1	Hinsdale	Connecticut R.	R. Vallieres, C. Martin
10-11	4	Moultonborough	Unsworth Preserve	A. Groth
11-23	7	Bow	Turee Pond	R. Quinn, T. Richards
Common Eider				
08-08	215	Rye	White & Seavey Islands	D. Hayward, D. Trested
Surf Scoter				
10-19	9	Hampton	beach area	B.& M. Harris
White-winged Scoter				
08-07	7	Hampton	Great Boars Head	A.& B. Delorey
08-11	15		NH coast	S. Mirick
08-31	20	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
10-05	16	Lisbon	Pearl Lake	B. Bradley
10-13	11	Littleton	Samuel Moore Dam	B. Bradley
11-01	2	Newmarket	Great Bay	S. Mirick

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Black Scoter				
08-07	6	Hampton	Great Boars Head	A. & B. Delorey
10-05	7	Hinsdale	Connecticut R.	R. Vallieres, C. Martin
10-09	30	Moultonborough;	Squam Lake	A. Groth
10-15	40	Littleton	Samuel Moore Dam	B. Bradley
10-25	110	Littleton	Samuel Moore Dam	B. Bradley
11-01	2	Newmarket	Great Bay	S. Mirick
11-06	2	Lisbon	Pearl Lake	J. McIlwaine
11-23	1	Rye	Eel Pond	S. Mirick
Scoter sp.				
10-17	393	Hampton	North Beach	S. Mirick
Oldsquaw				
10-17	8	Rye	Odiorne Pt. St. Pk.	S. Mirick, B. Quinn, G. Robbins
11-23	1	Rye	Eel Pond	S. Mirick
Bufflehead				
10-29	5	Newmarket	Great Bay	S. Mirick
10-30	1	Holderness	pond s. of Rt. 175A	J. Williams
11-01	180	Newmarket	Great Bay	S. Mirick
11-04	3	Surry	Surry Mountain Lake	C. Martin, B. O'Neil
11-11	85	Newmarket	Great Bay	S. Mirick
11-12	13	Ashland	Squam R.	J. Williams
11-23	7	Bow	Turee Pond	R. Quinn, T. Richards
11-25	7	Holderness	Little Squam Lake	J. Williams
Common Goldeneye				
08-25	2	Errol	Androscoggin R.	R. Quinn
10-25	4	Newmarket	Great Bay	S. Mirick
11-12	25	Holderness	Squam Lake, from Rt. 25	J. Williams
11-23	7	Bow	Turee Pond	R. Quinn, T. Richards
11-23	3	Gilmanton	Crystal Lake, Gilmanton Iron Works	W. Arms
11-25	18	Bristol	Wellington State Park, Newfound Lake	J. Williams
11-28	15	Littleton	Connecticut R.	B. Bradley
11-28	11	Holderness	Livermore Cove, Squam Lake	J. Williams
Barrow's Goldeneye				
11-23	1	Rye	Eel Pond	S. Mirick
Hooded Merganser				
11-09	25	Dummer	Pontook Reservoir	R. Quinn, T. Richards
11-09	12	Kingston	Powwow Pond	K. Folsom
11-10	24	Errol	Magalloway R.	R. Quinn, T. Richards, L. Sunderland
11-14	10	Moultonborough;	wetlands along Bean Rd.	J. Williams
11-16	22	Ashland	White Oak Pond	R. Quinn, M. Haig
11-21	24	Dublin	Howe Reservoir, Rt. 101	J. Broyles, S. Millett
11-25	20	Holderness	White Oak Pond	J. Williams
11-26	20	Tilton	Silver Lake	J. Williams
Common Merganser				
08-20	36	Conway	Saco R., East Conway	R. Crowley
11-10	125	Errol	Magalloway R.	R. Quinn, T. Richards, L. Sunderland

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
11-11	20	Newmarket	Great Bay	S. Mirick
11-11	80	Monroe	Comerford Dam	B. Bradley
11-14	11	Holderness	Piper's Cove, Squam Lake	J. Williams
11-14	130	Holderness	White Oak Pond	J. Williams
11-18	150	Errol	Lake Umbagog	C. Martin
11-21	150	Dublin	Howe Reservoir, Rt. 101	J. Broyles, S. Millett
11-21	310	Holderness	White Oak Pond	J. Williams
11-25	170	Holderness	White Oak Pond	J. Williams
11-28	70	Holderness	White Oak Pond	J. Williams
Ruddy Duck				
09-29	2	Derry	wastewater treatment plant	A. Delorey
10-03	4	Exeter	wastewater treatment plant	G. & M. Prazar
10-05	4	Rochester	wastewater treatment plant	T. Vazzano, B. Bruni
10-13	18	Exeter	wastewater treatment plant	R. Aaronian
10-26	13	Newmarket	Great Bay	S. Mirick
10-29	7	Rochester	wastewater treatment plant	S. Mirick
11-01	43	Exeter	wastewater treatment plant	S. Mirick
11-02	30	Derry	Beaver Lake	I. MacLeod
11-21	12	Kingston	Powwow Pond	S. Mirick
11-25	15	Exeter	wastewater treatment plant	S. Mirick
Osprey				
08-01	19	Errol	Lake Umbagog area	Friends of Umbagog volunteers
09-13	14	Peterborough	Pack Monadnock	I. MacLeod
09-15	11	Deering	Peter Wood Hill	I. MacLeod
09-18	150	Rye	Odiorne Pt. hawk watch	S. Mirick
09-19	26	Deering	Peter Wood Hill	I. MacLeod
09-23	52	Newcastle	Wentworth Hotel	S. Mirick
10-03	14	Deering	Peter Wood Hill	I. MacLeod
11-02	1	Derry	Beaver Lake	I. MacLeod
11-04	1	Hancock	Nubanusit Lake	C. Martin, B. O'Neil
11-07	1	Rye	Odiorne Pt. St. Pk.	S. Mirick, et al
11-13	2	Derry	Beaver Lake	local resident
Bald Eagle				
08-01	6	Errol	Lake Umbagog area	Friends of Umbagog
08-18	4	Monroe	Connecticut R.	E. Emery, P. Powers, J. Cate
08-24	6	Errol	Lake Umbagog area	C. Martin, S. Johnson, D. Burke
09-12	5	Peterborough	Pack Monadnock	I. Malo
09-19	7	Deering	Peter Wood Hill	I. MacLeod
Northern Harrier				
08-01	4	Errol	Androscoggin R.	C. Foss, J. Polovchik, D. Stavros, B. & B. Taffe
08-04	3	Whitefield	airport	D. Govatski
08-07	1	Seabrook	marsh	A. & B. Delorey
09-13	2	Peterborough	Pack Monadnock	I. MacLeod
09-18	24	Rye	Odiorne Pt. hawk watch	S. Mirick, P. Lacourse
09-19	3	Deering	Peter Wood Hill	I. MacLeod
10-03	4	Deering	Peter Wood Hill	I. MacLeod
11-02	1	Campton	Owl's Nest Golf Course	H. Anderson
11-10	1	Durham	Mast Rd. fields	C. Federer

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Sharp-shinned Hawk				
09-04	16	Peterborough	Pack Monadnock	I. MacLeod
09-11	40	Peterborough	Pack Monadnock	I. MacLeod
09-12	34	Peterborough	Pack Monadnock	I. Malo
09-13	40	Peterborough	Pack Monadnock	I. MacLeod
09-18	77	Rye	Odiorne Pt. hawk watch	S. Mirick, P. Lacourse
09-19	12	Deering	Peter Wood Hill	I. MacLeod
09-19	28	Peterborough	Pack Monadnock	I. Malo
09-20	10	Peterborough	Pack Monadnock	F. Von Mertens
09-23	187	Newcastle	Wentworth Hotel	S. Mirick
10-03	46	Deering	Peter Wood Hill	I. MacLeod
Cooper's Hawk				
08-14	2	Concord	Horseshoe Pond	T. Gilson
09-11	2	Peterborough	Pack Monadnock	I. MacLeod
09-13	2	Peterborough	Pack Monadnock	I. MacLeod
09-20	3	Peterborough	Pack Monadnock	F. Von Mertens
11-20	1	Concord	Beaver Meadow Village	P.& D. Niswander
Northern Goshawk				
09-12	2	Peterborough	Pack Monadnock	I. Malo
11-07	3	Rye	Odiorne Pt. St. Pk.	S. Mirick, G. Robbins, R. Woodward, et al.
Red-shouldered Hawk				
09-03	1	Rumney	Quincy Bog	B. Taffe, A. Ports
09-12	1	Gilsum	Hammond Hollow	M. Wright
09-19	3	Peterborough	Pack Monadnock	I. Malo
Broad-winged Hawk				
09-12	102	Peterborough	Pack Monadnock	I. Malo
09-13	109	Peterborough	Pack Monadnock	I. MacLeod
09-18	146	Peterborough	Pack Monadnock	T.& C. Gilsom
09-19	7688	Farmington	Blue Job Mtn.	S. Snyder, et al.
09-19	1097	Deering	Peter Wood Hill	I. MacLeod
09-19	1265	Peterborough	Pack Monadnock	I. Malo
10-03	4	Deering	Peter Wood Hill	I. MacLeod
Red-tailed Hawk				
10-15	32	Whitefield	Cherry Pond	I. MacLeod
11-07	30	Rye	Odiorne Pt. St. Pk.	S. Mirick, G. Robbins, R. Woodward, et al.
Rough-legged Hawk				
11-07	1	Rye	Odiorne Pt.	S. Mirick, G. Robbins, R. Woodward, et al.
11-10	2	Errol	Leonard Marsh & Harper's Meadow	R. Quinn, T. Richards, L. Wunder
Golden Eagle				
09-28	1	Moultonborough	Markus WS at Loon Center	H. Vogel, B. Bruni, T. Vazzano
10-16	1	Deering	East Deering Rd.	I. MacLeod
American Kestrel				
08-15	20	Whitefield	Mt. Washington Regional Airport	D. Govatski, C. Bretton
09-11	23	Peterborough	Pack Monadnock	I. MacLeod
09-15	20	Deering	Peter Wood Hill	I. MacLeod

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
09-18	51	Rye	Odiorne Pt. hawk watch	S. Mirick, P. Lacourse
09-19	9	Deering	Peter Wood Hill	I. MacLeod
09-23	33	Newcastle	hawk watch	S. Mirick
10-03	18	Deering	Peter Wood Hill	I. MacLeod
11-29	1	Monroe	farm field	P. Powers
Merlin				
09-18	84	Rye	Odiorne Pt. hawk watch	S. Mirick, P. Lacourse
09-23	21	Newcastle	Wentworth Hotel	S. Mirick
11-26	1	Hampton	Hampton Beach St. Pk.	A.& B. Delorey
Peregrine Falcon				
08-06	1	Berlin	paper mill smokestack	C. Martin
08-15	1	Jefferson	Little Cherry Pond, Pondicherry WS	D. Govatski, C. Bretton
09-19	1	Peterborough	Pack Monadnock	I. Malo
09-22	1	Portsmouth	Rt. 1 bypass bridge	G. Mitchell
09-26	1	Plymouth	Quincy Rd.	J. Williams
09-29	1	Manchester	Elm St.	R. Vallieres
10-03	3	Deering	Peter Wood Hill	I. MacLeod
10-16	1	Rye	Rye town beach	A.& B. Delorey, BBC FT
10-17	1	Low & Burbanks Grant	near Jefferson Notch Rd.	G. Gavutis
10-23	1	Rye	Concord Pt.	A.& B. Delorey
11-23	1	Concord	Rt. 93 at exit 14	C. Martin

Grouse Through Terns

Four hundred seventy-two Wild Turkeys were reported throughout the state for the fall, with a surprising abundance in the upper Connecticut River valley. The Sandhill Crane, first reported in the spring season, remained through the summer and was last reported from Monroe on November 5.

Dry weather in August brought the water level down on many lakes, ponds, and reservoirs and helped to produce some interesting inland shorebird sightings. Highlights included a Baird's Sandpiper and Short-billed Dowitcher in Enfield, a **Red Phalarope** in Piermont and two inland Ruddy Turnstones. Along the coast, shorebird numbers were about average, with another Red Phalarope reported from Star Island, and high numbers of Ruddy Turnstones reported from the offshore islands. The 60 Pectoral Sandpipers in Exeter is three times the highest total of the last ten falls.

Two **Parasitic Jaegers** reported from the coast were highly unusual for this pelagic species, and three individual **Lesser Black-backed Gulls** were reported from the area of the Turnkey Landfill in Rochester. This area has hosted one of the largest numbers of gulls in the state in recent years. A Laughing Gull on November 26 is probably the latest record for this species in over 20 years, and a Black-headed Gull on August 28 is early for this winter species.

The tremendous success of the tern restoration program on White and Seavey Islands is probably one of the big reasons why terns were so numerous along the coast this fall. The counts of Common and Roseate Terns during August and into the first week of

September are unprecedented in the state in the last 20 years. These totals probably include some birds which nested on Seavey Island, and which were joined by migrating birds from farther north. The two inland reports of Common Terns from Manchester and Enfield are highly unusual for this coastal species. A total of seven species of terns was reported for the fall, including as many as nine Forster's Terns and a rare find of eight **Caspian Terns** in Hampton Harbor on September 4.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Spruce Grouse				
08-06	3	Errol	Eames Rd.	C. Martin
08-07	1	Success	Mahoosuc Trail, Mt. Success	B. Magoon
08-18	2	Lincoln	Shoal Pond	B. English
08-22	1	Lincoln	Zealand Mtn. summit	R. Jones
08-24	1	Beans Purchase	summit of Wildcat E	T. Tellman
08-29	1	Beans Purchase	Wildcat Ridge Trail - A	D. Govatski, C. Bretton, S. Stoddard
Wild Turkey				
08-12	22	Lyman	Tuckerville Rd.	S. Turner
08-15	20	Temple	East Rd.	M. & C. Neveu
08-26	33	Wentworth	Rt. 25, near Rumney line	B. Taffe
08-29	20	Gilmanton	Halls Hill Rd.	B. & K. Palfy
08-31	30	Newbury	Stoney Brook WS	C. Martin
09-01	30	Goshen	Brook Rd.	G. Stansfield
09-12	20	Henniker	off Shaker Hill Rd.	R. Hardy
09-16	32	Rumney	behind Miller's Store	B. & K. Miller
09-25	35	Sutton	Musterfield Farm	C. & P. Martin
09-28	37	Bath	farm field	B. Bradley
10-02	20	Gilsum	Hammond Hollow	M. Wright
10-04	20	Lisbon	Rt. 302	R. Crowley
10-20	30	Newbury	Rt. 103A	P. Newbern
10-28	30	Henniker	cornfield on River Rd.	R. Hardy
10-28	52	Sugar Hill	Hannah Farm	B. Bradley
Northern Bobwhite				
08-05	1	Weare	S. Sugar Hill Rd.	B. & M. Reed
08-19	1	Bow	Bow Bog Rd. backyard	J. Tasker
Sora				
08-04	2	Jefferson	marsh near Cherry Pond	D. Govatski, C. Bretton
Common Moorhen				
10-28	1	Exeter	wastewater treatment plant	S. Mirick
11-14	1	Exeter	wastewater treatment plant	S. Mirick, ASNH FT
11-20	1	Exeter	wastewater treatment plant	R. Woodward, B. Harris
American Coot				
10-03	1	Exeter	wastewater treatment plant	G. Prazar
10-27	1	Durham	Mill Pond	C. Federer
11-07	21	Exeter	wastewater treatment plant	G. Prazar
11-09	34	Kingston	Powwow Pond	K. Folsom
11-21	20	Kingston	Powwow Pond	S. Mirick
11-25	23	Exeter	wastewater treatment plant	S. Mirick

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Sandhill Crane				
08-18	1	Monroe	field off Rt. 135	E. Emery, P. Powers, J. Cate
10-04	1	Monroe	Plain Rd.	R. Crowley
11-05	1	Monroe		P. Powers
Black-bellied Plover				
08-18	10	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
08-21	2	Seabrook	Hampton Harbor	D. Donsker, D. Tucker, ASNH FT
10-06	3	Conway	East Conway Rd.	R. Crowley
10-09	2	Exeter	wastewater treatment plant	S. Mirick, A. Eaton
American Golden-Plover				
10-09	2	Exeter	wastewater treatment plant	S. Mirick
10-12	2	Nashua	airport	R. Andrews
10-16	1	Exeter	wastewater treatment plant	S. Mirick
Semipalmated Plover				
08-12	400	Hampton Falls	Depot Rd. pools	S. Mirick, M. Suomala, P. Lacourse
08-13	200	Hampton Falls	Depot Rd.	A. & B. Delorey
08-14	200	Hampton	Henry's Pool	A. & B. Delorey
08-15	3	Jefferson	Little Cherry Pond, Pondicherry	WS D. Govatski, C. Bretton
08-17	25	Derry	wastewater treatment plant	A. Delorey
08-22	830	Hampton	coast	S. Mirick
08-30	6	Madbury	Bellamy Reservoir	S. Mirick
09-04	2	Enfield	Main Street Pond	P. Hunt
Killdeer				
08-16	13	Littleton	Moore Reservoir	S. Turner
08-17	22	Derry	wastewater treatment plant	A. Delorey
08-20	31	Bath	farm field	B. Bradley
08-24	40	Lyman	Dodge Pond outlet marsh	S. & M. Turner
08-29	2	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-07	29	Portsmouth	Pease Int'l. Tradeport	S. Mirick
09-29	30	Derry	wastewater treatment plant	A. Delorey
10-06	28	Conway	East Conway Rd.	R. Crowley
11-11	2	Rye	Rye Harbor St. Pk.	R. Woodward
Greater Yellowlegs				
08-15	12	Monroe	Connecticut R.	B. Bradley
08-19	1	Jefferson	Little Cherry Pond, Pondicherry WS	D. Govatski, C. Bretton, P. Bellavance
08-20	1	Conway	Saco R., East Conway	R. Crowley
09-01	1	Sandwich	Thompson WS	T. Vazzano, B. Bruni
09-04	1	Enfield	Main Street Pond	P. Hunt
09-27	50	Durham	Adams Pt.	S. Mirick
10-21	2	Exeter	Squamscott R.	R. Aaronian
11-28	1	Rye	Rye Harbor mudflat	R. Frechette
Solitary Sandpiper				
08-02	2	Dover	Bellamy River WS	R. Suomala, M. Levin
08-06	3	Errol	Sweet Meadow wetland	C. Martin
08-10	2	Rumney	Quincy Bog NA	A. Ports
08-25	6	Derry	wastewater treatment plant	A. Delorey

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
09-08	2	Washington	Bear Pond, Pillsbury St. Pk.	G. Stansfield
09-09	4	Enfield	Main Street Pond	P. Hunt
09-29	2	Derry	wastewater treatment plant	A. Delorey
Spotted Sandpiper				
10-02	1	Ashland	Mill Pond	J. Williams
10-23	1	Exeter	wastewater treatment plant	S. Mirick
11-07	1	Exeter	Exeter R., Swasey Pkwy.	G. Prazar
Upland Sandpiper				
09-07	1	Portsmouth	Pease Int'l. Tradeport	S. Mirick
Whimbrel				
08-08	3	Seabrook	Hampton Harbor	S. Mirick, M. Suomala
08-21	3	Rye	Jeness Beach	D. Donsker, D. Tucker, S. Mirick, ASNH FT
08-21	14	Seabrook	mussel beds	A.& B. Delorey
08-22	1	Portsmouth	Pease Golf Course	A.& B. Delorey
08-29	5	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-18	6	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
Hudsonian Godwit				
08-08	1	Seabrook	Hampton Harbor	S. Mirick, M. Suomala
08-14	1	Hampton	Henry's Pool	A.& B. Delorey
08-21	2	Seabrook	Rt. 286 pools	D. Donsker, D. Tucker, ASNH FT
09-21	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
Ruddy Turnstone				
08-02	52	Rye	White & Seavey Islands	D. Hayward
08-05	42	Rye	White & Seavey Islands	D. Hayward, D. Trested
08-14	1	Moultonborough	Yard Islands, Squam Lake	A. Groth
08-18	83	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
08-30	1	Madbury	Bellamy Reservoir	S. Mirick
08-31	5	Rye		R. Crowley
Red Knot				
08-29	1	Seabrook	Hampton Harbor	J. Johnstone, D. Abbott, D. Donsker
Sanderling				
08-13	73	Seabrook	mussel beds	A.& B. Delorey
08-28	80		NH coast	S. Mirick, M. Suomala, et al.
09-11	103	N. Hampton	N. Hampton State Beach	A.& B. Delorey
09-12	50	N. Hampton	N. Hampton State Beach	D. Donsker, M. Resch
10-12	110	Hampton	Hampton Beach St. Pk.	S. Mirick
Semipalmated Sandpiper				
08-13	200	Hampton Falls	Depot Rd.	A.& B. Delorey
08-14	200	Hampton	Henry's Pool	A.& B. Delorey
08-16	6	Monroe	Connecticut R. mud flat	B. Bradley, E. Emery
08-17	10	Derry	wastewater treatment plant	A. Delorey
08-20	3	Conway	Saco R., East Conway	R. Crowley
08-22	2	Monroe	Connecticut R.	B. Bradley
10-12	70	Hampton	Hampton Beach St. Pk.	S. Mirick
10-28	4	Hampton	Hampton Beach	R. Quinn, M. Haig, J. Allen

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Western Sandpiper				
08-12	2	Hampton Falls	Depot Rd. pools	S. Mirick, M. Suomala, P. Lacourse
08-21	1	Hampton	Henry's Pool	A.& B. Delorey
Least Sandpiper				
08-10	10	Rumney	Quincy Bog NA	A. Ports
08-16	166	Monroe	Connecticut R. mud flat	B. Bradley, E. Emery
08-17	2	Walpole	Connecticut R. below Bellows Falls	W. McCumber
08-17	100	Derry	wastewater treatment plant	A. Delorey
08-19	20	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
08-22	50	Exeter	wastewater treatment plant	S. Mirick, F. Sladen
09-05	3	Enfield	Main Street Pond	P. Hunt
09-11	6	Meredith	behind Meredith shopping center	T. Vazzano
White-rumped Sandpiper				
08-28	8	Seabrook	Hampton Harbor	S. Mirick, M. Suomala
09-12	3	N. Hampton	N. Hampton State Beach	D. Donsker, M. Resch
09-15	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
10-28	2	Hampton	Hampton Beach	R. Quinn, M. Haig, J. Allen
Baird's Sandpiper				
08-21	1	Rye	Odiorne Pt. pool	A.& B. Delorey
08-22	1	Exeter	wastewater treatment plant	S. Mirick
08-31	1	Rye	Jeness Beach	T. Vazzano, B. Bruni
09-04	1	Enfield	mouth of Mascoma R., Mascoma Lake	P. Hunt, M. Krenitsky, J. Granton, J. Block, C. Wellborn, et al.
09-11	1	Enfield	mouth of Mascoma R., Mascoma Lake	P. Hunt
09-12	1	N. Hampton	N. Hampton State Beach	D. Donsker, M. Resch
Pectoral Sandpiper				
08-16	1	Hampton	marsh behind Little Jack's, Rt. 1A	D. Donsker
09-09	1	Enfield	Main Street Pond	P. Hunt
10-07	60	Exeter	wastewater treatment plant	S. Mirick
10-07	2	Littleton	Connecticut R. mud flat	B. Bradley
10-08	8	Derry	wastewater treatment plant	A. Delorey
10-12	12	Seabrook	Rt. 286 pools	S. Mirick
10-14	2	Conway	East Conway Rd.	R. Crowley
10-28	1	Exeter	wastewater treatment plant	S. Mirick
11-10	4	Durham	Mast Rd. fields	C. Federer
Purple Sandpiper				
11-20	15	Seabrook	Seabrook Park area	J. McIlwaine, F. Krauss
Dunlin				
09-17	3	N. Hampton	N. Hampton State Beach	A.& B. Delorey
10-07	1	Exeter	wastewater treatment plant	S. Mirick
10-19	1	Chesterfield	Spofford Lake	C. Martin, L. Deeming
11-27	13	Hampton	Bicentennial Park	R. Woodward
Buff-breasted Sandpiper				
09-08	1	Portsmouth	Pease Golf Course	T. Vazzano, B. Bruni
09-18	1	Portsmouth	Pease Golf Course	S. Mirick

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Short-billed Dowitcher				
08-07	14	Seabrook	mussel beds	A.& B. Delorey
08-12	28	Hampton	Hampton Marshes	S. Mirick, P. Lacourse, M. Suomala
08-14	10	Hampton	Henry's Pool	A.& B. Delorey
08-21	20	Hampton	marsh behind Little Jack's, Rt. 1A	D. Donsker, D. Tucker, ASNH FT
08-22	12	Hampton	Henry's Pool	A.& B. Delorey
09-04	1	Enfield	Main Street Pond	P. Hunt
09-22	14	Hampton	Henry's Pool	R. Crowley
Long-billed Dowitcher				
08-14	1	Hampton	Henry's Pool, Hampton Marsh	A.& B. Delorey
08-22	1	Hampton	Henry's Pool	A.& B. Delorey
Common Snipe				
09-06	7	Littleton	Connecticut R. mud flat	B. Bradley
09-09	1	Enfield	Main Street Pond	P. Hunt
09-11	1	Chester	Hillside Haven	A. Delorey
09-20	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-28	5	Haverhill	Lily Pond, Pike	B. Bradley
10-06	1	Conway	East Conway Rd.	R. Crowley
10-09	2	Exeter	wastewater treatment plant	A.& B. Delorey
10-30	1	Holderness	Outback Driving Range	J. Williams
11-11	1	Holderness	Outback Driving Range	J. Williams
American Woodcock				
11-08	1	Keene	Granite Bank, Gilbo Ave.	M. Wright
Red Phalarope				
09-17	1	Rye	Star Island, Isles of Shoals	R. Suomala
10-02	1	Piermont	Connecticut R. at Eastman Brook	L. Bunten
Parasitic Jaeger				
08-22	1	N. Hampton	North Hampton State Beach	A.& B. Delorey
11-01	1	Rye	Ragged Neck	R. Quinn, G. Robbins, A.& B. Delorey
Laughing Gull				
08-16	1	Hampton	marsh behind Little Jack's, Rt. 1A	D. Donsker
08-21	2	Rye	Jenness Beach	D. Donsker, D. Tucker, S. Mirick, ASNH FT
08-21	2	Rye	coast s. of Odiorne Pt.	D. Donsker, D. Tucker, S. Mirick, ASNH FT
08-28	13		NH coast	S. Mirick, M. Suomala, et al.
09-20	6		NH coast	S. Mirick
10-23	1	Hampton	Bicentennial Park	S. Mirick, Maine Audubon FT
11-26	1	Rye	Foss Beach	A.& B. Delorey
Black-headed Gull				
08-28	1	Rye	Rye Ledge	D.& T. Donsker
09-17	1	N. Hampton	N. Hampton State Beach	A.& B. Delorey, D. & T. Donsker
11-23	2	Hampton	Bicentennial Park	S. Mirick, T. Vazzano
11-27	1	Hampton	Bicentennial Park	R. Woodward

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Bonaparte's Gull				
08-03	1	Manchester	Massabesic Lake Park	R. Andrews
08-13	1		Connecticut R. between Bellows Falls and Brattleboro, VT	W.& S. McCumber
08-16	26		NH coast	R. Crowley
09-17	60	Seabrook	marina	A.& B. Delorey
09-17	14	Enfield	Mascoma Lake	P. Hunt
10-21	17	Newmarket	Great Bay	S. Mirick
Ring-billed Gull				
09-28	3	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
11-11	450	Newmarket	Great Bay	S. Mirick
Herring Gull				
11-07	800	Littleton	Samuel Moore Dam	B. Bradley
Lesser Black-backed Gull				
10-13	1	Somersworth	Willand Pond	S. Mirick
11-14	2	Rochester	wastewater treatment plant	S. Mirick
11-17	1	Rochester	wastewater treatment plant	S. Mirick
11-19	1	Rochester	wastewater treatment plant	S. Mirick
Great Black-backed Gull				
08-25	28	Berlin	Androscoggin R.	R. Quinn
11-10	100	Berlin	Androscoggin R.	R. Quinn, T. Richards
Black-legged Kittiwake				
11-03	1	Rye	Ragged Neck	A.& B. Delorey
Caspian Tern				
09-04	8	Seabrook	harbor mud flats	B.& A. Delorey
09-20	1	Rye	Ragged Neck	S. Mirick
10-17	2	Rye	Odiome Pt. St. Pk.	R. Quinn, S. Mirick, G. Robbins
Roseate Tern				
08-01	12	Rye	White & Seavey Islands	D. Hayward
08-10	40	Rye	White & Seavey Islands	D. Hayward, D. Trested
08-25	2	New Castle	Little Harbor	S. Mirick, J. Farrell
08-28	20		NH coast	S. Mirick, M. Suomala, et al.
Common Tern				
08-01	400	Rye	White & Seavey Islands	D. Hayward
08-03	2	Manchester	Massabesic Lake	R. Andrews
08-10	500	Rye	White & Seavey Islands	D. Hayward, D. Trested
08-22	65	Hampton	Bicentennial Park	A.& B. Delorey
08-25	40	New Castle	Little Harbor	S. Mirick, J. Farrell
08-28	94	Rye	Ragged Neck	A.& B. Delorey
08-28	400		NH coast	S. Mirick, M. Suomala, et al.
09-04	472		NH coast	A.& B. Delorey
09-17	8	Enfield	Mascoma Lake	P. Hunt
10-12	2	Hampton	Hampton Beach St. Pk.	S. Mirick
Arctic Tern				
09-04	1	Seabrook	mussel beds	A.& B. Delorey

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Forster's Tern				
08-28	1	Seabrook	Hampton Harbor	S. Mirick, M. Suomala, et al.
09-04	2	Hampton	Bicentennial Park	A. Delorey
10-12	4	Hampton	Hampton Beach St. Pk.	S. Mirick
10-17	2	Rye	Odiorne Point St. Pk.	S. Mirick, B. Quinn, G. Robbins
Least Tern				
08-11	1	Seabrook	Hampton Harbor	S. Mirick
Black Tern				
08-11	1	Seabrook	Hampton Harbor	S. Mirick

Alcids Through Starling

Banding data from southern Maine and Massachusetts showed that the fall of 1999 was a very productive one for migrant Northern Saw-whet Owls. A banding station in Freeport, Maine, had captured over 200 different birds by mid-October; however, these birds pass through New Hampshire unobtrusively, as is shown by only two New Hampshire reports for the fall. The Northern Saw-whet Owl reported from Star Island is unusual this far offshore; it ended up in the mist nets and was banded.

Common Nighthawks peaked in the three-day period from August 24-26, which is just about average for this explosive and punctual migrant. Six Red-bellied Woodpeckers and 11 Carolina Wrens were reported for the fall. These southern species continue to maintain small populations in southern New Hampshire after expanding their ranges from the south over the last ten years.

A migrant Gray-cheeked Thrush was carefully observed in Nashua on September 23. This enigmatic migrant from Canada poses a difficult identification problem with the very similar Bicknell's Thrush, which nests in the White Mountains of New Hampshire. The recent reclassification by the American Ornithologists' Union (see *NHBR*: Winter 1995-96) of the Gray-cheeked Thrush as a distinct species from the Bicknell's Thrush has confused our understanding of these two species' status as they migrate through the state.

Northern Shrikes had a good fall with their first invasion since 1995. Twenty-six birds were reported from throughout the state. Philadelphia Vireos were more commonly reported than in past years, with a very early bird banded on White Island on August 20. Eight Fish Crows is the most ever reported during a fall season, but not unexpected for this increasing species and from a traditional nesting location. Swallows were generally not well reported (only two Tree Swallows reported for the fall!). The most interesting report was a great count of 36 Northern Rough-winged Swallows from Seabrook on August 14 and rare off-shore sightings of Bank, Northern Rough-winged, and Cliff Swallows from Star Island. Late Cliff Swallows were once again reported by this editor, with one bird seen with a Barn Swallow on October 23.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Razorbill				
11-26	6	Rye	Ragged Neck	A. & B. Delorey
11-27	1	N. Hampton	Bicentennial Park	S. Mirick, R. Woodward
Black Guillemot				
08-21	1	Rye	s. of Odiorne Pt.	S. Mirick
11-25	3	Seabrook	Seabrook Beach	S. Mirick
11-26	4	Rye	Ragged Neck	A. & B. Delorey
Mourning Dove				
10-15	250	Conway	East Conway Rd.	R. Crowley
11-18	28	Columbia	residence	B. & D. Killam
Black-billed Cuckoo				
08-04	1	New London	Pingree Rd.	R. Vernon
08-05	1	Haverhill	Haverhill Corner, Rt. 10	A. Mudge
08-22	1	Concord	residence	R. Woodward
Yellow-billed Cuckoo				
08-12	1	New Hampton	Coolidge Woods Rd.	C. Martin
09-01	6	Rye	Star Island Banding Station	R. Suomala, et al.
09-04	1	Enfield	Main Street Pond	P. Hunt
09-21	1	Concord	residence	R. Woodward
10-02	1	Rye	Odiorne Pt. St. Pk.	A. & B. Delorey
Short-eared Owl				
10-12	1	Hampton	Hampton Harbor Inlet	S. Mirick
11-07	1	Rye	Pulpit Rocks	S. Mirick, G. Robbins, R. Woodward, et al.
11-21	1	Weare	Poor Farm Rd.	R., F., & L. Reeve, A. Mills
Northern Saw-whet Owl				
09-26	1	Rye	Star Island Banding Station	R. Suomala, et al.
10-21	1	Errol	Rt. 16 near Magalloway R.	R. Quinn
Common Nighthawk				
08-04	1	Keene	K-Mart, West St.	M. Wright
08-22	12	Newport	John Cain Golf Club	D. Ekstrom, K. McShane
08-24	50	Milford	Rt. 101 & Rt. 13	M. Neveu
08-24	8	Merrimack	Naticook Lake	R. Allard
08-24	38	Canterbury	Peverly Meadow	R. Quinn
08-25	21	Concord	residence	R. Woodward
08-26	28	Keene	rec. center, Washington St.	M. Wright, S. Webb, J. Andrew
09-09	1	Lyman	Dodge Pond	S. & M. Turner, et al.
09-11	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-18	2	Rye	Odiorne Pt. hawk watch	S. Mirick, P. Lacourse
Whip-poor-will				
08-03	1	Chester	Rod & Gun Club Rd.	A. & B. Delorey
08-25	1	Newbury	Stoney Brook WS	C. Martin
09-03	1	Pembroke	4th Range Rd.	W. Goodwill
09-05	2	Marlow	Bain Rd.	R. & J. Allard
Chimney Swift				
10-09	5	Exeter	wastewater treatment plant	S. Mirick, A. Eaton, D. Hopkins

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Ruby-throated Hummingbird				
09-25	1	Chatham	residence	R. Crowley
09-27	1	Pittsfield	Tilton Hill Rd.	A. Robbins
10-02	1	Canterbury	Baptist Hill Rd.	M. Quinn
Belted Kingfisher				
08-27	13	Errol	Lake Umbagog	R. Quinn
Red-bellied Woodpecker				
10-14	1	Durham	Longmarsh Rd.	S. Cardwell
10-29	1	Mason		L. Vaughan
10-29	1	Hooksett		F. Lavoisier
11-24	1	Durham	Oyster River Rd.	C. Federer
11-26	1	Rumney	Quincy Rd.	B. & B. Taffe
Yellow-bellied Sapsucker				
09-19	3	Rye	Star Island	A. & B. Delorey
09-27	1	Rye	Star Island Banding Station	R. Suomala, et al.
10-03	1	Columbia	residence	D. Killam
10-09	1	Gilsum	Hammond Hollow	M. Wright
Black-backed Woodpecker				
08-06	2	Cambridge	Mollidgewock Brook drainage	C. Martin
08-07	2	Bethlehem	Trudeau Rd.	B. Taffe
10-16	1	Carroll	e. of Brook Trail, WMNF	G. Gavutis
10-21	1	Cambridge	off Rt. 26	R. Quinn
Northern Flicker				
08-19	30	Jefferson	Cherry Pond	S. & M. Turner
09-19	12	Rye	Star Island	A. & B. Delorey
09-27	15	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
10-06	12	Gilsum	Hammond Hollow	M. Wright
Olive-sided Flycatcher				
08-08	2	Unity	Quaker City beaver pond	W. McCumber
Eastern Wood-Pewee				
09-02	2	Kensington	Rt. 107 residence	G. Gavutis
09-19	2	Lancaster	Weeks St. Pk.	S. Turner, B. Crowley, D. Mallion
09-29	1	Rye	Star Island Banding Station	R. Suomala, et al.
10-06	1	Hopkinton	Elm Brook Park	P. Newbern
Yellow-bellied Flycatcher				
08-06	1	Cambridge	Mollidgewock Brook drainage	C. Martin
08-06	1	Errol	Eames Rd.	C. Martin
Least Flycatcher				
08-18	2	Canterbury	Baptist Hill Rd.	R. Quinn
09-05	1	Plymouth	Pine Gate Rd.	J. Williams
09-10	2	Gilsum	Hammond Hollow	M. Wright
Eastern Phoebe				
10-22	1	Waterville Valley	wastewater treatment plant	J. Williams
10-24	1	Concord	residence	R. Woodward
11-18	1	Weare	Colby Rd. residence	S., A., J. Thompson

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Great Crested Flycatcher				
08-12	1	Bristol	Pemigewasset R.	C. Martin
09-09	1	Chichester	Smith Sanborn Rd.	M. Suomala
Eastern Kingbird				
08-10	14	Bath	Ammonoosuc R.	B. Bradley
08-27	3	Exeter	Exeter Hospital	G. Prazar
09-01	1	Auburn		R. Andrews
09-17	1	Enfield	Shaker Bridge	Wayne Scott
Northern Shrike				
10-17	1	Sandwich	Whiteface Intervale	T. Vazzano
10-17	1	Rye	Odiorne Point St. Pk.	S. Mirick, B. Quinn, G. Robbins
10-26	1	Meredith	residence	F. Eames
10-28	1	Haverhill	Bedell Bridge Park	B. Bradley
10-29	1	Peterborough	Fremont CA	R. Frechette
10-31	1	Gilsum	Hammond Hollow	M. Wright
11-02	1	Brookfield	Wentworth Rd.	J. LaBelle
11-04	1	Auburn	Massabesic Audubon Center	I. MacLeod
11-09	1	Berlin		R. Quinn, T. Richards
11-11	1	Durham	Rt. 108	S. Mirick
11-11	1	Salisbury	Mountain Rd.	L. Deming
11-14	1	Exeter	wastewater treatment plant	S. Mirick, ASNH FT
11-17	1	Columbia	residence	B.& D. Killam
11-19	1	Dummer	Sessions Brook	R. Quinn, T. Richards
11-21	1	Enfield	Rt. 4	P. Hunt, M. Krenitsky
11-25	1	Rye	Ragged Neck	S. Mirick
11-28	1	Laconia	Laconia Country Club, Elm St.	H. Anderson
11-29	1	Sandwich	Thompson WS	T. Vazzano
Yellow-throated Vireo				
09-12	1	Rye	Star Island Banding Station	R. Suomala, et al.
09-14	1	Derry	Ballard Marsh	A. Delorey
10-06	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
Blue-headed Vireo				
08-16	5	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
08-26	11		Lake Umbagog region	R. Quinn
09-04	2	Holderness	wetlands s. of Rt. 175A	J. Williams
09-11	3	Laconia	Prescott Farm Audubon Center	T. Vazzano
10-05	5	Gilsum	Hammond Hollow	M. Wright
10-15	1	Rochester	along RR near airport	S. Richardson
10-24	1		Lower Mascoma Lake	P. Hunt
Warbling Vireo				
08-16	1	Gilsum	Hammond Hollow	M. Wright
09-04	1	Lyman	Dodge Pond	S. Turner
09-04	3	Holderness	wetlands s. of Rt. 175A	J. Williams
Philadelphia Vireo				
08-20	1	Rye	Star Island Banding Station	R. Suomala
08-26	1	Dixville	Rt. 26	R. Quinn
08-27	2	Wentworths	Location; Magalloway R.	R. Quinn
09-01	3	Rumney	Stinson Mtn., WMNF	J. Williams
09-12	1	Rye	Odiorne Pt. St. Pk.	D. Donsker, M. Resch
09-19	1	Rye	Star Island	A.& B. Delorey

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Red-eyed Vireo				
08-26	28		Lake Umbagog region	R. Quinn
08-30	15	Rye	Star Island Banding Station	R. Suomala
09-11	8	Laconia	Prescott Farm Audubon Center	T. Vazzano
09-20	5	Newbury	residence	P. Newbern
10-15	1	Rye	Odiorne Pt. St. Pk.	S. Mirick
10-17	1	Rye	Odiorne Pt. St. Pk.	S. Mirick, B. Quinn, G. Robbins
Gray Jay				
08-06	3	Errol	near Eames Rd.	C. Martin
08-06	2	Errol	Mountain Pond drainage	C. Martin
09-17	2	Franconia	Greenleaf Hut	R. Jones
Blue Jay				
09-12	150	Lancaster	Weeks St. Pk.	S. & M. Turner
09-19	156	New Boston	residence	C. Carr
American Crow				
09-25	200	Plymouth	Long View Farm	J. Williams
10-22	300	Deering	Baldwin Rd. off Reservoir Rd.	L. & P. Sunderland
10-27	100	Henniker	Shaker Hill	R. Hardy
10-28	500	Gilford	Country Club Rd.	H. Anderson
11-19	260	Monroe	farm field	B. Bradley
11-29	100	Portsmouth	downtown	S. Mirick, P. Mueller
Fish Crow				
09-14	8	Manchester	Massabesic Lake Park	R. Andrews
09-26	1	Manchester	Second St. near river	G. Robbins
Horned Lark				
10-20	30	Milan	Rt. 16	R. Quinn
11-07	32	Sandwich	fairgrounds	T. Vazzano
11-10	75	Concord	Horseshoe Pond	C. Martin
11-10	300	Durham	Mast Rd. fields	C. Federer
11-21	7	Gilford	Lily Pond, Laconia Airport	J. Williams
Tree Swallow				
10-09	2	Exeter	wastewater treatment plant	S. Mirick
Northern Rough-winged Swallow				
08-14	36	Seabrook	marina	A. & B. Delorey
08-31	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
Bank Swallow				
08-04	21	Bath	farm field	B. Bradley
08-26	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
Cliff Swallow				
08-27	2	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
10-09	1	Exeter	wastewater treatment plant	S. Mirick, A. Eaton, D. Hopkins
10-23	1	Hampton	Bicentennial Park	S. Mirick, et al.
Barn Swallow				
08-04	106	Lisbon		B. Bradley
08-27	94	Bath	farm field	B. Bradley
10-09	2	Exeter	wastewater treatment plant	S. Mirick
10-23	1	Hampton	Bicentennial Park	S. Mirick, Maine Audubon FT

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Boreal Chickadee				
08-02	1	Benton	Benton Trail, Mt. Moosilaukee	C. & J. Tewksbury
08-06	4	Cambridge	Mollidgewock Brook drainage	C. Martin
08-06	6	Errol	off Eames Rd.	C. Martin
08-15	1	Jefferson	Little Cherry Pond, Pondicherry WS	D. Govatski, C. Bretton
08-23	2	Chatham	Meader Ridge Trail	R. Crowley
08-29	9	Beans Purchase	Wildcat Ridge Trail, A to E	D. Govatski, C. Bretton, S. Stoddard
10-11	1	Canterbury	Baptist Hill Rd.	R. Quinn
10-21	1	Rumney	Quincy Bog	P. Hunt
Red-breasted Nuthatch				
08-07	1	Rye	White & Seavey Islands	D. Hayward, D. Trested
08-18	5	Rye	Star Island Banding Station	R. Suomala
09-19	1	Nashua	residence	B. & J. Ayer
10-01	1	Nashua	Clovercrest Dr. residence	B. & M. Harris
11-10	11	Wentworths Location;	Rt. 16	R. Quinn
11-10	1	Pembroke	N. Pembroke Rd.	K. Palfy
White-breasted Nuthatch				
Sept.	2	Rye	Star Island Banding Station	R. Suomala, et al.
Carolina Wren				
08-06	1	Kensington	Rt. 107 residence	G. Gavutis
08-08	1	Rye	Straw Point	S. Mirick, M. Suomala
08-12	1	Nashua	Dublin Ave. backyard	M. Haig
08-20	2	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-11	1	Windham	residence	J. Romano
09-19	1	Lebanon	near Mascoma Lake dam	B. Johnstone
09-20	1	Wentworth	residence	A. Ports
10-08	1	Rochester	ne. of post office	S. Richardson
10-10	1	Albany	Lovejoy Marsh WS	J. & D. Coskren
11-17	1	Haverhill	French Pond Rd., Woodsville	C. Edson
Winter Wren				
08-30	2	Rumney	Stinson Mtn., WMNF	J. Williams
10-15	2	Rochester	along RR near airport	S. Richardson
11-07	1	Pittsfield	Tilton Hill Rd.	G. Robbins
11-21	1	Concord	Horseshoe Pond	R. Woodward
Marsh Wren				
08-01	10	Stratham	Squamscott R.	S. Mirick, T. O'Keefe
09-12	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
Golden-crowned Kinglet				
08-26	59		Lake Umbagog region	R. Quinn
10-09	6	Gilsum	Hammond Hollow	M. Wright
10-27	13	Berlin	York Pond Trail, WMNF	J. Williams
Ruby-crowned Kinglet				
09-13	1	Rye	Star Island Banding Station	R. Suomala, et al.
09-26	5	Plymouth	residence	J. & R. Williams
09-30	9	Holderness	US Forest Service office	J. Williams
10-17	11		Lower Mascoma Lake	P. Hunt
11-23	1	Rochester	Hanson Pines City Park	S. Richardson

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Blue-gray Gnatcatcher				
08-22	1	Kensington	Cottage Hill	G. Gavutis
09-12	2	Rye	Odiorne Pt. St. Pk.	D. & T. Donsker, M. Resch
Eastern Bluebird				
09-05	6	Plymouth	Mormon church, Fairgrounds Rd.	J. Williams
09-13	7	Campton	Pulsifer's Farm	J. Williams
09-20	5	Sunapee	Harding Hill Rd.	G. Stansfield
09-25	20	Chatham	Rt. 113 near Mt. Meader Trail	D., J. & J. Romano
09-30	6	Easton	airport	J. McIlwaine
10-05	6	Plymouth	Fairgrounds Rd.	J. Williams
10-10	24		Lower Mascoma Lake	P. Hunt
10-29	7	Gilsum	Hammond Hollow	M. Wright
11-20	4	Chester	Hillside Haven	A. Delorey
Veery				
09-12	1	Rye	Odiorne Pt. St. Pk.	D. Donsker, M. Resch
09-12	1		Lower Mascoma Lake	P. Hunt
09-27	2	Rye	Star Island Banding Station	R. Suomala, et al.
10-05	2	Plymouth	Pine Gate Rd. residence	J. Williams
Gray-cheeked Thrush				
09-23	1	Nashua	off Spit Brook Rd.	A. Delorey
Swainson's Thrush				
08-06	3	Cambridge	Mollidgewock Brook drainage	C. Martin
09-12	2	Rye	Odiorne Pt. St. Pk.	D. & T. Donsker, M. Resch
09-20	3	Campton	Bog Rd.	J. Williams
09-23	1	Nashua	Deerhaven Dr.	R. Andrews
09-28	2	Moultonborough;	Markus WS	T. Vazzano, B. Bruni, H. Vogel
09-28	1	Rye	Star Island Banding Station	R. Suomala, et al.
10-11	2	Gilsum	Hammond Hollow	M. Wright
Hermit Thrush				
10-05	3	Gilsum	Hammond Hollow	M. Wright
10-05	2	Plymouth	Pine Gate Rd. residence	J. & R. Williams
10-16	3	Ashland	Mill Pond	J. Williams
10-18	5	Sandwich	Thomson WS	T. Vazzano
10-27	5	Unity	Quaker City	W. McCumber
10-28	2	Goshen	Rand Farm, Ekberg Rd.	G. Stansfield
11-02	1	Waterville Valley;	Hardy Brook Rd., WMNF	J. Williams, S. Nistler
Wood Thrush				
09-08	1	Pembroke	N. Pembroke Rd.	K. Palfy
09-14	1	Gilsum	Hammond Hollow	M. Wright
10-07	1	Canterbury	Baptist Hill Rd.	R. Quinn
Gray Catbird				
10-05	4	Gilsum	Hammond Hollow	M. Wright
10-17	1	Holderness	wetlands s. of Rt. 175A	J. Williams
11-04	1	Concord	Donovan St.	R. Woodward
11-13	1	Nashua	residence	J. & B. Ayer
Brown Thrasher				
10-06	2	Rye	Odiorne Pt. St. Pk.	A. & B. Delorey
10-23	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
10-26	1	Berlin	York Pond Rd., WMNF	J. Williams
11-11	1	Rye	Odiorne Pt. St. Pk.	R. Woodward

Pipit Through Indigo Bunting

An American Pipit photographed in Exeter on August 22 was about a month early for this migrant. Bohemian Waxwings had a good fall, with the biggest concentrations coming from the traditional locations near Plymouth State College. The ornamental fruit trees around the campus make this one of the most reliable spots to find this elusive nomadic species.

Warblers were generally not well reported. A few groups of migrants were noted, including a mixed flock of about 35 birds feeding on the ground near the Prescott Farm Audubon Center in Laconia. The most interesting warblers, however, came from Star Island, where Rebecca Suomala had been banding birds as part of her research work. The **Black-throated Gray Warbler** she reported from the island was well documented with photographs and descriptions and constitutes the state's first documented record for this species in the state. The 31 **Yellow-breasted Chats** banded on the island during the fall are a remarkable total for this rare southern species; however, the Yellow-breasted Chat found in the clutches of a cat in Berlin on October 1 is an exceptional sighting for this far north in the state.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
American Pipit				
08-22	1	Exeter	wastewater treatment plant	S. Mirick
09-11	1	Holderness	Outback Driving Range	J. Williams
09-25	39	Plymouth	airport fields	B. Taffe
10-06	30	Conway	East Conway Rd.	R. Crowley
11-01	24	Chester	Hillside Haven	A. & B. Delorey
11-09	3	Meredith	Moulton Farm	J. Merrill
11-20	7	Chester	Hillside Haven	A. & B. Delorey
Bohemian Waxwing				
10-30	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-07	25	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-10	7	Errol	village	R. Quinn
11-13	15	Holderness	Plymouth State College	J. Williams
11-18	9	Dummer	Rt. 16 near Sessions Brook	C. Martin
11-19	100	Plymouth	Rounds Hall, Plymouth State College	J. Williams
11-20	100	Holderness	Plymouth State College field house	J. Williams
11-25	75	Plymouth	downtown	J. Williams
11-28	46	Littleton	Old Partridge Lake Rd.	B. Bradley
11-29	110	Gilford	Swain Rd.	H. Anderson
11-30	40	Enfield	Riverside Dr.	P. Hunt
Cedar Waxwing				
11-25	250	Plymouth	downtown	J. Williams
Blue-winged Warbler				
08-17	1	Rye	Star Island Banding Station	R. Suomala
09-14	1	Rye	Star Island Banding Station	R. Suomala, et al.
09-24	1	Chester	Hillside Haven	A. Delorey

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Tennessee Warbler				
08-16	1	Sandwich	Guinea Pond Trail	T. Vazzano
08-27	1	Second College	Grant; airstrip	R. Quinn
09-08	1	Newbury	residence	P. Newbern
09-18	1	Rye	Star Island Banding Station	R. Suomala, et al.
09-19	1		Lower Mascoma Lake	P. Hunt
09-25	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
Orange-crowned Warbler				
09-09	1	Gilsum	Hammond Hollow	M. Wright
10-23	1	Exeter	Powder House Pond	S. Mirick, et al.
Nashville Warbler				
09-20	1	Newbury	residence	P. Newbern
09-25	3	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-03	1	Lyman	Flagg Pond	B. Bradley
10-17	1	Enfield	Riverside Dr.	P. Hunt
Northern Parula				
09-06	1	Goshen	Rand Farm	G. Stansfield
09-08	2	Newbury	residence	P. Newbern
09-11	1	Laconia	Prescott Farm Audubon Center	T. Vazzano
09-12	1	Rye	Odiorne Pt.	D.& T. Donsker, M. Resch
09-20	2	Newbury	residence	P. Newbern
09-24	1	Middleton	residence	S. Snyder
09-26	1	Newbury	residence	P. Newbern
Yellow Warbler				
08-20	9	Rye	Star Island Banding Station	R. Suomala
08-26	1	Londonderry	Devonshire Lane	H. Chary
09-12	1	Rye	Odiorne Pt.	D.& T. Donsker, M. Resch
09-27	1	Rye	Star Island Banding Station	R. Suomala, et al.
Chestnut-sided Warbler				
08-16	4	Gilsum	Hammond Hollow	M. Wright
08-20	1	Columbia	residence	D. Killam
09-04	1	Plymouth	Pine Gate Rd.	J. Williams
09-08	1	Newbury	residence	P. Newbern
09-15	1	Gilsum	Hammond Hollow	M. Wright
Magnolia Warbler				
08-16	15	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
08-17	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
08-26	15		Lake Umbagog region	R. Quinn
09-20	1	Newbury	residence	P. Newbern
10-01	1	Holderness	US Forest Service office	J. Williams
Cape May Warbler				
08-19	3	Rye	Star Island Banding Station	R. Suomala
08-30	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
Black-throated Blue Warbler				
08-23	6	Chatham	N. Chatham	R. Crowley
08-25	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
08-30	2	Rumney	Stinson Mtn., WMNF	J. Williams
09-15	5	Gilsum	Hammond Hollow	M. Wright
09-19	2	Rye	Star Island	A.& B. Delorey

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
10-05	2	Goshen	Ekberg Rd. residence	G. Stansfield
10-15	1	Canterbury	Baptist Hill Rd.	R. Quinn
10-27	1	Manchester	residence	K. Dwyer, K. Lynch
Yellow-rumped Warbler				
08-16	30	Littleton	Moore Reservoir	S. Turner
08-19	1	Rye	Star Island Banding Station	R. Suomala
09-10	32	Washington	Pillsbury St. Pk.	G. Stansfield
09-15	17	Gilsum	Hammond Hollow	M. Wright
09-27	20	Hampton Falls	saltmarsh area off Depot Rd.	J. Romano
09-27	75	Rye	Star Island Banding Station	R. Suomala, et al.
09-29	30	Sandwich	Chick's Corner	T. Vazzano, B. Burni
10-02	58		Lower Mascoma Lake	P. Hunt
10-09	76	Rye	Odiorne Pt. St. Pk.	A. & B. Delorey
10-10	30		Squam Lake shores & islands	A. Groth
10-21	12	Laconia	Laconia Country Club, Elm St.	H. Anderson
10-22	29	Waterville Valley	wastewater treatment plant	J. Williams
10-23	12	Exeter	Phillips Exeter Academy	R. Aaronian
Black-throated Gray Warbler				
09-21	1	Rye	Star Island, Isles of Shoals	R. Suomala, J. Weldon
09-22	1	Rye	Star Island, Isles of Shoals	G. Stansfield, R. Suomala
Black-throated Green Warbler				
08-16	8	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
09-11	4	Laconia	Prescott Farm Audubon Center	T. Vazzano
09-11	8	Whitefield	Pondicherry WS access	R. Quinn, Pemigewasset Chapter FT
09-15	8	Franconia	bike trail	R. Crowley
09-15	6	Gilsum	Hammond Hollow	M. Wright
09-26	3	Newbury	residence	P. Newbern
10-01	2	Holderness	US Forest Service office	J. Williams
10-11	2	Canterbury	Baptist Hill Rd.	R. Quinn
Blackburnian Warbler				
08-16	1	Holderness	US Forest Service office	J. Williams
08-20	1	Columbia	residence	D. Killam
09-08	1	Newbury	residence	P. Newbern
09-11	2	Laconia	Prescott Farm Audubon Center	T. Vazzano
09-11	1	Whitefield	Pondicherry WS access	R. Quinn, Pemigewasset Chapter FT
09-15	2	Newbury	residence	P. Newbern
Pine Warbler				
08-27	4	Tamworth	Chocorua Lake	R. Crowley
09-11	2	Laconia	Prescott Farm Audubon Center	T. Vazzano
09-20	1	Newbury	residence	P. Newbern
09-27	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
10-23	1	Rye	Odiorne Pt. St. Pk.	S. Mirick
11-26	1	Pittsfield	Tilton Hill Rd.	G. & A. Robbins
Prairie Warbler				
08-16	1	Rye	Star Island Banding Station	R. Suomala

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Palm Warbler				
09-01	1	Sandwich	Thompson WS	T. Vazzano, B. Bruni
09-12	3	Rye	Star Island Banding Station	R. Suomala, et al.
09-24	4	Chatham	trail to Mountain Pond	R. Crowley
09-25	5	Plymouth	Industrial Dr.	J. Williams
10-15	7	Rochester	along RR, milepost 77-79	S. Richardson
10-16	4	Ashland	Mill Pond	J. Williams
10-19	6	Rochester	ne. of post office	S. Richardson
11-06	6	Sandwich	Whiteface Intervale	T. Vazzano
11-07	1	Enfield	Main Street Pond	P. Hunt
Bay-breasted Warbler				
09-08	1	Newbury	residence	P. Newbern
09-19	1		Lower Mascoma Lake	P. Hunt
Blackpoll Warbler				
08-30	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-14	2	Nashua	Spit Brook Rd.	A. Delorey
09-15	5	Gilsum	Hammond Hollow	M. Wright
09-26	1	Newbury	residence	P. Newbern
10-05	1	Gilsum	Hammond Hollow	M. Wright
10-06	6	Rye	Odiorne Pt. St. Pk.	A.& B. Delorey
10-15	2	Rye	Odiorne Pt. St. Pk.	S. Mirick
10-16	1	Exeter	wastewater treatment plant	S. Mirick
10-19	1	Exeter	Powder House Pond	S. Mirick
10-24	3	Rye	Odiorne Point St. Pk.	S. Mirick, J. Matthews
11-05	1	Rye	Odiorne Point St. Pk.	S. Mirick
Black-and-white Warbler				
08-04	3	Gilsum	Hammond Hollow	M. Wright
08-19	2	Jefferson	Cherry Pond	S.& M. Turner
09-01	2	Rumney	Stinson Mtn., WMNF	J. Williams
09-20	1	Newbury	residence	P. Newbern
09-27	1	Gilsum	Hammond Hollow	M. Wright
American Redstart				
09-15	2	Gilsum	Hammond Hollow	M. Wright
09-20	1	Newbury	residence	P. Newbern
09-28	1	Nashua	Deerhaven Dr.	R. Andrews
Ovenbird				
08-30	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-08	1	Pembroke	N. Pembroke Rd.	K. Palfy
Northern Waterthrush				
08-15	1	Brookline	residence	M. Neveu
08-16	2	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
08-30	19	Rye	Star Island Banding Station	R. Suomala, et al.
09-28	1	Rye	Star Island Banding Station	R. Suomala, et al.
Mourning Warbler				
08-18	1	Rye	Star Island Banding Station	R. Suomala, et al.
08-19	1	Jefferson	Cherry Pond	S.& M. Turner
Common Yellowthroat				
08-19	10	Jefferson	Cherry Pond	S.& M. Turner
09-12	27	Rye	Star Island Banding Station	R. Suomala, et al.
10-09	1	Gilsum	Hammond Hollow	M. Wright

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
10-11	1	Moultonborough	Unsworth Preserve	A. Groth
10-13	2	Chatham	Langdon Brook Rd.	R. Crowley
11-27	1	Exeter	wastewater treatment plant	S. Mirick, M. Suomala
Wilson's Warbler				
08-16	2	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
08-18	1	Canterbury	Baptist Hill Rd.	R. Quinn
08-20	1	Tamworth	residence	C. & J. Tewksbury
08-21	1	Rye	Star Island, Isles of shoals	R. Suomala, et al.
09-24	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
Canada Warbler				
08-19	3	Jefferson	Cherry Pond	S. & M. Turner
08-21	2	Gilsum	Hammond Hollow	M. Wright
Yellow-breasted Chat				
August	9	Rye	Star Island, Isles of shoals	R. Suomala, et al.
Sept.	22	Rye	Star Island Banding Station	R. Suomala, et al.
09-26	1	Nashua	Deerhaven Dr.	R. Andrews
10-01	1	Berlin	Argonne St.	K. Dube, D. Killam
Scarlet Tanager				
09-05	2	Plymouth	Mormon Church, Fairgrounds Rd.	J. Williams
09-11	3	Laconia	Prescott Farm Audubon Center	T. Vazzano
09-26	2	Plymouth	Fairgrounds Rd.	J. Williams
09-28	1	Moultonborough	Markus WS	T. Vazzano, B. Bruni, H. Vogel
10-03	1	Canterbury	Baptist Hill Rd.	R. Quinn

Sparrows, Blackbirds, and Finches

Sparrows were generally unremarkable for the fall, with average numbers and dates. The exception was a tremendous flock of Dark-eyed Juncos in the vicinity of the fairgrounds in Sandwich. The total of 500 is the highest fall total reported in many years. Once again, Nelson's Sharp-tailed Sparrow reports were received from the coast during October, but insufficient documentation was submitted to allow for publication. This is a species that is still poorly known and requires thorough documentation. Out on Star Island, reports of **Lark Sparrow**, **Clay-colored Sparrow**, and **Dickcissel** were received for the fall with photographs or documentation. These species may be annual out on the islands but are rarely reported because of a lack of coverage.

Only two Bobolinks were reported for the fall, while other blackbirds were reported in average numbers. A rare **Yellow-headed Blackbird** in Milford on September 22 was one of the more interesting reports for the fall.

Common Redpolls and Pine Siskins began an irruptive winter with good numbers of reports from throughout the state in October and November. Evening Grosbeaks were well reported, but none of these reached the southeastern portion of the state. Scattered reports were received for Red Crossbills and Pine Grosbeaks, but no major movements were noted. The only White-winged Crossbills reported for the season came from Rye on November 7, where two were feeding on the ground for a happy group of birders on an ASNH field trip.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
American Tree Sparrow				
10-17	1	Holderness	field s. of Rt. 175A	J. Williams
10-21	2		Lake Umbagog region	R. Quinn
10-26	2		Bunnell Notch Trail, WMNF	J. Williams
10-27	2	Rochester	Glenwood Rd.	S. Richardson
10-28	23	Plymouth	Fairgrounds Rd. shoulder	J. Williams
10-30	23		Lower Mascoma Lake	P. Hunt
10-30	27	Holderness	fields s. of Rt. 175A	J. Williams
10-31	5	Middleton	residence	S. Snyder
11-10	17		Lake Umbagog region	R. Quinn, T. Richards
11-19	46	Bath	Abbott Ave. field	B. Bradley
Chipping Sparrow				
08-23	22	Gilsum	Hammond Hollow	M. Wright
08-25	14	Holderness	US Forest Service office	J. Williams, C. Carr
08-30	22	Holderness	Holderness School fieldhouse	J. Williams
09-30	16	Sugar Hill	Pearl Lake Rd.	J. McIlwaine
10-07	50	Littleton	Glenwood	B. Bradley
10-21	8		Lake Umbagog region	R. Quinn
11-21	5	Exeter	wastewater treatment plant	G. Prazar
Clay-colored Sparrow				
09-24	1	Rye	Star Island, Isles of Shoals	R. Suomala, G. Stansfield
Field Sparrow				
09-25	5	Newington	Great Bay NWR	A. & B. Delorey
10-07	1	Wentworth		A. Ports
11-21	1	Canterbury	Riverland CA	R. Quinn
Vesper Sparrow				
10-06	1	Hopkinton	Elm Brook Park	P. Newbern
10-25	1	Haverhill	Bedell Bridge Park	B. Bradley
10-27	2	Rochester	ne. of post office	S. Richardson
Lark Sparrow				
08-25	1	Rye	Star Island, Isles of Shoals	R. Suomala, K. Palfy
Savannah Sparrow				
09-04	3	Holderness	Outback Driving Range	J. Williams
09-26	3	Plymouth	cornfield	J. Williams
10-07	12	Conway	East Conway Rd.	R. Crowley
10-17	5	Holderness	Outback Driving Range	J. Williams
10-19	2	Rochester	ne. of post office	S. Richardson
10-30	2	Holderness	Outback Driving Range	J. Williams
11-21	1	Concord	Horseshoe Pond	R. Woodward
Grasshopper Sparrow				
09-21	1	Wentworth	Rt. 25	A. Ports
Saltmarsh Sharp-tailed Sparrow				
10-28	1	Hampton	saltmarsh	R. Quinn, M. Haig, J. Alley
Fox Sparrow				
10-18	1	Gilsum	Hammond Hollow	M. Wright
10-20	1	Bradford	top of Rowe Mtn. Rd.	M. Levin
10-24	3		Lower Mascoma Lake	P. Hunt
10-28	4	New London	Pingree Rd.	A. & R. Vernon
11-05	5	New London	Pingree Rd.	A. Vernon

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
11-11	6	Middleton	residence	R. & S. Snyder
11-26	1	Kensington	Rt. 107 residence	G. Gavutis
Song Sparrow				
10-03	32	Bath	Abbott Ave. field	B. Bradley
10-17	30	Holderness	fields & wetlands s. of Rt. 175A	J. Williams
10-23	20	Middleton	residence	S. Snyder
10-24	51		Lower Mascoma Lake	P. Hunt
Lincoln's Sparrow				
08-31	1	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
09-15	1	Gilsum	Hammond Hollow	M. Wright
09-19	1	Rye	Star Island	A. & B. Delorey
09-29	1	Sandwich	Whiteface Intervale	T. Vazzano, B. Burni
10-01	1	Chester	Hillside Haven	A. & B. Delorey
10-06	1	Hopkinton	Elm Brook Park	P. Newbern
Swamp Sparrow				
10-16	26	Sandwich	Whiteface Intervale	T. Vazzano
White-throated Sparrow				
09-19	17	Rye	Star Island	A. & B. Delorey
09-26	25	Plymouth	residence	J. & R. Williams
09-26	28	Rye	Star Island Banding Station	R. Suomala, et al.
10-06	50	Hopkinton	Elm Brook Park	P. Newbern
10-09	45	Gilsum	Hammond Hollow	M. Wright
10-13	30	Concord	Eastside Drive	D. & B. Soule
10-16	60	Sandwich	Whiteface Intervale	T. Vazzano
10-17	50	Chester	Hillside Haven	A. & B. Delorey
10-23	45	Middleton	residence	S. Snyder
10-24	66		Lower Mascoma Lake	P. Hunt
White-crowned Sparrow				
09-18	8	Sugar Hill	Pearl Lake Rd.	J. McIlwaine
10-07	12	Conway	East Conway Rd.	R. Crowley
10-08	8	Chatham		R. Crowley
10-10	9		Lower Mascoma Lake	P. Hunt
10-17	14	Holderness	Outback Driving Range	J. Williams
10-18	12	Sandwich	fairgrounds	T. Vazzano
10-29	2	Middleton	residence	S. Snyder
Dark-eyed Junco				
09-19	3	Rye	Star Island, Isles of Shoals	R. Suomala, et al.
10-06	73	Littleton	Samuel Moore Dam	B. Bradley
10-10	40	Gilsum	Hammond Hollow	M. Wright
10-14	500	Sandwich	fairgrounds	T. Vazzano
10-15	150	Rochester	along RR, milepost 77-79.5	S. Richardson
10-19	52	Chester	Hillside Haven	A. & B. Delorey
10-21	89		Lake Umbagog region	R. Quinn
10-23	168	Middleton	residence	S. Snyder
10-24	199		Lower Mascoma Lake	P. Hunt
Lapland Longspur				
10-17	3	Hampton	Hampton Beach St. Pk.	S. Mirick, B. Quinn, G. Robbins
11-02	1	Sandwich	fairgrounds	T. Vazzano
11-10	1	Errol	Rt. 26 west	R. Quinn, T. Richards
11-28	2	Hampton	Hampton Beach St. Pk.	R. Frechette

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Snow Bunting				
10-19	1	Exeter	Powder House Pond	S. Mirick
10-23	30	Hampton	Hampton Beach St. Pk.	A. & B. Delorey
10-28	25	Center Harbor	Rt. 25, Meredith town line	J. Merrill
10-30	48	Holderness	Outback Driving Range	J. Williams
10-31	250	Conway	East Conway Rd.	R. Crowley
11-06	120	Sandwich	fairgrounds	T. Vazzano
11-08	25	Warner	Market Basket parking lot	R. Cook, E. Courser-Cook
11-09	40	Rumney	Rumney Village	P. Hunt
11-10	40	Meredith	Moulton Farm	J. Merrill
11-11	130	Hampton	Hampton Beach St. Pk.	R. Woodward
11-15	25	Wentworth	Rt. 25	A. Ports
11-18	56	Errol	Leonard Pond	C. Martin
11-20	15	Seabrook	Seabrook Park	J. McIlwaine, F. Krauss
11-21	30	Concord	Horseshoe Pond	R. Woodward
11-26	25	Rye	Wallis Sands	A. & B. Delorey
11-27	15	Deering	Reservoir Rd.	J. Broyles, S. Millett
Dickcissel				
09-12	1	Rye	Star Island Banding Station	R. & M. Suomala, D. Hayward
Red-winged Blackbird				
10-17	700	Lancaster	treatment plant	B. Bradley
Eastern Meadowlark				
09-18	10	E. Kingston	Rt. 108 farm pond	A. & B. Delorey
11-30	1	Sandwich	Whiteface Intervale	T. Vazzano
Yellow-headed Blackbird				
09-22	1	Milford	Fitch dairy farm, N. River Rd.	D. Strong, E. Abrams



Yellow-headed Blackbird

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
Rusty Blackbird				
08-15	1	Whitefield	White Mtn. Regional Airport	C. Bretton
08-26	1	Dixville	Rt. 26	R. Quinn
09-18	4	Plymouth	Fairgrounds & Loon Lake Rds.	J. Williams
09-19	4	Ashland	Mill Pond	J. Williams
09-26	4	Plymouth	Fairgrounds Rd. near Loon Lake Rd.	J. Williams
10-07	23	Conway		R. Crowley
10-12	2	Derry	Ballard Marsh	A. Delorey
10-16	1	Barnstead	Barnstead Middle School	R. Quinn
11-21	8	Concord	Horseshoe Pond	R. Woodward
Common Grackle				
08-24	200	Lyman	Dodge Pond	S. & M. Turner
10-15	3000	Chester	Hillside Haven	A. & B. Delorey
10-18	600	Exeter	Rt. 85	R. Aaronian
10-23	32	Middleton	residence	S. Snyder
11-16	2	Columbia	residence	B. & D. Killam
Baltimore Oriole				
08-26	6	Pittsfield	residence	D. Doran
08-27		Tamworth	Chocorua Lake	R. Crowley
09-12	6	Rye	Star Island Banding Station	R. Suomala, et al.
10-27	1	Newmarket	Bay View Drive	S. Mirick
10-28	1	Chester	Hillside Haven	B. Delorey
11-02	1	Wilmot	Wilmot Flat residence	M. Broadhead
11-10	1	Hollis	Proctor Hill Rd., off Route 130	J. Parker-Cash, W. Cash, C. Kennedy
Pine Grosbeak				
11-08	2	Bradford	Rowe Mtn. Rd.	M. Levin
11-08	1	Goshen	Rand Farm, Ekberg Rd.	G. Stansfield
11-09	6	Berlin	industrial landfills	R. Quinn, T. Richards
11-10	4	Errol	Rt. 16	R. Quinn
11-18	2	Errol	Rt. 16	C. Martin
11-21	6	Sandwich	Rt. 113 A	T. Vazzano
11-23	2	Carroll	Cherry Mtn. Rd., WMNF	G. Gavutis
Purple Finch				
08-16	1	Rye	Star Island Banding Station	R. Suomala, et al.
08-30	9	Rye	Star Island Banding Station	R. Suomala, et al.
09-01	24	Rye	Star Island Banding Station	R. Suomala, et al.
House Finch				
11-19	3	Columbia	residence	B. & D. Killam
Red Crossbill				
08-10	1	Hill	New Chester Rd.	J. Brodeur
08-20	1	Gilmanton	Crystal Lake, Gilmanton Iron Works	W. Arms
08-25	2	Meredith	residence	F. Eames
08-27	2	Dixville	Rt. 26	R. Quinn
10-31	1	Canterbury	Baptist Hill Rd.	R. Quinn
10-31	1	Gilmanton	Crystal Lake, Gilmanton Iron Works	W. Arms
11-16	1	Kensington	Rt. 107 residence	G. Gavutis

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
White-winged Crossbill				
11-07	2	Rye	Odiorne Pt. St. Pk.	S. Mirick, K. Dube, D. Blezard, et al.
11-30	1	Monroe	residence	P. Powers, E. Emery
Common Redpoll				
10-21	2	Cambridge	off Rt. 26	R. Quinn
10-30	2	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-08	25	Holderness	Plymouth-Holderness Intervale	B. Taffe
11-09	55	Holderness	US Forest Service office	J. Williams
11-10	46	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-16	30	Newbury	Stoney Brook WS	P. Newbern
11-16	2	Kensington	Rt. 107 residence	G. Gavutis
11-18	40	Errol	Androscoggin R.	C. Martin
11-20	35	Holderness	wetlands s. of Rt. 175A	J. Williams
11-21	63		Lower Mascoma Lake	P. Hunt
11-21	42	Ashland	River St.	J. Williams
11-22	12	Goshen	Rand Farm, Ekberg Rd.	G. Stansfield
11-24	26	Sutton	Sutton Mills village	C. Martin
11-25	41	Holderness	Piper's Cove	J. Williams
11-29	23	Sandwich	Thompson WS	T. Vazzano
11-29	12	Middleton	residence	S. Snyder
Pine Siskin				
10-15	48	Middleton	residence	S. Snyder
10-17	12		Lower Mascoma Lake	P. Hunt
10-21	10		Lake Umbagog region	R. Quinn
10-28	22	Chatham	residence	R. Crowley
10-31	14	Pembroke	N. Pembroke Rd.	K. Palfy
11-02	25	Pembroke	N. Pembroke Rd.	K. Palfy
11-02	20	Chester	Hillside Haven	A. & B. Delorey
11-04	12	Deering	Baldwin Rd.	L. & P. Sunderland
11-04	10	Auburn	Massabesic Audubon Center	I. MacLeod
Evening Grosbeak				
08-01	1	Gilsum	Hammond Hollow	M. Wright
08-11	12	Chatham	residence	R. Crowley
08-19	3	Columbia	residence	D. Killam
10-26	11	Berlin	Bog Dam Loop Rd., WMNF	J. Williams
10-28	30	Middleton	residence	S. Snyder
11-02	25	Waterville Valley	Hardy Brook	J. Williams
11-04	48	Berlin	Bog Loop Rd., WMNF	J. Williams, J. Gill
11-05	14	Goshen	Rand Farm, Ekberg Rd.	G. Stansfield
11-07	12	Canterbury	Baptist Hill Rd.	R. Quinn
11-09	25	Dummer	Rt. 16	R. Quinn, T. Richards
11-09	16	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-13	30		Lower Mascoma Lake	P. Hunt

Bird Banding Summary

Star Island, Fall 1999

by Rebecca Suomala

The bird banding project on Star Island, Isles of Shoals, which began in the spring of 1999, resumed in August for the fall migration. This study is part of my research on the stopover behavior of neotropical migrants, and the station is open only during migration. Please see the Spring 99 issue of *New Hampshire Bird Records* for more information on the project.

For the fall season the station was open from August 16 through September 30. The conferences were in full session and many visitors to the banding station were thrilled to see the birds “up close.” Most of them were very surprised to learn how many different kinds of birds could be found on Star.

We banded just over 1300 birds for the season, but the daily totals were wildly erratic. We had a dismal run of south winds that brought nine consecutive days with 13 or fewer new birds banded. When the winds finally changed, we were deluged, and on September 12 we had our biggest day, with 142 birds banded. It was a record for the station, and I was grateful to have both Dan Hayward and Mark Suomala helping for the day. Of course, given that we were swamped with birds and constantly processing, that was the day we caught the Dickcissel - we hardly had time to enjoy it! Hurricane Floyd closed the station for two days but did not bring the exciting birds we had hoped would be blown in by the storm. Later in September, Dan Hayward and I had two back-to-back days of over 130 birds. Whew! But those two days also brought two spectacular birds. One was a Merlin in the last round of the day. The other was a very special Northern Saw-whet Owl – my personal highlight of the banding year.

Other highlights from the fall included a Belted Kingfisher in the net. These birds don't usually get caught in mist nets, so this was a great surprise. We were also shocked to capture a total of 31 Yellow-breasted Chats. For rarities, we added a Clay-colored Sparrow to the banding list, but the rarest bird for the fall was a Black-throated Gray Warbler that we saw but did not band (see the front cover).

Thanks to the wonderful crew of volunteers who helped in the fall and to the project sponsors, the Star Island Corporation and the Audubon Society of New Hampshire.



Clay-colored Sparrow

Star Island Fall 1999 Banding Totals

These totals are preliminary and will be finalized after the data have been computerized.

New birds banded	1316
Captures of birds previously banded on Star or Appledore	280

Most Common Species

Yellow-rumped Warbler	200
Common Yellowthroat	108
White-throated Sparrow	95
Red-eyed Vireo	69
Northern Waterthrush	66
Song Sparrow	62
Cedar Waxwing	56
Gray Catbird	50

Highlights

Rarities and Surprises in the Nets	#	Date
Dickcissel	1	9/12
Belted Kingfisher	1	9/13
Northern Saw-whet Owl	1	9/26
Clay-colored Sparrow	1	9/28
Yellow-breasted Chat	31 total!	

Sightings (birds seen **on** the island but not banded)

Lark Sparrow	1	8/25
Red Phalarope	1	9/17 (aftermath of Hurricane Floyd)
Black-throated Gray Warbler	1	9/21 & 9/22
possibly a first state record (see p. 2)		

In addition, this effort would not be possible without the help of the bird-banding volunteers at the Appledore Island banding station, which is supported in part by the Shoals Marine Laboratory. I would also like to recognize the many donors who gave to the project in memory of Harry C. McDade.

Rebecca Suomala is the Managing Editor of New Hampshire Bird Records, a graduate student with Dr. Kim Babbitt at the University of New Hampshire, and a staff member of the Audubon Society of New Hampshire. She is a licensed bird bander under the guidance of master bander Dr. Sara Morris of Canisius College.

The 1999 Autumn Hawk Migration

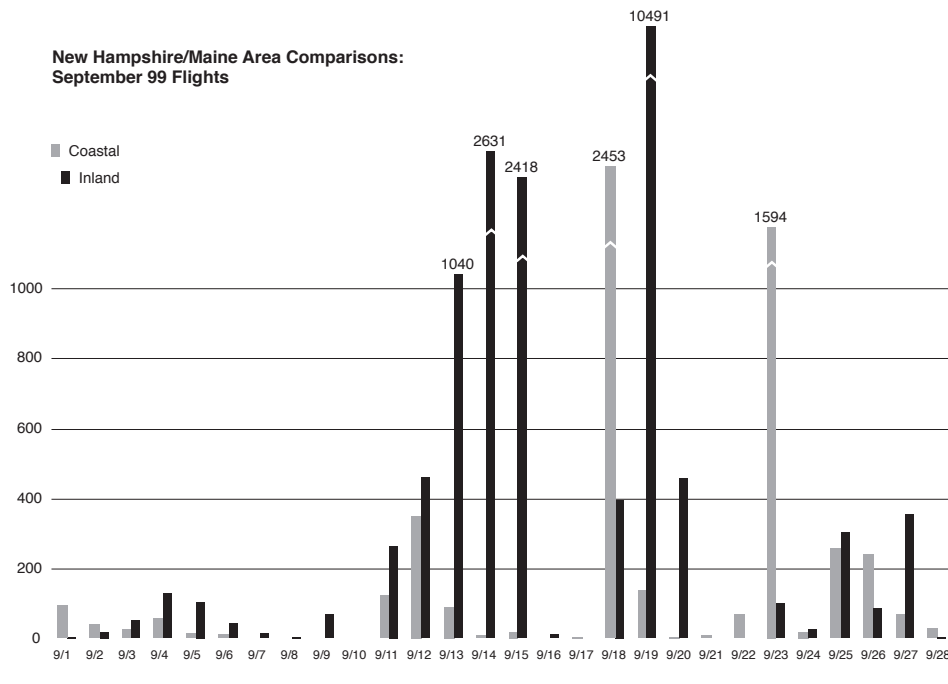
by Susan A. Fogleman

Over nineteen thousand five hundred hawks were recorded migrating through New Hampshire skies during Fall 1999. More than 400 hours were logged in consecutive-day monitoring at four of the sites listed in the accompanying table. Project Hawktrack Coordinators Iain MacLeod and Susan Fogleman have selected certain strategically located sites across the state for concentrated attention. In 1999, those sites covered daily were Weeks State Park, with 86.5 hours; Little Round Top, with 114; Pack Monadnock, with 76.3; and Blue Job, with 74. An additional 50 hours were invested in Deering, 27 at Odiorne, and 6.5 at Interlakes Elementary School in Meredith. It is hoped that coverage will continue to increase at these and other sites next fall. See the table for species and numbers of hawks recorded.

Congratulations to our northernmost team at Weeks as they added to our growing body of knowledge about hawk migration in the northeast. Dedicated volunteers there have built an impressive hawkwatch platform on the north side of the Prospect Mtn. Summit, which facilitates the study of migration in the upper Connecticut River Valley. It is suspected that hawks passing out of Quebec's eastern townships may have been slipping unnoticed through northwestern New Hampshire. Reactivating watch efforts in the West Lebanon area would augment the attempt by the Weeks team to fill the huge gaps in our knowledge about flights west of the White Mountains.

Last year, we reiterated a call for more time invested at Blue Job Mountain in Farmington/Strafford. We have long held the belief that because of its location in the center of the New Hampshire/Maine coastal plain, Blue Job may be the most important site in the state. At a Project Hawktrack volunteer workshop in early September, several folks answered the call. The dedication of Joe and Barb LaBelle, Star Snyder, and several others enabled the collection of data which are already lending support to our hypothesis. In previous years, observers have had to leave the site before any late-afternoon flight could be recorded. This year saw excellent full-day commitment by the enthusiastic team assembled at the site. And their investment paid off "big time!" Here's an encapsulation of the events surrounding that payoff:

A low pressure system moving offshore was followed by a cold front with moderately strong northwest airflow on the 18th of September. This "steered" birds that had been travelling down the "hawk highway" northeast of us over toward the coast, where Odiorne and sites in Maine recorded nearly 2500 that day. A few days preceding the arrival of this system the region experienced southerly vectored breezes, then rain, so since September 14 and 15, no big numbers had been seen anywhere. On those days, Little Round Top and Rumford (Maine) counters saw good flights totalling over 4800 hawks on the easterly component winds that favor those sites. Then, on September 19, with the cold front well to the east, the center of a high pressure system settled over the area, producing excellent thermal activity across the coastal plain. As predicted, such a situation should favor Blue Job, and did it ever! Nearly 7800 hawks passed the ecstatic watchers there that day. To the west/southwest, Deering and Pack Monadnock benefitted as well, tallying over 2500 birds between them. Several other good (albeit smaller) flights in addition to that impressive one put Blue Job's seasonal hph (hawks per hour) count at 120!



Little Round Top logged a respectable 46 hph for the season. Pack Monadnock and Deering averaged about 36. Because the conditions that produce flights of the more coastal migrants are fairly predictable, Odiorne site leaders selected only certain watch days: two days each in September and October and one day in early November. Investing 25.5 hours for the entire season yielded Odiorne watchers 37.8 hph. Had they been able to invest more time, their efforts would no doubt have been more greatly rewarded, as other coastal sites just “upstream” from them in Maine recorded excellent numbers of birds this fall.

For a complete list of Hawk Watch sites in New Hampshire and how to reach them, contact Iain MacLeod at the Massabesic Audubon Center at 668-2045, or send a SASE to Susan Fogleman, RR #1 Box 2011, Plymouth NH 03264. If you’d like to contribute your efforts to this important data-gathering effort, let Iain or Susan know. A workshop for volunteers will be held in early September. For more information on hawkwatching, check the following websites: www.pipeline.com/~merlin/NEHW/, www.hmana.org, and www.virtualbirder.com/ (at this site you will need to click on a link pertaining to hawkwatching.)

And don’t forget - those hawks return in the spring! Watches are ongoing at Peaked Hill (Little Round Top’s companion site) near Bristol every April, with occasional watching at other sites such as Odiorne, Deering, Pawtuckaway State Park, and Blue Job. Spring affords an excellent opportunity to witness dramatic courtship displays.

Keep looking up!

Susan Fogleman is New Hampshire and Maine Coordinator for the Hawk Migration Association of North America and a board member of NorthEast Hawk Watch (NEHW).

Birding Locally:

Rochester's Hanson Pines

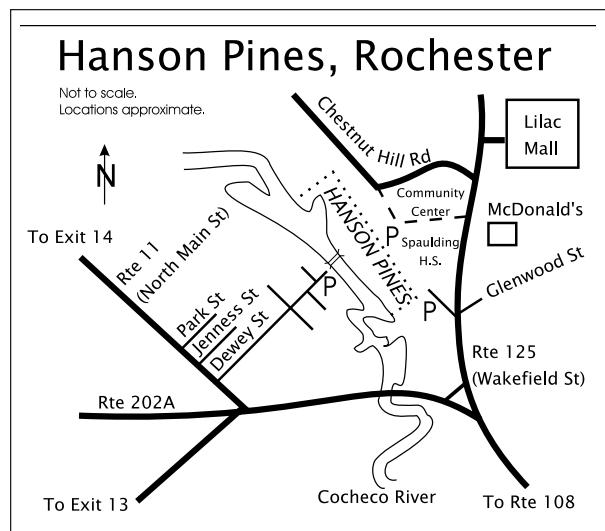
by Scott Richardson

Hanson Pines City Park in Rochester first drew my notice as a big blotch of green in the DeLorme *Atlas*. I had hoped to discover a suitable space for birding within a short walk of my downtown apartment. That green patch held promise, and my first visit was encouraging.

It was almost autumn, and, after many years away, I was attempting to relearn my New England birds. Sloppy trills slipped from the treetops. Those dispassionate notes, sweet as they were, brought to mind nothing more specific than warbler, so I sought the song makers on high. Eventually the auditory clues, along with one or two close-up views of muted plumage, ended my confusion: Aha! Pine Warblers. Perfectly appropriate for this pine stand.

The warblers were joined by a heartwarming assemblage of typical woodland species, so I decided to make a habit of the hike to Hanson Pines. I walked through the park weekly from late August into December, typically on pleasant midweek mornings. Usually I spent a couple of hours – longer during warbler passage and shorter after the October sparrow waves ceased – and often had the park mostly to myself.

I encountered 48 species in 19 visits during the autumn reporting period and could have added more had my warbler skills not withered from neglect. I eventually identified five warbler species in addition to the Pines: Black-throated Blue, Black-and-white, Magnolia, Yellow-rumped, and Northern Parula. Other delightful finds included cardinals, catbirds, creepers, and two kinds of vireo, Red-eyed and Blue-headed. As the season progressed, I was treated to two nuthatch species and both kinglets. Phoebes remained in the woods through mid-October. When they left, Hermit Thrushes temporarily filled the void. My sparrow list held half-a-dozen species, including Lincoln's and Swamp. Flyover finches drew my eyes skyward, forcing me to find gaps in the pines. Through those openings, sometimes, I spied a circling gull or accipiter. The park's position at the edge of the slow Cocheco River assured me of seeing Mallards, Wood Ducks, American Black Ducks, and, regularly, a kingfisher.



continued on page 45

Research

Telecommunications Towers and Bird Mortality

by Francie Von Mertens

As telecommunications towers multiply across the landscape, concern is growing about their impact –literally – on migrating birds. By law, towers higher than 200' require aviation safety lights. It is these warning lights that seem to be causing the problem. Monitoring of towers for bird kills is spotty, especially in recent years, but reports from around the country include this sampling:

- At a 1,010-foot tower near Tallahassee, Florida, a count of 42,386 dead birds (190 species) during a 25-year study period ending in 1980;
- During migration seasons, 1957-94, a count of 121,560 dead birds (123 species) at a 1,000-foot tower in Eau Claire, Wisconsin, including 30,000 on one night alone;
- On January 22, 1998, 50,000-100,000 Lapland Longspurs were killed at a 420-foot tower in Kansas;
- During September 18-27, 1975, 1,057 birds (39 species) were killed at a 1,085-foot tower in Youngstown, Ohio. Of that total, 30% were Ovenbirds.

According to a North Dakota study conducted by M. Avery, P.F. Springer, and J.F. Cassel, and reported in the *Auk*, migrants actively avoid tower areas during clear nights. However, “the refraction of light by moisture droplets in the air on cloudy nights greatly increases the illuminated space around a tower, and the migrants are arrested within a lighted area that they are reluctant to leave. As they mill about, collisions with the structure and other birds may result in mass mortality.”

In a study conducted by W. Cochran and R. Graber at a 984-foot tower in Illinois, swarms of birds disoriented within the tower’s light zone dispersed when researchers turned off the tower lights.

According to one theory, while birds are not attracted to the light, once they come within the zone, their navigational cues misfire. Accustomed to maintaining a certain angle with a celestial light source so as to maintain a steady course, once birds are within the light zone, they begin circling to maintain that constant angle and to maintain contact with the light.

Bill Evans, a consulting researcher at Cornell’s Laboratory of Ornithology, has recorded avian distress calls in what he calls the “little tornado of birds” seemingly trapped within the light zone near a tower. He has been studying tower kills for 15 years and maintains a web page (www.towerkill.com) that maps tower sites and reports research and relevant developments.

There are approximately 75,000 towers today, about half of which require aviation lights. That number is expected to double in the next decade. High-resolution (digital)

television as mandated by Congress will require construction of over 1,000 towers nationwide that are over 1,000 feet high.

Recognizing the problem, in 1998 the American Ornithologists' Union, the Association of Field Ornithologists, and the Cooper and Wilson Ornithological Societies approved a resolution of concern that urged U.S. Fish and Wildlife to work with the FAA and FCC to study the problem and assess the need for a national environmental impact statement (EIS); one year prior, the National Audubon Society petitioned for an EIS for the towers required for the switchover to digital television. Among suggestions offered to lessen mortality are co-location, whereby facilities are combined at one site; lowering tower heights; conducting studies to test whether flashing red lights create a greater "trap" than white, as seems to be the case; engineering towers to require fewer guy wires; and siting towers so as to avoid major flyways.

The subject is slow in gaining the FCC's attention. The push to encourage telecommunications technology and business expansion is a strong one, with minimal local control or non-industry feedback built into the tower-permitting process. Word is spreading, however, along with a few court cases. As always, an informed citizenry (and birding community) is important.

Rochester's Hanson Pines (continued)

Hanson Pines (more formally, Dominicus Hanson Park) is an enclave of older pines set aside as a public park in 1915. The evergreen canopy shelters a mix of deciduous trees and shrubs and a decent set of snags. Although wood-chip trails crisscrossing Hanson Pines make it easy to chase quick, tight flocks, I tended to stay on the outside loop, bisecting the park just once for better coverage. The southern point, right by the river, seemed best for warblers and other forest birds, while the eastern border, with its sandy, shrubby edge, was good for sparrows.

The park is adjacent to Spaulding High School, along State Route 125 (Wakefield Street), and can be accessed from east or west. The main parking lot is at the Hanson Pines playground, though parking there is limited when school is in session. There is more room available at the Rochester Community Center, across Wakefield Street from McDonald's. (Caution: The DeLorme street map errs in this area.) The park can also be approached from the west by turning off North Main Street onto Dewey Street and driving to the end, where a footbridge leads directly into the pines. The bridge provides a good vantage point not only for birds, but for river otters, muskrats, chipmunks, squirrels, and some sort of day-flying bat, too.

Hanson Pines was a wonderful place to refresh and create memories of fall birding in New England. Even as I look forward to another autumn in those pines, I find myself wondering what they're like in spring.

Scott Richardson has been active in cooperative bird monitoring and endangered species management. He now resides just a few hundred meters from New Hampshire in Berwick, Maine.

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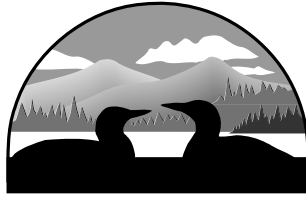
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Abbreviations Used

ASNH	Audubon Society of NH	R.	River
BBC	Brookline Bird Club	Rd.	Road
BBS	Breeding Bird Survey	Rt.	Route
CA	Conservation Area	SF	State Forest
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
NWR	National Wildlife Refuge		

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