

In This Issue

In This Issue	
About the Cover	Inside front cover
What to Report in Summer	2
Summer Season: June 1 through July 31, 2000	3
Research/Volunteer — North American Breeding Bird Survey ..	28
New Hampshire's Endangered Bird List Revised	30
Answer to Photo Quiz	33
The Trails at Pickering Ponds, Rochester, NH	34
White & Seavey Island Report	36
Reporter List	40



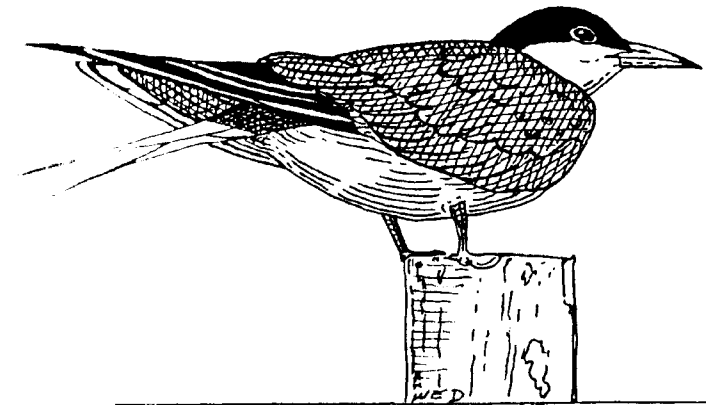
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New Hampshire Bird Records



TERNS NESTING

Summer 2000

Vol. 19, No. 2

Common Terns have returned to the Isles of Shoals with help from the Tern Restoration Project at White and Seavey Islands. This partnership with the Audubon Society of New Hampshire and New Hampshire's Nongame and Endangered Wildlife Program, with cooperation from many other sponsors, has achieved spectacular success. There were 446 Common Tern nests in 2000, just the fourth year of the project. This was a major increase over the 141 nests in 1999. The biologists who spend the summer on the islands monitoring the terns also observe and record the other bird life that visits the islands. For a summary of their sightings see the article on page 36. The illustration on the cover is by William E. Davis.

In This Issue

- Answer to last issue's Photo Quiz
- Changes in the New Hampshire Endangered and Threatened Bird List
- Birding at Pickering Ponds in Rochester
- More about White and Seavey Island bird sightings
- The Breeding Bird Survey

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.

Published by the Audubon Society of New Hampshire

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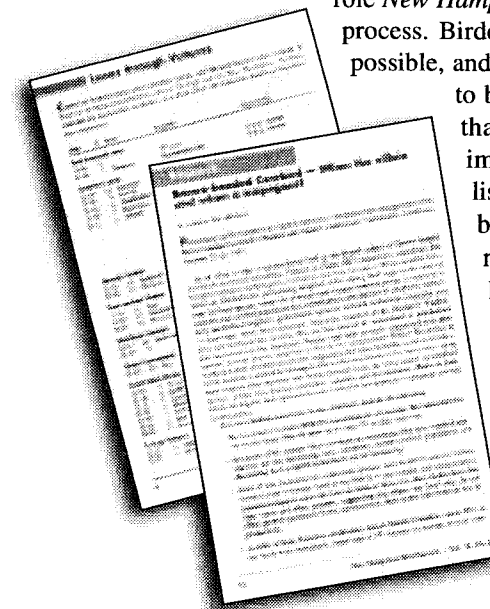
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With this issue we welcome Bill Taffe as the new Summer Season Editor. Bill is an avid birder from the Baker River Valley, and we are delighted to have him on board. All season editors are volunteers, and their time and expertise is very much appreciated. Please don't hesitate to contact an editor if you have a question about their particular season.

Are you interested in writing an article for *New Hampshire Bird Records*? Or perhaps you are an artist or a graphic designer? Would you like to help *New Hampshire Bird Records* offer more articles on where to bird? *New Hampshire Bird Records* is always looking for volunteers to assist with a variety of tasks, from writing articles to reaching new birders, finding art work to doing page layout. Some tasks need special skills and others do not. If you are interested in helping out, please call me at 224-9909, ext. 309, or e-mail me at bsuomala@nhaudubon.org.

I encourage all birders to look at the article describing the revisions to the New Hampshire state list of threatened and endangered birds. It is important for us to be aware of the birds on this list and send in reports of these species. The other reason I had for writing this article was to highlight the important role *New Hampshire Bird Records* played in the revision process. Birders who submit their sightings made this possible, and we should take pride in this contribution to bird conservation. Too often, birders think that reporting their sightings is of little importance, especially if they are not published, but every sighting adds to our database of knowledge. We are working on making it easier to report sightings and hope to have information on the Audubon web site about the different ways to send in reports. You'll be hearing more about this in future issues of *New Hampshire Bird Records*. In the meantime, I encourage everyone to continue making a contribution to our knowledge of bird distribution in the state by sending their sightings to *New Hampshire Bird Records*. Thank you.

Rebecca Suomala
 Managing Editor
 February 2001



Summer Season: June through July

Which sightings should *New Hampshire Bird Records* reporters submit? There are no hard and fast rules, but here are some guidelines to help reporters focus their efforts during the summer season.

First, it's important to understand that even though we do not publish all reports, each one plays a valuable role in creating an overall picture of a given 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 for 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). Report late spring migrants such as some warblers and flycatchers that are still moving during the first week of June, and early fall migrants. Adult shorebirds can be headed south as early as July 4, for instance, and some landbirds begin moving in late July.

Report colonial nesting bird sites such as Great Blue Heron rookeries or Bank Swallow burrows. Reports of erratic species such as cuckoos and crossbills are of interest, as are grassland nesting birds, which are of concern due to shrinking habitat.

Species that are confirmed to be breeding at an unusual time or location are very valuable—refer to the *Atlas of Breeding Birds in New Hampshire* for the known distribution of breeding birds in the state (available in the ASNH store and library). Unusual behavior or breeding of a species unusual for your local area is of interest.

Reports of species sought by many birders are interesting to all. These include pelagic species and resident species that are present but not commonly seen, such as boreal, nocturnal, and secretive wetland birds. Reports of state endangered and threatened species are always valuable for the database.

Reports for the following species were received but not listed

- | | | |
|-----------------------|-------------------------------|-------------------------|
| Wood Duck | Ruby-throated Hummingbird | Tufted Titmouse |
| American Black Dick | Belted Kingfisher | Red-breasted Nuthatch |
| Mallard | Downy Woodpecker | White-breasted Nuthatch |
| Hooded Merganser | Hairy Woodpecker | House Wren |
| Common Merganser | Northern Flicker | American Robin |
| Red-shouldered Hawk | Eastern Phoebe | European Starling |
| Broad-winged Hawk | Great Crested Flycatcher | Yellow Warbler |
| American Kestrel | Eastern Kingbird | Black-and-white Warbler |
| Ruffed Grouse | Blue Jay | Eastern Towhee |
| American Woodcock | American Crow | Chipping Sparrow |
| Ring-billed Gull | Common Raven | Song Sparrow |
| Mourning Dove | Northern Rough-winged Swallow | Dark-eyed Junco |
| Black-billed Cuckoo | Bank Swallow | Red-winged Blackbird |
| Great Horned Owl | Black-capped Chickadee | Common Grackle |
| Barred Owl | | House Finch |
| Northern Saw-whet Owl | | |

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

Summer Season (June 1–July 31, 2000)

The weather of summer 2000 was often characterized by the question, “What summer?” It was a wet and cold summer, both anecdotally and by measurement. Data from Laconia indicate that the monthly average June and July temperatures were 0.4° and 2.9° below normal (respectively), and rainfall averaged 1.62" and 1.48" above normal. June brought several cold and warm fronts through the region that created airflows that brought unusual birds from the pelagic region to the New Hampshire coast.

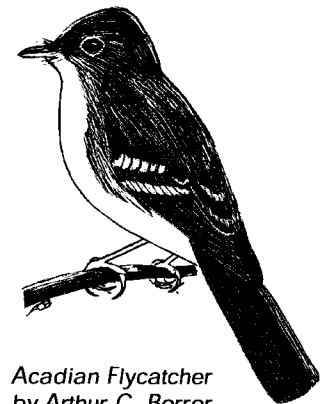
Audubon biologists studied birds on the Isles of Shoals throughout the summer. Becky Suomala led a banding effort into early June on Star Island, and Mathieu Charette and Dan Hayward counted nesting terns and other species on White and Seavey Islands. They recorded spectacular numbers of birds. The highlights of these observations are summarized throughout this issue (see page 36, and also the Spring 2000 issue for a summary of the banding season on Star Island).

Breeding Bird Highlights

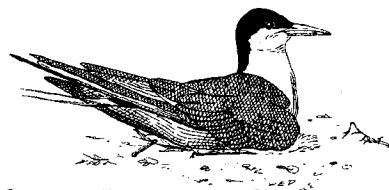
Several observations highlighted the breeding season. Osprey, Bald Eagle, and Peregrine Falcon recovery continued successfully. Piping Plover and Common Tern colonies continued to grow, with the Common Terns at White Island reaching stunning numbers. A pair of Green-winged Teal raised chicks on Lake Umbagog.

Rarities of last summer

There were three reports of Acadian Flycatchers. One was reported at Pawtucketaway State Park for the third successive year, and two were banded at the Star Island Banding Station. Atlantic Puffins, and Razorbills were sighted from White Island, and a Summer Tanager was banded on Star Island. American Oystercatchers were seen both at White Island and on the coast. Other good coastal sightings included two Manx Shearwaters, a Marbled Godwit, a Baird's Sandpiper, a Franklin's Gull, and two Tricolored Herons. The North Country offered its own rarities: a Western Kingbird and a Three-toed Woodpecker. A Sandhill Crane in Boscawen stayed for over a month, long enough for many birders to record a “state bird.” There's speculation about whether it was the same crane that was seen in Monroe in summer 1999 or a different bird. A couple of photos of this summer's crane exist; did anyone take photos of the summer 1999 bird? Nelson's Sharp-tailed Sparrows are now being seen at Chapman's Landing with sufficient regularity that they're no longer considered “rare” at this site.



Acadian Flycatcher by Arthur C. Borror



Common Tern
by William E. Davis

Large numbers

The White Island Common Tern colony numbered over 1100 in early June (see page 36), and more than 600 Common Eider were counted there on June 14. An irruption of White-winged Crossbills started on June 20 "north of the notch" and continued throughout July.

Endangered and Threatened Species

Ten bird species appeared on the New Hampshire Endangered Species list prior to revision (see page 31), and eight of these could be expected to be seen during June and July. Of these eight species, Pied-billed Grebes and Upland Sandpipers appeared in normal numbers. The Common Tern appeared in explosive numbers, while the Piping Plover, Bald Eagle, and Peregrine Falcon recovery programs are making very good progress. Unfortunately, neither the Sedge Wren nor Henslow's Sparrow were seen by observers in New Hampshire this summer. Of the nine birds on the New Hampshire Threatened Species list prior to revision (see page 31), eight were observed in the state this summer, although two of the terns (Arctic and Roseate) were only seen on White and Seavey Islands. The Least Tern was not reported in New Hampshire during summer 2000.

Bill Taffe, Summer Editor

Loons and Grebes Petrels, Gannets, and Cormorants Bitterns, Herons, Egrets, and Ibis Vultures

There were a few surprises in this group of birds last summer. Southeasterly and easterly winds on June 4 and 5 followed by a storm on June 6 brought Wilson's Storm-Petrels, Northern Gannets, Glossy Ibis, and two Manx Shearwaters — species not often seen on our shoreline. Another storm on July 7 brought large numbers of Double-crested Cormorants.

Also somewhat unusual for the summer months were Double-crested Cormorants inland and Common Loons at the coast. One Tricolored Heron was seen at the Hampton Beach marshes.

Pied-billed Grebe and American Bittern reports were typical for the summer. Unfortunately, Least Bitterns were not reported this year. Although only one report of a Great Blue Heron rookery appears here, Audubon maintains a separate inventory of heron rookeries. All reporters are encouraged to send in any sightings of heron nesting sites.

Turkey Vultures continue to be seen farther and farther north, finally becoming "statewide" birds. No documented and verified Black Vulture reports were received.

Date	#	town	location	observer(s)
Common Loon				
06-01	4	Newmarket	Great Bay, Bay Rd.	S. Mirick
06-08	2	Rye	White & Seavey Is.	D. Hayward, M. Charette
06-11	1	Littleton	Moore Reservoir	J. Williams
06-15	3	Jefferson	Pondicherry WS	A.& B. Delorey
06-19	3	Pittsburg	Timberland	E. Nielsen
07-04	4	Rye	NH coast	S. Mirick
07-20	3	Concord	Long Pond, Little Pond Rd.	J. Ashley
07-23	5	Pittsburg	Magalloway Rd.	E. Nielsen
Pied-billed Grebe				
06-16	1	Newport	Sugar River	P. Newbern
06-25	1	Pittsburg	East Inlet	R. Woodward
Greater Shearwater				
07-27	1	Rye	White & Seavey Is.	D. Hayward, M. Charette
Manx Shearwater				
06-06	7	Rye	off Ragged Neck	A.& B. Delorey
06-09	1	Rye	off Pulpit Rock	A.& B. Delorey
Wilson's Storm-Petrel				
06-06	24	Rye	Ragged Neck	A.& B. Delorey
06-12	12	Rye	White & Seavey Is.	D. Hayward, M. Charette
06-24	1	Seabrook	Seabrook Beach	S. Mirick
07-16	5	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-29	1	Rye	Pulpit Rocks	A.& B. Delorey
Northern Gannet				
06-06	25	Rye	Ragged Neck	A.& B. Delorey
06-24	2	Seabrook	Seabrook Beach	S. Mirick
07-11	2	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-27	3	Rye	White & Seavey Is.	D. Hayward, D. Trested
Double-crested Cormorant				
06-01	33	Rye	White & Seavey Is.	M. Charette, R. Suomala
06-02	16	Dummer	Magill Bay	R. Quinn
06-10	1	Plymouth	Pemigewasset R.	J. Williams
06-10	1	Nottingham	Pawtuckaway St. Pk.	A.& B. Delorey
06-13	1	Errol	Mile Long Pond	R. Quinn, D. Brown
06-18	3	Concord	Turkey Pond	R. Woodward
07-03	40	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-07	65	Rye	Concord Pt.	A.& B. Delorey
07-09	5	Holderness	Squam Lake, Birch Is.	J.& N. Mulherin
07-15	101	Rye	Rye Ledge	A.& B. Delorey
07-20	1	Rindge	Pearly Pond outlet, Rt. 119	B. Multer
07-23	1	Pittsburg	Second Connecticut Lake	A.& B. Delorey
07-29	56	Rye	White & Seavey Is.	D. Hayward, M. Charette
Great Cormorant				
06-03	2	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-13	1	Rye	White & Seavey Is.	D. Hayward, D. Trested

Date	#	town	location	observer(s)
American Bittern				
06-01	4	Errol	Leonard Marsh	R. Quinn
06-21	1	Lisbon	Cole Plain Swamp	S. Turner
06-22	1	Pittsburg	Moose Falls	R. Woodward
07-01	1	Rumney	Quincy Bog	J. Williams
07-02	1	Lee	Verrette Marsh near Lamprey R.	G. Gavutis, Jr.
Great Blue Heron				
06-10	6	Hopkinton	Chase WS	R. Woodward
07-10	11	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-23	3	Pittsburg	East Inlet Rd.	E. Nielsen
Great Egret				
06-25	8	Hampton	Hampton marshes	S. Mirick
Snowy Egret				
06-25	30	Hampton	Hampton marshes	S. Mirick
07-12	64	Rye	White & Seavey Is.	D. Hayward, D. Trested
07-23	51	Rye	White & Seavey Is.	D. Hayward, M. Charette
Tricolored Heron				
06-07	1	Hampton	marsh n. of Rt. 101, Hampton Beach	S. Hale, et al.
06-25	1	Hampton	Hampton marshes	S. Mirick
Green Heron				
06-01	2	Kensington	Rt. 107 residence	G. Gavutis
06-11	1	Jefferson	Pondicherry WS	T. Vazzano, BBC FT
06-17	1	Lisbon	Cole Plain Swamp	S. Turner
07-29	1	Concord	Horseshoe Pond	J. Williams
Black-crowned Night-Heron				
06-19	3	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-02	2	Exeter	Powder House Pond	G. Prazar
07-04	2	Seabrook	Hampton Harbor tidal flats	M. Resch, D. Donsker
07-21	1	Nashua	Nashua River, Millyard	R. Andrews
Glossy Ibis				
06-06	10	Rye	Ragged Neck	A. & B. Delorey
06-11	3	Kensington	Stumpfield Rd.	A. & B. Delorey
07-10	36	Rye	White & Seavey Is.	D. Hayward, D. Trested
07-23	23	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-31	32	Rye	White & Seavey Is.	D. Hayward, M. Charette
Turkey Vulture				
06-10	7	Errol	Mill Mt.	C. Martin

Waterfowl

Common Eider were present at White and Seavey Islands in amazing numbers throughout the two-month period. Numbering in the hundreds in early June, they reached a peak of 614 on June 14, slowly tapering off to numbers around 50 at the end of July. Rebecca Suomala reported that the chick population around Star Island was

decimated by a strong nor'easter with high winds in early June. On June 6, 107 chicks were counted; a day later, only 22 were sighted. During the storm, a substantial flock showed up at Pulpit Rocks in Rye, and large flocks were seen again in early July after a storm on July 7.

No Blue-winged Teal were reported last summer.

Date	#	town	location	observer(s)
Canada Goose				
06-02	13	Rye	Star Is., Isles of Shoals	R. Suomala, et al.
06-10	14	Gilsum	Hammond Hollow	M. Wright
07-02	4	Campton	Campton Pond, WMNF	J. Williams
07-04	12	Lyman	Dodge Pond	S. & M. Turner
07-21	6	Pittsburg	First Connecticut Lake	E. Nielsen
Brant				
06-25	1	Rye	n. of Rye Ledges	S. Mirick
Green-winged Teal				
06-13	2	Errol	near Leonard Pond	R. Quinn, D. Brown
06-21	7	Errol	Harpers Meadow	C. Martin
Ring-necked Duck				
06-02	10	Errol	Harpers & Sweat Meadows	R. Quinn
07-20	10	Pittsburg	East Inlet Rd.	E. Nielsen
Common Eider				
06-03	607	Rye	White & Seavey Is.	D. Hayward, M. Charette
06-06	107	Rye	Star Is., Isles of Shoals	R. Suomala, et al.
06-06	38	Rye	Pulpit Rocks	A. & B. Delorey
06-07	22	Rye	Star Is., Isles of Shoals	R. Suomala, et al.
06-07	300	Rye	Star Is., Isles of Shoals	R. Suomala, et al.
06-14	641	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-01	249	Rye	White & Seavey Is.	M. Charette, R. Suomala
07-04	28	Rye	Concord Pt.	S. Mirick
07-07	55	Rye	Concord Pt.	A. & B. Delorey
07-13	285	Rye	White & Seavey Is.	D. Hayward, D. Trested
07-15	139	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-31	31	Rye	White & Seavey Is.	D. Hayward, M. Charette
Surf Scoter				
06-01	3	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-04	7	Rye	Rye Ledges	S. Mirick, J. Matthews
White-winged Scoter				
06-04	2	Rye	White & Seavey Is.	D. Hayward, M. Charette
06-25	1	Hampton	off Hampton North Beach	S. Mirick
07-04	2	Rye	Foss Beach	S. Mirick
Black Scoter				
06-25	1	Rye	n. of Ragged Neck	S. Mirick
Long-tailed Duck				
06-06	2	Rye	Ragged Neck	A. & B. Delorey

Date	#	town	location	observer(s)
Common Goldeneye				
06-08	12	Wentworths Location	Magalloway River	R. Quinn
Red-breasted Merganser				
06-09	10	Rye	Rye Ledges	A. & B. Delorey
07-04	3	Rye	Rye Ledges	S. Mirick, J. Matthews

Raptors, Grouse, and Allies

Bald Eagle numbers continued to grow statewide. According to Audubon biologists, a record four pairs established nests from Hinsdale to Errol, with another pair showing interest in nesting at Squam Lake. To everyone's disappointment, none of the nests produced chicks, but the increased number of nesting pairs bodes well for the future. The nest at Lake Umbagog that has produced chicks for the last several years failed to produce young this year. Raptor biologists are still speculating about the cause, whether it was weather related or had something to do with a new sub-adult eagle that was seen at the nest this summer. On a happier note, Chris Martin found a second nest at Lake Umbagog, a successful aerie that produced two chicks — 100 yards over the state line in Maine!

Both the Osprey and the Peregrine Falcon recoveries continued "full steam ahead." Osprey had an excellent year, building 24 nests throughout the state and producing 40 young. Every one of the known ten pairs of Peregrine Falcons produced chicks — 25 in all — and every nest was successful at fledging at least one of those offspring — the first time all nests have had that success since the reintroduction program began.

Merlins were reported, but unlike summer 1999, no nests were located. Cooper's Hawks again returned to Kensington and again preyed on nestling Orioles nearby.

Date	#	town	location	observer(s)
Osprey				
06-17	1	Lyman	Dodge Pond	S. & M. Turner
06-18	1	Concord	Turkey Pond	R. Woodward
06-20	1	Pittsburg	Border Area	E. Nielsen
06-24	1	Pittsburg	Lake Francis	R. Woodward
Bald Eagle				
06-01	4	Errol	Lake Umbagog	R. Quinn
06-03	1	Rye	Star Is., Isles of Shoals	R. Suomala, et al.
06-04	1	Gilmanton	Crystal Lake, Gilmanton Ironworks	W. Arms
06-10	1	Errol	Tidswell Point	C. Martin
06-12	1	Monroe	Connecticut R. near Chace Farm	S. & M. Turner
06-13	1	Shelburne	Androscoggin River dam	S. & M. Turner
06-22	2	Pittsburg	Back Lake	L. Jones
07-18	1	Cornish	Cornish Flat, Rt. 12A	J. Clegg
07-23	2	Pittsburg	Magalloway Rd.	E. Nielsen

Date	#	town	location	observer(s)
Northern Harrier				
06-20	1	Pittsburg	Magalloway Rd.	E. Nielsen
06-25	1	Errol	Magalloway River	R. Quinn
06-27	1	Pittsburg	Third Connecticut Lake	L. Jones
07-13	1	Tamworth	Wonalancet Intervale	M. Chandler
07-14	1	Milan	East River Pond	C. Martin
07-15	1	Stratford	Rt. 3 at Stratford Hollow	L. Jones
07-24	1	Pittsburg	Perry Stream Rd.	A. & B. Delorey
Sharp-shinned Hawk				
06-01	2	Plymouth	Pine Gate Rd.	J. & R. Williams
07-22	3	Pittsburg	East Inlet	A. & B. Delorey
Cooper's Hawk				
06-12	1	Kensington	Rt. 107 residence	G. Gavutis
07-20	2	Kensington	Rt. 107 residence	G. Gavutis
Northern Goshawk				
07-28	3	Hopkinton	Crowell Rd.	B. Kroll
Merlin				
06-01	1	Errol	North Mt. Pond Rd.	R. Quinn
06-21	1	Pittsburg	Scott Bog Rd.	E. Nielsen
07-08	1	Jefferson	Pondicherry WS	S. Mirick, ASNH FT
07-23	1	Pittsburg	Magalloway Rd.	E. Nielsen
07-26	1	Rye	Wallis Sands St. Pk.	T. Vazzano, B. Bruni
Peregrine Falcon				
06-19	2	Manchester	1750 Elm St.	R. Vallieres
06-19	1	Manchester	NH Insurance Bldg.	R. Woodward
06-25	1		Epsom BBS Route	P. Newbern
07-19	1	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-24	1	Plymouth	Rt. 3 Baker River Bridge	J. Williams
Spruce Grouse				
06-12	1	Errol	Mountain Pond bogs	R. Quinn
06-21	4	Pittsburg	East Inlet Rd.	E. Nielsen
06-24	4	Errol	near Bear Brook Pond	R. Quinn, Capital Area Chapter FT
06-29	1	Lyme	Holt's Ledge, Appalachian Trail	L. Myers
07-20	11	Pittsburg	East Inlet Rd.	E. Nielsen
Wild Turkey				
07-19	25	Haverhill	Lime Kiln Rd., E. Haverhill	J. Williams, J. Haartz
Northern Bobwhite				
07-11	1	Plymouth	Pine Gate Rd.	J. Williams, E. Stormont

Waders and Shorebirds Gulls and Terns

The Piping Plover restoration, which began four years ago, had another successful summer. Six nests at Seabrook Beach and Hampton Beach State Park hatched 18 chicks, 14 of which fledged. This was down slightly from 1999 but still a successful season. The nor'easter of June 6 took out one clutch at Seabrook; although the pair re-nested, they later abandoned the nest.

A Sandhill Crane showed up in Boscawen on June 22 and stayed most of the summer, showing itself to many birders. Well photographed and videotaped, it was last seen about July 25. There has been speculation about whether this was the same crane that visited Monroe in summer 1999 or that may have shown up briefly in spring of last year. Does anyone have photos of the 1999 crane so that the two could be compared? The crane in Bradford is likely to be the Boscawen bird.

Virginia Rail were well reported from the North Country and the coast, but only one report was received from the central part of the state. A few Soras were seen "north of the notch" but no Common Moorhens were reported in summer 2000.

White and Seavey Islands had large numbers of Common Terns (over 1000) (see page 36) and several unusual birds, including a Razorbill, three Atlantic Puffins, and a Black Guillemot. The islands were also home to Arctic Terns and Roseate Terns throughout the summer and Black Terns during June.

Laughing Gulls were present throughout the summer, albeit not in large numbers. A rare Franklin's Gull was in Newmarket on June 1. Pease International Tradeport continues to be a good location for Upland Sandpipers. Other unusual coastal birds of the summer included a Marbled Godwit, a Baird's Sandpiper, and an American Oystercatcher.

A large flock of Ring-billed Gulls visited Lake Umbagog in early June but didn't stay long.

Date	#	town	location	observer(s)
Virginia Rail				
06-02	5	Errol	Harpers & Sweat Meadows	R. Quinn
06-11	4	Jefferson	Pondicherry WS	T. Vazzano, BBC FT
06-19	3	Durham	near Lamprey R. & Beaudette Brook	G. Gavutis Jr.
06-21	4	Errol	Akers Pond	R. Quinn
07-02	2	Lee	Verrette Marsh near Lamprey R.	G. Gavutis, Jr.
07-25	2	Bradford	Fairgrounds Rd.	N. Whittier
Sora				
06-01	1	Errol	Leonard Marsh	R. Quinn
06-19	1	Durham	near Lamprey R. & Beaudette Brook	G. Gavutis Jr.
06-21	1	Errol	Akers Pond	R. Quinn
06-29	1	Errol	Harpers Meadow	R. Quinn, S. Flint
07-21	1	Jefferson	Pondicherry WS	A. & B. Delorey
Sandhill Crane				
06-22	1	Boscawen	Walker Pond marsh	M. Lahar
07-11	1	Boscawen	near N. Water & Long St. jct.	D. Dean
07-22	1	Boscawen	Water & Long St.	S. Mirick, M. Suomala

Date	#	town	location	observer(s)
07-25	1	Boscawen	near Webster town line	D. Dean, B. Taffe
07-28	1	Bradford	Fairgrounds Rd.	R. Whittier, et. al
07-29	1	Bradford	Fairgrounds Rd.	N. Whittier
Black-bellied Plover				
07-04	2	Seabrook	Hampton Harbor tidal flats	M. Resch, D. Donsker
Piping Plover				
06-24	20		Hampton and Seabrook Beach	S. Mirick, J. Matthews
07-04	6	Seabrook	Hampton Harbor tidal flats	M. Resch, D. Donsker
07-27	1	Rye	White & Seavey Is.	D. Hayward, M. Charette
Killdeer				
Summer	14	Meredith	Moulton Farm Quarry Rd.	J. Merrill
07-05	1	Rye	White & Seavey Is.	M. Charette, D. DeLuca, D. Hayward
07-29	22	Boscawen	corner of River and Long Rds.	J. Williams
American Oystercatcher				
06-09	1	Rye	n. end of Foss Beach	A. & B. Delorey
06-28	1	Rye	White & Seavey Island	M. Charette, D. Hayward
Greater Yellowlegs				
06-25	1	Hampton	Hampton marshes	S. Mirick
07-07	1	Hampton	Henrys Pool	A. & B. Delorey
Lesser Yellowlegs				
06-25	1	Hampton	Hampton marshes	S. Mirick
07-07	12	Hampton	Henrys Pool	A. & B. Delorey
Solitary Sandpiper				
07-20	2	Lyman	Round Pond	S. & M. Turner
Willet				
06-09	10	Seabrook	mussel beds	A. & B. Delorey
06-25	10	Hampton	Hampton marshes	S. Mirick
Spotted Sandpiper				
Summer	6	Meredith	Moulton Farm Quarry Rd.	J. Merrill
06-25	6	Weare	Clough St. Pk.	R. & M. Suomala
07-20	4	Pittsburg	East Inlet Rd.	E. Nielsen
Upland Sandpiper				
06-22	10	Newington	Pease Int'l. Tradeport	S. Mirick
Whimbrel				
07-07	3	Seabrook	mussel beds	A. & B. Delorey
07-26	3	Seabrook	Hampton Harbor	T. Vazzano, B. Bruni
Marbled Godwit				
07-07	1	Seabrook	Hampton Harbor mud flats	A. & B. Delorey
Red Knot				
06-03	1	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-28	6	Rye	White & Seavey Is.	D. Hayward, M. Charette

Date	#	town	location	observer(s)
Sanderling				
07-29	130	N. Hampton	N. Hampton State Beach	A. & B. Delorey
Semipalmated Sandpiper				
07-04	1	Seabrook	Hampton Harbor tidal flats	M. Resch, D. Donsker
Least Sandpiper				
06-25	1	Hampton	Hampton marshes	S. Mirick
White-rumped Sandpiper				
06-26	1	Rye	White & Seavey Is.	D. Hayward, M. Charette
Baird's Sandpiper				
07-29	1	N. Hampton	N. Hampton State Beach	B. & A. Delorey
Purple Sandpiper				
06-03	1	Rye	White & Seavey Is.	D. Hayward, M. Charette
Short-billed Dowitcher				
06-13	1	Errol	Leonard Pond	R. Quinn, D. Brown
07-15	8	Hampton	Henrys Pool	A. & B. Delorey
Common Snipe				
06-01	12	Errol	Leonard Marsh	R. Quinn
06-18	7	Pittsburg	Perry Stream Rd.	A. & B. Delorey, BBC FT
Laughing Gull				
06-01	2	Rye	White & Seavey Is.	D. Hayward, M. Charette
06-11	4	Rye	White & Seavey Is.	D. Hayward, M. Charette
06-24	2	Seabrook	Seabrook Beach	S. Mirick
07-10	2	Rye	White & Seavey Is.	D. Hayward, D. Trested
07-15	2	Rye	Pulpit Rocks	A. & B. Delorey
07-29	2	Seabrook	mussel beds	A. & B. Delorey
Franklin's Gull				
06-01	1	Newmarket	center of Great Bay	S. Mirick
Bonaparte's Gull				
6-05	1	Newmarket	Great Bay, Bay Rd.	S. Mirick, B. Atherton
07-04	3	Seabrook	Hampton Harbor	M. Resch, D. Donsker
07-24	4	Rye	White & Seavey Is.	D. Hayward, M. Charette
Great Black-backed Gull				
07-13	175	Rye	White & Seavey Is.	D. Hayward, D. Trested
07-28	125	Rye	White & Seavey Is.	D. Hayward, M. Charette
Common Tern				
06-25	90	Hampton	Hampton marshes	S. Mirick
Least Tern				
06-24	1	Seabrook	Seabrook Beach	S. Mirick, J. Matthews
07-15	1	Rye	marshes s. of Rye Harbor	S. Mirick, M. Resch, M. Krenitsky
Black Tern				
06-08	2	Rye	White & Seavey Is.	D. Hayward, M. Charette
06-16	1	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-04	1	Rye	White & Seavey Is.	M. Charette, R. Suomala, D. DeLuca

Date	#	town	location	observer(s)
Razorbill				
06-08	1	Rye	White & Seavey Is.	M. Charette
06-11	2	Rye	White & Seavey Is.	D. Hayward, M. Charette
Black Guillemot				
06-05	1	Rye	Star Is., Isles of Shoals	R. Suomala, et al.
06-07	8	Rye	White & Seavey Is.	D. Hayward, M. Charette
06-24	5	Rye	White & Seavey Is.	D. Hayward, M. Charette
07-21	3	Rye	White & Seavey Is.	D. Hayward, M. Charette
Atlantic Puffin				
06-13	2	Rye	White & Seavey Is.	M. Charette, D. Hayward
06-14	1	Rye	White & Seavey Is.	M. Charette, D. Hayward
07-23	1	Rye	White & Seavey Is.	M. Charette, D. Hayward

Doves, Cuckoos, Owls, Nightjars, and Swifts Hummingbirds, Kingfishers, and Woodpeckers

Black-billed Cuckoos were present in typical locations and numbers. Several of the much-rarer Yellow-billed Cuckoos were also reported. Only a few owl accounts were received this summer, and no reporters saw or heard Eastern Screech Owls or Long-eared Owls.

The Common Nighthawk, a bird on the New Hampshire Threatened Species list, was seen by only two observers this summer, although Mary Wright reported many individual sightings from Keene (only a few are listed.)

Whip-poor-wills were reported from several locations, more-or-less following the pattern noted in the *Atlas of Breeding Birds in New Hampshire*.

A substantial number of Black-backed Woodpeckers were reported in the North Country, and a Three-toed Woodpecker was sighted along the Caps Ridge Trail. A Red-bellied Woodpecker was photographed feeding its young at a feeder in Pelham. It is possible that this is a New Hampshire breeder, but the family was observed too close to the Massachusetts border to be certain that the nest was in New Hampshire. We have yet to document Red-bellied Woodpeckers nesting in the state.

Date	#	town	location	observer(s)
Yellow-billed Cuckoo				
06-18	1	Concord	residence	R. Woodward
06-18	1	Durham	Lamprey River, Thompson Tract	G. Gavutis Jr.
07-04	1	Rye	Eel Pond, s. end	M. Resch, D. Donsker
Common Nighthawk				
06-01	1	Concord	East Side Drive	D. & B. Soule
06-12	1	Keene	Hannaford's	M. Wright
06-30	1	Keene	Washington & Vernon St.	M. Wright
07-11	2	Keene	Colony Mill	M. Wright
07-28	1	Keene	West St.	M. Wright

Date	#	town	location	observer(s)
Whip-poor-will				
06-01	1	Kingston	North Rd.	D. Huber
06-02	1	Tamworth	Tall Pines Rd. residence	J. Tewksbury
06-11	1	Fremont	Rt. 107	A. & B. Delorey
06-21	1	Chester	Hillside Haven	A. Delorey
06-25	1	Sanbornton	Shaw Hill Rd.	S. Locantori
Chimney Swift				
06-04	10		Lower Mascoma Lake	P. Hunt
07-29	9	Plymouth	downtown	J. Williams
Red-bellied Woodpecker				
06-07	2	Pelham	Woekel Circle	C. Pinette
Yellow-bellied Sapsucker				
06-15	2	Jefferson	Pondicherry WS	A. & B. Delorey
06-28	3	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
07-24	2	Gilsum	Hammond Hollow	M. Wright
Three-toed Woodpecker				
07-14	1	T&M Purchase	Caps Ridge Trail	R. Frechette
Black-backed Woodpecker				
06-10	1	Errol	Tidswell Pt. bog forest	C. Martin
06-10	1	Errol	Little Akers Pond Rd.	C. Martin
06-10	1	Cambridge	Sand Flat Road	R. Quinn
06-12	2	Errol	Mountain Pond bogs	R. Quinn
06-13	2	Errol	near Long Pond	R. Quinn, D. Brown
06-16	2	Pittsburg	Mt. Magalloway	A. & B. Delorey, BBC FT
06-21	1	Errol	Bear Brook	R. Quinn
06-25	1	Pittsburg	East Inlet	R. Woodward
06-27	1	Errol	Thirteen Mile Woods	R. Quinn
07-08	1	Livermore	Nancy Pond Trail	R. Woodward, Capital Area Chapter FT
07-23	1	Pittsburg	Rt. 3	A. & B. Delorey
07-25	2	Errol	Mollidgewock Brook bog	C. Martin
Pileated Woodpecker				
07-18	3	Bethlehem	USFS rd. off Trudeau Rd.	S. & M. Turner

Flycatchers

A late-migrant Olive-sided Flycatcher was seen in Chester on June 2. Normally seen farther north in summer, this bird must have been part of the short two-week migration pulse in late May/early-June. Conversely, a Yellow-bellied Flycatcher in Sandwich was at the southern edge of its typical territory in July a bit too early to be considered an early migrant. Willow Flycatchers were seen in more northerly locations than is typical.

Several flycatchers had unusual numbers of one-day sightings. Eastern Wood-Pewees, Yellow-bellied Flycatchers, Alder Flycatchers, and Least Flycatchers all pro-

vided New Hampshire birders with over 10 sightings in a day. Three separate sightings of Acadian Flycatchers and a photographed Western Kingbird west of Errol were among the "rare" encounters of the summer. One of the Acadian Flycatchers was the third sighting in as many years for this species in Pawtuckaway State Park.

Date	#	town	location	observer(s)
Olive-sided Flycatcher				
06-02	1	Chester	Hillside Haven	A. & B. Delorey
06-17	2	Pittsburg		A. & B. Delorey, BBC FT
06-21	1	Center Harbor	Chamberlain-Reynolds Memorial Forest	T. Vazzano, BBC FT
06-27	1	Enfield	Bog Rd.	P. Hunt
07-21	2	Pittsburg	Hall Stream Rd.	E. Nielsen
Eastern Wood-Pewee				
06-10	17	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
Yellow-bellied Flycatcher				
06-12	8	Errol	Mountain Pond bogs	R. Quinn
06-15	8	Bethlehem	Trudeau Rd. bogs	T. Vazzano, B. Bruni
06-17	14	Pittsburg		A. & B. Delorey, BBC FT
06-21	10	Pittsburg	Scott Bog Rd.	E. Nielsen
07-20	6	Pittsburg	East Inlet Road	E. Nielsen
07-21	4	Bethlehem	Trudeau Rd.	A. & B. Delorey
07-27	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
Acadian Flycatcher				
06-01	1	Rye	banded, Star Is. Banding Station	R. Suomala, K. Palfy
06-05	1	Rye	banded, Star Is. Banding Station	R. Suomala, G. Stansfield
06-10	1	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
07-04	1	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
Alder Flycatcher				
06-08	10	Enfield	Bog Rd.	P. Hunt
06-15	5	Jefferson	Pondicherry WS	A. & B. Delorey
06-15	4	Bethlehem	Trudeau Rd. bogs	T. Vazzano, B. Bruni
06-17	17	Pittsburg		A. & B. Delorey, BBC FT
06-21	4	Lisbon	Cole Plain swamp	S. Turner
07-21	8	Pittsburg	Indian Stream Rd.	E. Nielsen
Willow Flycatcher				
06-02	1	Lisbon	Cole Plain	S. Turner
06-03	2	Plymouth	Loon Lake Rd.	J. Williams
06-10	1	Holderness	wetlands s. of Rt. 175A	J. Williams
06-15	1	Whitefield	Airport marsh	A. & B. Delorey
06-17	2	Lisbon	Cole Plain Swamp	S. Turner
06-18	3	Plymouth	Loon Lake Rd.	J. Williams
Least Flycatcher				
06-04	5		Lower Mascoma Lake	P. Hunt
06-10	18	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-21	7	Pittsburg	Scott Bog Rd.	E. Nielsen
07-09	4	Holderness	wetlands s. of Rt. 175A	J. Williams
Western Kingbird				
06-14	1	Millsfield	Rt. 26 fields between Errol & Dixville	R. Quinn

Vireos, Jays, and Crows Horned Lark, Martins, and Swallows

Several sightings of Yellow-throated Vireos provided encounters with the rarer members of the Vireonidae family last summer. Other vireo sightings were typical of the summer months and locations.

Gray Jays made many appearances this summer, usually in family groups. All of the sightings listed below were comprised of adults and juveniles together.

Only one Horned Lark was reported last summer, a big change from 1999. In addition to the traditional Purple Martin colony at Funspot in Weirs Beach, two large colonies were reported in Moultonborough each of which was using only one martin house.

Two large flocks of Tree Swallows made appearances. Bob Quinn reported that the 300 seen in Leonard Marsh had "left their breeding area and were staging for migration."

Date	#	town	location	observer(s)
Yellow-throated Vireo				
06-10	5	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-18	1	Concord	Turkey Pond	R. Woodward
06-19	2	Durham	DOE Farm & Roche properties	G. Gavutis, Jr.
06-25	3		Lower Mascoma Lake	P. Hunt
Blue-headed Vireo				
06-15	6	Bethlehem	Trudeau Rd. bogs	T. Vazzano, B. Bruni
06-22	13	Pittsburg	Perry Stream Rd.	E. Nielsen
06-28	6	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
07-22	7	Pittsburg	Scott Bog Rd.	E. Nielsen
Philadelphia Vireo				
06-17	4	Pittsburg		A. & B. Delorey, BBC FT
06-21	2	Pittsburg	Scott Bog Rd.	E. Nielsen
Red-eyed Vireo				
06-03	16	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-04	12		Lower Mascoma Lake	P. Hunt
06-10	14	New London	auto survey route	A. & R. Vernon
06-10	16	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-22	26	Pittsburg	Perry Stream Rd.	E. Nielsen
07-21	18	Pittsburg	Indian Stream Rd.	E. Nielsen
Gray Jay				
06-10	4	Errol	Tidswell Pt. bog forest	C. Martin
06-17	2	Pittsburg	East Inlet Rd.	A. & B. Delorey, BBC FT
06-20	5	Errol	near Bear Brook Pond	R. Quinn
06-21	3	Pittsburg	Scott Bog Rd.	E. Nielsen
06-23	4	Pittsburg	East Inlet	R. Woodward
07-12	2	T&M Purchase	Caps Ridge Trail	C. & J. Tewksbury
07-22	4	Pittsburg	East Inlet Rd.	E. Nielsen
07-25	3	Errol	Mollidgewock Brook bog	C. Martin
Fish Crow				
06-25	1		Epsom BBS Route	P. Newbern

Date	#	town	location	observer(s)
Horned Lark				
06-04	1	Manchester	old dump	R. Quinn
Purple Martin				
06-05	12	Laconia	Funspot, Wiers Beach	B. Taffe
06-13	4	Laconia	Prescott Farm Audubon Ctr.	A. McIntyre
06-28	17	Moultonborough	Lees Mill Road	S. Mirick
07-26	20	Moultonborough	Winward Harbor by beach	A. Ports, J. Cahill
Tree Swallow				
07-13	193	Enfield	George Pond	P. Hunt
07-28	300	Errol	Leonard Marsh	R. Quinn
Cliff Swallow				
06-23	15	Pittsburg	Tabor Rd.	E. Nielsen
07-09	30	Holderness	Bridgewater Hill Rd.	J. Williams
07-21	8	Sandwich	Diamond Ledge Rd.	T. Vazzano
Barn Swallow				
07-28	27	Gilsum	Hammond Hollow	M. Wright

Chickadees, Nuthatches Wrens, Kinglets, and Gnatcatchers

Many birders found Boreal Chickadees last summer. Most were in typical locations throughout Coos County, although one appeared a bit south in northern Grafton County. The 42 Winter Wrens encountered by the Delorey-led Brookline Bird Club field trip was the second largest number seen in the last decade of summers. A quick examination of *New Hampshire Bird Records* suggests that Pittsburg is a very reliable location for these wrens as well as Golden-crowned and Ruby-crowned Kinglets. Most of these two latter species were seen "north of the notch," although one Golden-crowned Kinglet was seen around 2000 ft. elevation on North Pack Monadnock.

Date	#	town	location	observer(s)
Boreal Chickadee				
06-07	5	T&M Purchase	Caps Ridge Trail	T. Vazzano, B. Bruni, R. Toochin
06-12	2	Errol	Mountain Pond bogs	R. Quinn
06-13	2	Lincoln	Mt. Wolf, Kinsman Ridge Trail	C. West
06-19	16	Pittsburg	East Inlet Rd.	E. Nielsen
07-09	4	Livermore	Mt. Osceola Trail	S. Mirick, J. Matthews
07-22	8	Pittsburg	East Inlet	A. & B. Delorey
07-23	9	Pittsburg	Magalloway Rd.	E. Nielsen
07-26	2	Errol	clearcut west of Long Pond	C. Martin
Carolina Wren				
06-01	1	Hanover	Blueberry Rd.	D. Crook

Date	#	town	location	observer(s)
Winter Wren				
06-15	6	Bethlehem	Trudeau Rd. bogs	T. Vazzano, B. Bruni
06-17	42	Pittsburg		A. & B. Delorey, BBC FT
06-19	13	Pittsburg	East Inlet Rd.	E. Nielsen
06-22	21	Pittsburg	Perry Stream Rd.	E. Nielsen
06-27	6	Warren	3 Ponds Trail, WMNF	B. Laird
07-22	18	Pittsburg	East Inlet Rd.	E. Nielsen
Golden-crowned Kinglet				
06-17	40	Pittsburg		A. & B. Delorey, BBC FT
06-22	17	Pittsburg	Perry Stream Rd.	E. Nielsen
07-20	18	Pittsburg	East Inlet Rd.	E. Nielsen
07-30	1	Greenfield	N. Pack Monadnock	R. Andrews
Ruby-crowned Kinglet				
06-17	18	Pittsburg		A. & B. Delorey, BBC FT
06-22	12	Pittsburg	Perry Stream Rd.	E. Nielsen
07-08	1	Whitefield	Little Cherry Pond	S. Mirick, ASNH FT
07-18	1	Bethlehem	USFS rd. off Trudeau Rd.	S. & M. Turner
07-19	2	Pittsburg	border area	E. Nielsen
Blue-gray Gnatcatcher				
06-04	1	Enfield	Main St. Pond	P. Hunt
06-10	2	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-10	1	Holderness	wetlands s. of Rt. 175A	J. Williams

Thrushes and Thrashers Mockingbirds and Waxwings

Many observers sent thrush reports in 2000; several are listed below. It seems that the beauty of their songs inspires observers to report them, even when they are found in small numbers in expected locations. Who can resist?

Steve Mirick reports that the Bicknell's Thrush on the Mt. Osceola Trail was carrying "food for young" — he had four Bicknell's in all...how lucky can a person get!

The Northern Mockingbird in the Second College Grant was reported by Bob Quinn to be "my only Umbagog region record." For this region, the *Atlas of Breeding Birds in New Hampshire* lists only a "probable" breeder in Milan and a "possible" in Dummer; Bob's sighting was not only a rarity for him, but a "good bird" for the region.

Date	#	town	location	observer(s)
Eastern Bluebird				
06-14	1	Errol	near airport	R. Quinn
06-20	6	Gilsum	Hammond Hollow	M. Wright
07-14	4	Haverhill	Lime Kiln Rd., E. Haverhill	J. Williams, J. Haartz
Veery				
06-10	17	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-10	3	New London	auto survey route	A. & R. Vernon
06-21	33	Pittsburg	Hall Stream Rd.	E. Nielsen
06-27	5	Enfield	Bog Rd.	P. Hunt

Date	#	town	location	observer(s)
Bicknell's Thrush				
06-07	1	T&M Purchase	Caps Ridge Trail	T. Vazzano, B. Bruni, R. Toochin
07-09	4	Livermore	Mt. Osceola Trail	S. Mirick, J. Matthews
Swainson's Thrush				
06-15	17	Errol	Rt. 16 near Long Pond	R. Quinn
06-17	28	Pittsburg		A. & B. Delorey, BBC FT
06-20	2	Livermore	Mt. Osceola East Peak	C. Martin
06-21	12	Pittsburg	Scott Bog Rd.	E. Nielsen
07-05	2	Waterville Valley	Sandwich Mtn. trail, WMNF	J. Williams
07-21	15	Pittsburg	Indian Stream Rd.	E. Nielsen
07-23	14	Pittsburg	East Inlet Rd.	E. Nielsen
Hermit Thrush				
06-10	6	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-20	9	Pittsburg	Smith Bog Rd.	E. Nielsen
07-06	4	Livermore	Talford Brook drainage, WMNF	J. Williams
07-18	5	Bethlehem	USFS rd. off Trudeau Rd.	S. & M. Turner
07-19	3	Benton	Blueberry Mtn. Trail	J. Williams, J. Haartz
07-22	16	Pittsburg	East Inlet Rd.	E. Nielsen
Wood Thrush				
06-05	1	Littleton	Moore Reservoir	S. & M. Turner
06-07	1	Exeter	residence	G. Prazar
06-10	11	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-11	1	Gilsum	Hammond Hollow	M. Wright
06-17	2	New London	Bunker survey loop	R. Vernon
06-24	1	Pittsburg	Back Lake	R. Woodward
07-18	1	Exeter	below Hemenway Health Ctr.	G. Prazar
Gray Catbird				
07-24	5	Pittsburg	Perry Stream Rd.	A. & B. Delorey
Northern Mockingbird				
06-09	1	Second College Grant	woodcock clearing	R. Quinn, J. Lanier, W. Staats
Brown Thrasher				
06-08	1	Rye	Star Is., Isles of Shoals	R. Suomala, et al.
06-11	2		E. Kingston BBS Rt.	A. & B. Delorey
06-14	1	Errol	airport	R. Quinn
06-15	1	Bethlehem	Trudeau Rd. bogs	T. Vazzano, B. Bruni
06-15	1	Whitefield	Airport marsh	A. & B. Delorey
06-26	2	Lyman	Skinny Ridge Rd.	S. Turner
Cedar Waxwing				
06-01	30	Errol	Magalloway River	R. Quinn
06-21	18	Pittsburg	Scott Bog Rd.	E. Nielsen
06-29	10	New London	County Rd.	E. Phillips
07-04	6	Lyman	Dodge Pond	S. & M. Turner
07-21	36	Pittsburg	Indian Stream Rd.	E. Nielsen

Warblers

Summer 2000 brought excellent warbler reports in both the southern and northern parts of the state.

In the south, Tennessee Warblers that were thought to be "early Fall migrants" during the last couple of years seem too early this year. Could they be summer residents? The Northern Parulas that have been reported at Pawtuckaway State Park for the past two years were described this year as "singing on territory" on both June 10 and July 4. The Mourning Warbler heard singing by Peter Newbern on his Breeding Bird Survey Route on June 25 was a very rare occurrence for this part of the state. The Cerulean Warblers continue their presence at Pawtuckaway State Park.

On the Isles of Shoals, Rebecca Suomala and her banding team on Star Island recorded many interesting late migrant warblers in early June, including Northern Parula, Yellow-rumped, Bay-breasted, Blackpoll, American Redstart, Northern Waterthrush, Mourning, and Wilson's Warblers.

Birders in the north country also reported several warblers unusual for summer. *The Atlas of Breeding Birds in New Hampshire* (for which the field work was done in the 1980s) does not list any Pine Warblers breeding in the Umbagog region, but for the second year in a row this species was reported at Potter Farm, with another two birds reported nearby. All three of this year's birds were reported singing. A Palm Warbler was heard singing on June 12 in Errol. Sandy Turner reported hearing a Prairie Warbler singing in Shelburne, the first she's encountered in nine years of doing the Breeding Bird Survey in that town.

There were a few disappointments, also. No Golden-winged Warblers were reported for the third summer in succession. Nor were Cape May or Worm-eating Warblers. Concerning the Northern Waterthrush, Kimball Elkins cautioned that "future trends will bear watching, especially in southern New Hampshire, where increasing development may reduce habitat availability." (*Atlas of Breeding Birds of New Hampshire*). Reports from southern New Hampshire have been steadily fewer in the recent past. This year, except for the Star Island banding station, there were no reports.

Other warblers were reported in typical habitats.

Date	#	town	location	observer(s)
Blue-winged Warbler				
06-11	3		E. Kingston BBS Rt.	A. & B. Delorey
06-25	2	Weare	Clough St. Pk.	R. & M. Suomala
Tennessee Warbler				
06-15	1	Jefferson	Pondicherry WS	A. & B. Delorey
06-19	1	Pittsburg	Rt. 3 s. of First Connecticut Lake	R. Quinn
06-19	1	Colebrook	East Colebrook	R. Quinn
Nashville Warbler				
06-15	15	Bethlehem	Trudeau Rd. bogs	T. Vazzano, B. Bruni
06-17	50	Pittsburg		A. & B. Delorey, BBC FT
06-22	5		Welch-Dickey Mtn. loop trail	J. Williams
07-20	7	Pittsburg	East Inlet Rd.	E. Nielsen

Date	#	town	location	observer(s)
Northern Parula				
06-03	1	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-08	4	Enfield	Bog Rd.	P. Hunt
06-10	1	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-17	20	Pittsburg		A. & B. Delorey, BBC FT
06-25	1		Epsom BBS Route	P. Newbern
07-01	1	Campton	Bog Road by Bog Pond	J. Williams
07-04	1	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
07-04	2	Lyman	Dodge Pond	S. & M. Turner
07-24	5	Pittsburg	Timberland	E. Nielsen
Chestnut-sided Warbler				
06-04	4	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-04	4		Lower Mascoma Lake	P. Hunt
06-08	10	Enfield	Bog Rd.	P. Hunt
06-17	20	Pittsburg		A. & B. Delorey, BBC FT
06-22	9	Pittsburg	Perry Stream Rd.	E. Nielsen
06-28	4	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
07-21	4	Pittsburg	Indian Stream Rd.	E. Nielsen
Magnolia Warbler				
06-15	12	Bethlehem	Trudeau Rd. bogs	T. Vazzano, B. Bruni
06-17	45	Pittsburg		A. & B. Delorey, BBC FT
06-22	19	Pittsburg	Perry Stream Rd.	E. Nielsen
07-21	18	Pittsburg	Indian Stream Rd.	E. Nielsen
Black-throated Blue Warbler				
06-08	10	Thornton	Talford Brook drainage, WMNF	J. Williams
06-17	20	Pittsburg		A. & B. Delorey, BBC FT
Yellow-rumped Warbler				
06-04	1	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-08	13	Enfield	Bog Rd.	P. Hunt
06-22	13	Pittsburg	Perry Stream Rd.	E. Nielsen
07-18	5	Bethlehem	USFS rd. off Trudeau Rd.	S. & M. Turner
07-21	9	Pittsburg	Indian Stream Rd.	E. Nielsen
Black-throated Green Warbler				
06-10	6	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-17	3	New London	Bunker survey loop	R. Vernon
06-17	20	Pittsburg		A. & B. Delorey, BBC FT
06-19	27	Pittsburg	East Inlet Rd.	E. Nielsen
06-28	4	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
07-20	18	Pittsburg	East Inlet Rd.	E. Nielsen
Blackburnian Warbler				
06-08	3	Enfield	Bog Rd.	P. Hunt
06-10	9	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-22	8	Pittsburg	Perry Stream Rd.	E. Nielsen
06-29	4	Thornton	Welch Mtn. Trail, WMNF	J. Williams
Pine Warbler				
06-01	1	Errol	east of Potter Farm	R. Quinn
06-10	2	Cambridge	Lakeside Road	R. Quinn

Date	#	town	location	observer(s)
Prairie Warbler				
06-13	2	Shelburne	Meadow Rd.	S. Turner
06-27	1	Gilsum	Hammond Hollow	M. Wright
Palm Warbler				
06-12	1	Errol	Mountain Pond bogs	R. Quinn
Bay-breasted Warbler				
06-03	1	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-04	1	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-08	1	Springfield	Bog Rd.	P. Hunt
06-10	4	Errol	opposite Mountain Pond Rd.	R. Quinn
06-15	3	Errol	Rt. 16	R. Quinn
06-17	14	Pittsburg		A. & B. Delorey, BBC FT
07-20	5	Pittsburg	East Inlet Rd.	E. Nielsen
Blackpoll Warbler				
06-03	15	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-17	31	Pittsburg		A. & B. Delorey, BBC FT
06-17	5	T&M Purchase	Caps Ridge Trail	J. Williams
06-19	23	Pittsburg	East Inlet Rd.	E. Nielsen
06-20	6	Livermore	Mt. Osceola East Peak	C. Martin
06-21	12	Pittsburg	Scott Bog Rd.	E. Nielsen
07-23	5	Pittsburg	East Inlet Rd.	E. Nielsen
07-24	4	T&M Purchase	Jefferson Notch	A. & B. Delorey
Cerulean Warbler				
06-04	1	Nottingham	Pawtuckaway St. Pk.	S. Mirick, J. Matthews
06-10	1	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
American Redstart				
06-03	18	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-04	5		Lower Mascoma Lake	P. Hunt
06-10	35	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-21	12	Pittsburg	Scott Bog Rd.	E. Nielsen
Ovenbird				
06-10	9	New London	auto survey route	A. & R. Vernon
06-10	28	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-17	9	New London	Bunker survey loop	R. Vernon
06-25	5		Lower Mascoma Lake	P. Hunt
Northern Waterthrush				
06-08	1	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-14	1	Holderness	wetlands by Outback Driving Range	J. Williams, S. & R. Smith
06-15	3	Bethlehem	Trudeau Rd. bogs	T. Vazzano, B. Bruni
06-17	14	Pittsburg		A. & B. Delorey, BBC FT
06-21	9	Pittsburg	Scott Bog Rd.	E. Nielsen
Louisiana Waterthrush				
06-10	1	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-18	1	Plymouth	Fairgrounds Rd.	J. Williams
06-18	2		Lamprey River	G. Gavutis, Jr.
06-21	1	Center Harbor	Chamberlain-Reynolds Memorial Forest	T. Vazzano

Date	#	town	location	observer(s)
Mourning Warbler				
06-04	1	Deerfield	off Rt. 107	S. Mirick
06-08	2	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-11	4	Jefferson	Pondicherry WS	T. Vazzano, BBC FT
06-15	3	Whitefield	trail to Pondicherry WS	A. & B. Delorey
06-20	1	Thornton	off Russell Pond Rd.	J. Williams
06-20	9	Pittsburg	Smith Brook Rd.	E. Nielsen
06-24	1	Pittsburg	Perry Stream	R. Woodward
06-25	1		Epsom BBS Route	P. Newbern
07-08	3	Whitefield	Pondicherry Trail	S. Mirick, ASNH FT
Common Yellowthroat				
06-08	12	Enfield	Bog Rd.	P. Hunt
07-13	21	Enfield	George Pond	P. Hunt
07-21	17	Pittsburg	Indian Stream Rd.	E. Nielsen
Wilson's Warbler				
06-07	1	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-21	2	Pittsburg	Scott Bog Rd.	E. Nielsen
06-25	1	Pittsburg	East Inlet	R. Woodward
06-25	2	Errol	Magalloway River	R. Quinn, Capital Area Chapter FT
Canada Warbler				
06-08	4	Enfield	Bog Rd.	P. Hunt
06-17	10	Pittsburg		A. & B. Delorey, BBC FT
06-28	3	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni

Tanagers and Towhees Sparrows, Rose-breasted Grosbeaks and Buntings

A vagrant Summer Tanager visited Star Island in early June, and the more common Scarlet Tanagers provided color for observers in the rest of the state.

In summer 1999, Bob Quinn wondered aloud in these pages if the large number of grassland sparrow reports could have been due to a dry spring and early onset of summer. Summer 2000 unfortunately didn't bring nearly as many reports of these species. Perhaps it was the wetter, colder weather, or perhaps it is also due to the fact that Pam Hunt's grassland bird study ended and so did her reports from that extensive fieldwork. Another contrast with summer 1999 was in reports of Dark-eyed Juncos. In 1999, there were many reports of this species; in summer 2000, there were few reports, none from the North Country.

Seasoned seacoast observers brought reports of both Nelson's and Saltmarsh Sharp-tailed Sparrows but no Seaside Sparrows. Likewise, there were no reports of Henslow's Sparrow, a species formerly on the New Hampshire Endangered Species list but now considered extirpated from the state.

A few observers had the luck to see groups of Rose-breasted Grosbeaks. Several others (not listed) also reported individual sightings of this species during the summer.

Date	#	town	location	observer(s)
Summer Tanager				
06-02	1	Rye	Star Island, Isles of Shoals	R. Suomala, K. Palfy
Scarlet Tanager				
06-08	3	Thornton	Talford Brook drainage, WMNF	J. Williams
06-10	8	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-10	3	New London	auto survey route	A. & R. Vernon
06-28	3	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
Field Sparrow				
06-13	1	Shelburne	Meadow Rd.	S. & M. Turner
06-20	1	Cambridge	Lakeside Rd.	R. Quinn
07-23	7	Concord	Concord Airport	R. Woodward
07-31	2	Plymouth	off Cooksville Rd.	J. Williams
Vesper Sparrow				
06-22	1	Newington	Pease Int'l. Tradeport	S. Mirick
06-28	2	Alton	Prospect Mountain	S. Mirick
07-23	1	Concord	Concord Airport	R. Woodward
Savannah Sparrow				
06-01	5	Errol	Leonard Marsh	R. Quinn
06-18	2	Plymouth	Plymouth Airport	J. Williams
06-21	2	Errol	Leonard Marsh	C. Martin
06-22	4	Pittsburg	Day Rd.	E. Nielsen
07-05	2	Merrimack	Anheuser-Busch brewery	R. Andrews
07-24	10	Pittsburg	Perry Stream Rd.	A. & B. Delorey
Grasshopper Sparrow				
07-05	1	Merrimack	Anheuser-Busch brewery	R. Andrews
Nelson's Sharp-tailed Sparrow				
06-02	1	Rye	Star Island, Isles of Shoals	R. Suomala, K. Palfy
06-18	2	Stratham	Chapmans Landing	S. Mirick
07-02	6	Newfields	Chapmans Landing	D. Donsker
Saltmarsh Sharp-tailed Sparrow				
06-18	3	Stratham	Chapmans Landing	S. Mirick
06-25	30	Hampton	Hampton marshes	S. Mirick
07-02	4	Newfields	Chapmans Landing	D. Donsker
Lincoln's Sparrow				
06-01	2	Errol	Leonard Marsh	R. Quinn
06-03	1	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-17	13	Pittsburg		A. & B. Delorey, BBC FT
06-24	5	Pittsburg	Perry Stream	R. Woodward
07-21	11	Pittsburg	Smith Brook Rd.	E. Nielsen
Swamp Sparrow				
06-08	7	Enfield	Bog Rd.	P. Hunt
07-01	5	Rumney	Quincy Bog	J. Williams
07-21	7	Pittsburg	Indian Stream Rd.	E. Nielsen
White-throated Sparrow				
06-22	86	Pittsburg	Perry Stream Rd.	E. Nielsen
07-21	58	Pittsburg	Indian Stream Rd.	E. Nielsen

Date	#	town	location	observer(s)
White-crowned Sparrow				
06-07	1	Rye	Star Is., Isles of Shoals	R. Suomala, et al.
Rose-breasted Grosbeak				
06-04	4	Columbia	residence	D. Killam
06-05	4	Nashua	Clovercrest Dr.	B. & M. Harris, et al.
07-04	3	Lyman	Dodge Pond	S. & M. Turner
07-23	7	Lyman	Dodge Pond	S. & M. Turner
Indigo Bunting				
06-08	1	Rye	banded, Star Is. Banding Station	R. Suomala, et al.
06-10	3	Laconia	Prescott Farm WS	B. Taffe
06-29	2	Walpole	County Rd. s. of village	H. Beck
07-20	1	Gilmanton	Middle Route	B. Sens

**Bobolinks and Meadowlarks
Blackbirds and Grackles
Orioles
Finches, Pine Siskins, Crossbills,
and Evening Grosbeaks**

BBobolinks appeared throughout the state, from north to south, but most notable was John Williams' finding 94 in Campton on July 1. Rusty Blackbirds appeared throughout the north country but none strayed south. The Eastern Meadowlark Chris Martin saw in Dalton was in the northern part of its range.

A pair of Orchard Orioles came to George Gavutis' feeders in Kensington in June and stayed for the summer. The male ceased singing in late June, and on July 10 showed up with two well-fledged young. They stayed until late in the month, with the young last seen on July 21.

Red Crossbills appeared in the north country as expected but two observations, in Concord and in Durham, were quite unusual. A pair showed up at Margaret Lee's feeder in Concord on May 30 and stayed until June 26. White-winged Crossbills staged a spectacular irruption throughout the northern part of New Hampshire. Starting with a few birds in Cambridge on June 6, several birders had the chance to see rather large numbers of birds, culminating with Bob Quinn's recording 70 in the Lake Umbagog region on July 28. Evening Grosbeaks reached as far south as Gilsum and Pawtuckaway State Park.

A few observers sent in reports of our "state bird," the Purple Finch.

Date	#	town	location	observer(s)
Bobolink				
06-10	4	New London	auto survey route	A. & R. Vernon
06-10	10	Laconia	Prescott Farm WS	B. Taffe
06-18	2	Plymouth	Fairgrounds & Loon Lake Rds.	J. Williams
06-19	23	Colebrook	East Colebrook fields	R. Quinn
06-23	5	Pittsburg	Tabor Rd.	E. Nielsen

Date	#	town	location	observer(s)
Bobolink — cont.				
07-01	94	Campton	Pulsifer's farm	J. Williams
07-02	11	Campton	Bump Bridge fields	J. Williams
07-06	16	Chester	Hillside Haven	A. & B. Delorey
Eastern Meadowlark				
06-11	1	Dalton	Rt. 135 ne. of Rt. 142 jct.	C. Martin
07-05	4	Merrimack	Anheuser-Busch brewery	R. Andrews
07-23	4	Concord	Concord Airport	R. Woodward
Rusty Blackbird				
06-10	4	Errol	Tidswell Pt. wetlands/bog	C. Martin
06-17	3	Pittsburg	East Inlet Rd.	A. & B. Delorey, BBC FT
06-19	1	Dixville	Rt. 26	R. Quinn
06-25	5	Errol	Horseshoe Pond oxbow	R. Quinn, Capital Area Chapter FT
06-28	2	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
07-23	12	Pittsburg	Lake Francis Loop	A. & B. Delorey
07-24	6	Pittsburg	Perry Stream Rd.	A. & B. Delorey
Orchard Oriole				
06-11	2	Kensington	Rt. 107 residence	G. Gavutis
06-19	1	Durham	Moat Island/DOE Farm	G. Gavutis, Jr.
06-24	1	Newington	Great Bay NWR	S. Mirick
07-10	4	Kensington	Rt. 107 residence	G. Gavutis, Jr.
07-21	1	Kensington	Rt. 107 residence	G. Gavutis, Jr.
Baltimore Oriole				
06-01	2	Lyman	Dodge Pond	S. & M. Turner
06-02	2	Nashua	Clovercrest Dr.	B. & M. Harris
06-10	7	Holderness	wetlands s. of Rt. 175A	J. Williams
06-18	7	Concord	Turkey Pond	R. Woodward
07-04	5	Lyman	Dodge Pond	S. & M. Turner
07-08	2	Walpole	County Rd. residence	G. & H. Beck
07-15	1	Columbia	residence	D. & B. Killam
07-25	2	Gilsum	Hammond Hollow	M. Wright
Purple Finch				
06-10	2	New London	Hilltop feeder	H. & P. Damon
06-10	15		Lake Umbagog region	R. Quinn
06-28	3	Sandwich	Guinea Pond Trail	T. Vazzano, B. Bruni
06-29	5	New London	Hilltop feeder	H. & P. Damon
07-04	3	Lyman	Dodge Pond	S. & M. Turner
07-20	6	Pittsburg	Timberland	E. Nielsen
Red Crossbill				
06-12	1	Errol	Mountain Pond bogs	R. Quinn
06-18	1	Durham	Madbury Road	S. Mirick, D. Abbott
06-19	2	Concord	Ridge Rd. feeder	M. Lee
06-22	1	Pittsburg	Perry Stream Rd.	E. Nielsen
06-27	1	Enfield	Bog Rd.	P. Hunt
06-27	2	Errol	airport	R. Quinn
07-02	3	Conway	off West Side Rd.	S. Mirick

Date	#	town	location	observer(s)
White-winged Crossbill				
06-24	7	Cambridge	Sand Flat Road	R. Quinn, Capital Area Chapter FT
07-08	3	Livermore	Nancy Pond	R. Woodward, Capital Area Chapter FT
07-14	6	Dummer	near Pontook Reservoir	C. Martin
07-18	17	Bethlehem	USFS rd. off Trudeau Rd.	S. & M. Turner
07-19	25	Bethlehem	Trudeau Rd. bogs	T. Vazzano, B. Bruni
07-21	21	Bethlehem	Trudeau Rd.	A. & B. Delorey
07-22	42	Pittsburg	East Inlet	A. & B. Delorey
07-23	6	Pittsburg	Scott Brook Rd.	A. & B. Delorey
07-24	14	T&M Purchase	Jefferson Notch	A. & B. Delorey
07-28	70		Lake Umbagog region	R. Quinn
Pine Siskin				
06-05	1	Gilmanton	Crystal Lake, Gilmanton Ironworks	W. Arms
06-11	2	Gilmanton	Middle Route	B. Sens
06-27	4	Errol		R. Quinn
07-19	1	T&M Purchase	Jefferson Notch	T. Vazzano, B. Bruni
07-23	1	Lyman	Dodge Pond	S. Turner
07-23	9	Pittsburg	Magalloway Rd.	E. Nielsen
American Goldfinch				
06-23	6	Pittsburg	Tabor Rd.	E. Nielsen
07-04	10	Lyman	Dodge Pond	S. & M. Turner
Evening Grosbeak				
06-04	2	Columbia	residence	D. & B. Killam
06-07	2	New London	Hilltop feeder	H. & P. Damon
06-10	3	Nottingham	Pawtuckaway St. Pk.	A. & B. Delorey
06-11	3	Gilsum	Hammond Hollow	M. Wright
06-20	2	Pittsburg	Smith Brook Rd.	E. Nielsen
06-26	2	New London	Hilltop feeder	H. & P. Damon
07-04	2	Lyman	Dodge Pond	S. & M. Turner
07-05	5	Walpole	County Rd. residence	H. Beck
07-06	1	Tamworth	Whispering Pines B&B, Hemenway Rd.	J. & B. Ayer, E. Erickson
07-21	7	Gilmanton	Middle Route	B. Sens
07-21	5	Pittsburg	Indian Stream Rd.	E. Nielsen
07-22	2	Gilsum	Hammond Hollow	M. Wright

North American Breeding Bird Survey

Patuxent Wildlife Research Center (U.S. Geological Survey, Department of the Interior), in cooperation with Canadian Wildlife Services

by Francie Von Mertens

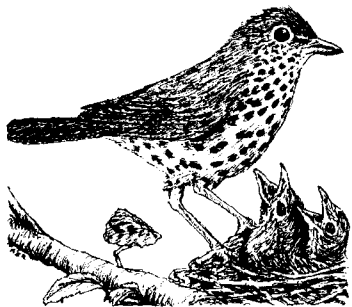
In the 1960s, concerned that widespread pesticide use was killing birds as well as the intended insect targets, Chandler Robbins and his associates at Patuxent Wildlife Research Center developed a censusing protocol that could deliver the long-term tracking needed to demonstrate credible population trends. With a start-up in 1966, the North American Breeding Bird Survey (NABBS, commonly referred to as the BBS) in relatively short order has become what Robbins intended: the leading source for trend information for North American land birds.

Each year, at the height of the breeding season, volunteers in the U.S. and Canada conduct point counts on some 3,000 routes established along secondary roads. Traveling by car and beginning a half hour before sunrise, volunteers run three-minute point counts every half mile along a 25-mile route, noting all birds seen or heard within a quarter-mile radius of the stop. A single observer collects the data, but a timer/data recorder assistant is recommended.

The considerable accumulating data can be analyzed in a number of ways: to spot population changes at continental, regional, and local scales; or among breeding bird populations in broad habitat types, such as the northern spruce-fir forest; or to compare relations between species: for instance, determining whether a local increase in Brown-headed Cowbirds coincides with a local decrease in any cowbird host species, or to examine if resident bird populations recover quickly after a particularly harsh winter.

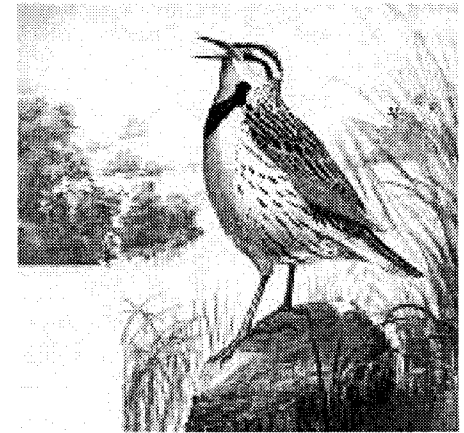
Analysis in the late 1980s alerted scientists and conservationists to an apparent and alarming decline in neotropical migrants breeding in Northeast woodlands. Initial alarm was moderated by further analysis indicating that population declines often were local and not continent- or range-wide. One species found to have declined throughout its range is the Wood Thrush, with a drop-off of over 40% since 1966. Another, the Cerulean Warbler, has declined more than 50%.

In some cases, declines can be attributed to identifiable land-use changes. In New York state, the mean number of Eastern Meadowlarks counted per survey route fell from 20.79 birds in 1966 to the low single numbers in the 1990s. Earlier hay cutting and farm abandonment are seen as primary factors in the species' decline.



Wood Thrush
by Andrea Robbins

Eastern Meadowlark
by E.J. Sawyer



An overview of all results over the years shows approximately as many species increasing in abundance as the number of species decreasing. Grassland species and those favoring shrubby early succession habitats are showing a fairly consistent and widespread decline, whereas woodland species, especially permanent resident and short-distance migrants, show more encouraging results.

For a number of important reasons, the NABBS is intended to be used as a delivery system for long-term trend information, not as a census of bird populations. The chief reason is an inconsistency of coverage. There is a far greater density of survey routes among states with a wealth of skilled birders. New England is a hotbed for NABBS routes, whereas in some western states they are few and far between. Steadily improving birding skills over the past 34 years also skews the figures if used as a census rather than to determine relative abundance trends. Wetland species also are underrepresented, due to a roadside bias (i.e. fewer wetlands along roadsides).

As a long-term trend indicator, however, there is a strong level of scientific confidence in Chandler Robbins' North American Breeding Bird Survey, and the NABBS Internet home page merits exploration. Color-coded maps deliver information species-by-species, short-term and long-term. Winter distribution maps based on Christmas Bird Count data also are available on the NABBS home page (search "breeding bird survey" to locate the site).

As the NABBS gains maturity, geographic coverage is improving, along with the sophistication of data analysis and delivery — greatly assisted by GIS mapping. Remarkably, the continent-wide survey relies on volunteers for the most part, many of whom have been rising early one day in June since the surveys began in 1966.

New Hampshire's BBS coordinator is Rebecca Suomala, wearer of many hats, including managing editor of this publication, and a BBS route volunteer herself. While all New Hampshire routes are currently covered, there are regular needs for new volunteers to take over a route when someone "retires." Being a BBS volunteer requires excellent bird identification skills, especially by ear, for those species found in the area. It involves an annual commitment of one day a year, followed by data submission (hand-written or via the web). It is best to be able to make a long-term commitment to taking over a route because the best data quality results from the same volunteer conducting the same route each year. If you are interested in becoming a BBS volunteer, please let Rebecca know by phone at 224-9909, ext. 309, or e-mail at bsuomala@nhaudubon.org. She would like to have a list of interested volunteers that she can contact when she has a route opening.

New Hampshire's Endangered Bird List Revised

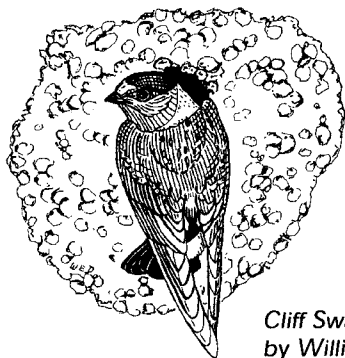
by Rebecca W. Suomala

The New Hampshire state list of threatened and endangered birds was revised in October of 2000. The last time the list was revised was in 1987 (the same list was re-adopted in 1994). The revision process involved an extensive review of 51 bird species, and *New Hampshire Bird Records* played a significant role by providing data on many of these species.

The New Hampshire Partners in Flight (PIF) Committee, convened by the Nongame and Endangered Wildlife Program of the New Hampshire Fish and Game Department, serves as the state's bird conservation committee. A sub-group of this committee met in March of 2000 to begin the review process for revising the bird portion of the state threatened and endangered species list. I was one of the members of that technical team. Members of the group and other experts wrote accounts for the 46 birds under consideration for listing (five additional species were discussed at the final meeting, bringing the total of species reviewed to 51). These accounts included information on the historical and current distribution of the species, an evaluation of our current knowledge, factors affecting the species, and the justification for any proposed listing action. The PIF Committee reviewed the species accounts and proposed a final list to the Fish and Game Department. That list was adopted in October after hearings were held for public comment.

Information from *New Hampshire Bird Records* and the *Atlas of Breeding Birds in New Hampshire* was critical for this process. Although some species on the threatened and endangered list, such as the Bald Eagle and Piping Plover, have active monitoring programs, many do not. For those species and all of the other birds in the state, *New Hampshire Bird Records* is the only comprehensive source of information on their distribution since the Atlas. Thanks to the many New Hampshire birders who send in their reports and to the volunteers that have computerized these reports since 1986, we have current information on species occurrences in the state. *New Hampshire Bird Records* provided the authors of the species accounts with print-outs of sightings for the nearly 40 species that had no active monitoring programs.

Those of us at *New Hampshire Bird Records* have always stressed that sightings are important, even if they do not appear in our quarterly publication. For all of you who have wondered if this was really true, this state threatened and endangered list revision project proved beyond a shadow of a doubt that the answer was YES! I wrote the species



Cliff Swallow
by William E. Davis

account for Cliff Swallow and was surprised at the decrease in the number of nesting colonies. While this could reflect a lack of reports, rather than a lack of birds, it points to a source of potential concern and a need to monitor the situation; hence its status as a Species of Conservation Concern (see below). Cliff Swallow is not considered a rarity in the state, and not all reports get published in *New Hampshire Bird Records*, so there is a temptation to consider such sightings unimportant. In this case, all of the sightings were important for my review and provided the only source of information on the current status of this species that I had.

New Hampshire knows more about its bird species than most other wildlife, thanks to the corps of volunteer observers who contribute their sightings. Keep up the good work!

Final Results from the Revision of the State Threatened and Endangered Bird List — October, 2000

Below is a table of those bird species that were on the endangered and threatened species list prior to the October revisions or were added to the list at that time. An asterisk (*) indicates a change in status.

Species	Former status	Current status (10/2000)
Common Loon	Threatened	Threatened
Pied-billed Grebe	Endangered	Endangered
Bald Eagle	Endangered	Endangered
Golden Eagle	Endangered	Endangered
Osprey	Threatened	Threatened
Cooper's Hawk	Threatened	Threatened
Northern Harrier	Threatened	Endangered*
Peregrine Falcon	Endangered	Endangered
Upland Sandpiper	Endangered	Endangered
Piping Plover	Endangered	Endangered
Roseate Tern	Threatened	Endangered*
Common Tern	Endangered	Endangered
Arctic Tern	Threatened	Threatened
Least Tern	Threatened	Endangered*
Three-toed Woodpecker	SCC	Threatened*
Purple Martin	Threatened	Endangered*
Loggerhead Shrike	Endangered	none*
Sedge Wren	Endangered	Endangered
Common Nighthawk	Threatened	Threatened
Grasshopper Sparrow	none	Threatened*
Henslow's Sparrow	Endangered	SCC*

SCC — Species of Conservation Concern (see below)

There are a variety of reasons for the change in status of these species. For example, the Loggerhead Shrike and Henslow's Sparrow were removed from the list because they are believed to be gone from the state; they no longer nest and have not

been reported in many years (except for an occasional single-day Loggerhead Shrike). The Golden Eagle, although no longer nesting in the state, remained on the list because there are regular sightings, nesting habitat still exists, and the species still nests in nearby areas adjacent to New Hampshire. The Purple Martin was upgraded to Endangered because their numbers have dropped dramatically to only a few colonies.

New Hampshire's endangered and threatened species law provides for the listing of species as either threatened or endangered in the state. In addition, the PIF Committee identified species for which there was still concern but addition to the official state list was not warranted at this time. These species were categorized as a "Species of Conservation Concern" (SCC) as defined by the Nongame and Endangered Wildlife Program. Those species are listed below:

Species of Conservation Concern (10/2000)

Least Bittern	Bicknell's Thrush
Red-shouldered Hawk	Golden-winged Warbler
Sora	Cerulean Warbler
Willet	Nelson's Sharp-tailed Sparrow
Black Guillemot	Saltmarsh Sharp-tailed Sparrow
Whip-poor-will	Seaside Sparrow
Cliff Swallow	Vesper Sparrow
American Pipit	Rusty Blackbird

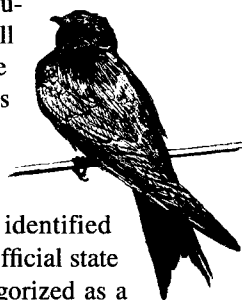
Additional species reviewed by the PIF Committee for which no status was proposed:

American Bittern	Black Tern
Black-crowned Night-Heron	Short-eared Owl
Sharp-shinned Hawk	Long-eared Owl
Merlin	Eastern Screech-Owl
Common Moorhen	Gray Jay
Spruce Grouse	Horned Lark
King Rail	Eastern Bluebird

All of those involved in the list revision process deserve a great deal of credit for their hard work. The PIF Committee is co-chaired by Carol Foss, Consulting Biologist for the Audubon Society of New Hampshire, and John Kanter, Nongame and Endangered Wildlife Program Coordinator. The listing sub-group was coordinated by Chris Martin with help from Carla Palaschuk. Species account authors were Diane DeLuca, Laura Deming, Carol Foss, Stephen Hale, Pamela Hunt, John Kanter, Chris Martin, Stephen Mirick, Carla Palaschuk, Becky Suomala, Mark Suomala, and Harry Vogel.

For more information on the state list of threatened and endangered species, please contact the Nongame and Endangered Wildlife Program at New Hampshire Fish and Game, 2 Hazen Drive, Concord, NH 03301; phone 603-271-2461.

Purple Martin
by Andrea Robbins



by Pam Hunt

At first glance, this bird does not look particularly easy to identify. It's some sort of small streaky songbird, the prospect of which immediately sends even relatively experienced birders into a glassy-eyed trance. And the photo is in black and white, while in the field most such birds are various shades of brown or green. What are we to do? One of the first things I tell beginning birders is that shape is critical. That's what allows us to tell ducks from herons, and even cardinals from tanagers. One of the most important aspects of a bird's shape is its bill, so let's start there.

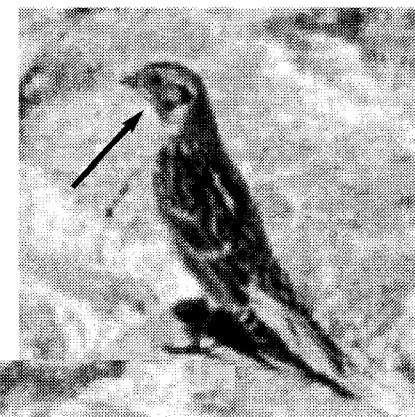
This bird's bill is obviously short and conical, typical of a sparrow or finch. The fact that it is on the ground and streaky reinforces this decision. Of course, even a quick glance at the sparrow section of a field guide can be a little daunting, with all the possible plumages of all the possible species. But don't give up just yet, for we have yet to look closely at the rest of the bird.

What stands out most about this photo? I'd say it's the face pattern. There is a very distinct dark triangle, and the cheek and rest of the head are roughly the same color. If you look closely, you will see another dark line, often called the malar streak, along the edge of the throat (indicated by the arrow on the photograph). This feature shows up best on photo #1. Now look through the sparrow and finch section of your field guide looking for this face pattern, and you will find your options much reduced. Lots of candidate species have a distinct cheek patch, including Purple Finch, Lark Sparrow, and the sharp-tailed sparrows, but most of these do not have the distinct dark border around the cheek patch.

This leaves us with a group of streaked species with a dark-outlined cheek patch, and it seems fair to list them at this point: Lapland Longspur, Smith's Longspur, Swamp Sparrow, Clay-colored Sparrow, Lincoln's Sparrow, Baird's Sparrow, and some versions of Song and Savannah Sparrows. We could fine-tune the nature of this cheek patch, but there are more obvious clues elsewhere on the bird.

Until now, there hasn't seemed to be much of a reason to have the second photo, showing the bird at a slight angle. In this view, it appears to have a dark smudge of

Answer to Photo Quiz



Continued on page 35

The Trails at Pickering Ponds, Rochester, New Hampshire

by Stephen R. Mirick

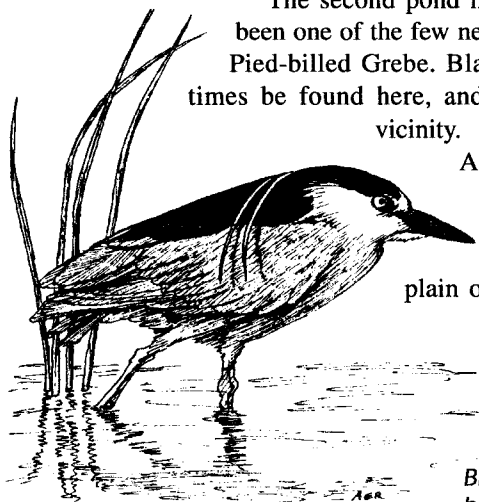
Sewage ponds and landfills are usually productive places to bird; however, access and aesthetics frequently prevent enjoyment and appreciation of these areas by birders. A public trail system has recently opened in Rochester, New Hampshire, known as The Trails at Pickering Ponds. These trails are conveniently located between the Turnkey Landfill and the Rochester Wastewater Treatment Plant, where they benefit from the abundance of the visiting gulls and the beauty of the Cocheco River.

There are over two miles of trails which have only recently been opened for public use in the fall of 2000. For this reason, few birders have visited the area, and it is difficult to tell what might be found. It is clear, however, that this area is the best location in the state for finding the larger gulls. Thousands of Herring and Great Black-backed gulls visit the ponds and are joined by Iceland and Glaucous gulls from late fall into the early spring. Lesser Black-backed Gull is now annual and Black-headed Gull has been reported here three times in the last nine years.

Two trails start from a gravel parking lot located off Pickering Road. The trail that starts from the north end of the parking lot is the more interesting and productive for birders. It passes through a fence and follows the dikes between and around two old settling ponds. These impoundments are known as the Pickering Ponds, and are popular for bathing and resting gulls. Thousands of gulls can often be seen flying in and out of the ponds when the nearby landfill is operational. The first pond is preferred by the gulls, particularly when there is open water; however, they will also roost on the ice-covered pond in midwinter. Waterfowl can also be found here, and Ruddy Ducks, coot, and teal should be expected during the fall; Wood Ducks and Hooded Mergansers are likely to be found here during summer months as well.

The second pond has more emergent vegetation and has been one of the few nesting sites in the state for the declining Pied-billed Grebe. Black-crowned Night-Herons can sometimes be found here, and American Bitterns may nest in the vicinity.

A side trail known as the Cocheco River Loop leaves the main trail, following the banks of the scenic Cocheco River, and passing through the floodplain of the river. Wet areas with alder, wil-



Black-crowned Night-Heron
by Andrea Robbins

lows, and cattail marshes provide an interesting variety of habitats, which look excellent for migrant and nesting birds.

If you are visiting from Monday through Friday, you should check out the wastewater treatment plant located 1.0 miles farther north and west along Pickering Road. If gulls are not at the Pickering Ponds, they may be here, and there is better potential for shorebirds, particularly in the fall if any ponds have been drawn down. Reports from the plant in the last three years include eight species of gulls, Long-billed Dowitcher, Stilt Sandpipers, Cattle Egret, and the first New Hampshire record for Eared Grebe. The management has usually allowed birding in the plant during business hours; however, you must stop in the main office to check with them before you walk around the impoundments.

To reach the trails from the south, take exit 9 off the Spaulding Turnpike in Dover, New Hampshire, and turn left at the end of the exit ramp, heading south back over the turnpike. In about 1/2 mile, the road ends at a traffic light opposite Liberty Mutual. Turn right onto 6th Street and follow 6th Street north as it enters the village of Gonic (part of the city of Rochester) where the road name changes to Pickering Road. At 4.2 miles (opposite #374 Pickering Road), a paved access road on the left leads a short distance to the gravel parking lot and the trail heads. There is no entrance sign along Pickering Road at this time.

Reprinted from the February 2001 (Vol. 29, No. 1) issue of *Bird Observer* (<http://massbird.org/birdobserver>).

Steve Mirick is the Fall Editor for *New Hampshire Bird Records* and a trustee of the Audubon Society of New Hampshire.

Photo Quiz — continued from page 33

some sort on its breast, and that feature should help us clinch the identification. Most of the species in the list above have either distinctly streaked underparts or no markings at all on the breast. In fact, only one has this smudgy pattern, and that is the Lapland Longspur. Both adult females and winter males show this combination of a dark smudge on the breast and a distinct cheek outline, features not shared by any other species in our original list. If you look even more closely, you can even see a hint of the white in the outer tail feathers of this bird.

This winter male Lapland Longspur was photographed by Dan Hayward on Star Island on September 18, 2000. Both Dan and Becky Suomala studied the bird, which was present for one afternoon, foraging on the outer rocks on the southwest corner of the island. The sighting is noteworthy because longspurs usually don't arrive in New Hampshire until early October. Lapland Longspurs nest on the arctic tundra and occur in New Hampshire as uncommon fall migrants in mixed flocks with Snow Buntings or Horned Larks. They are occasionally found during the winter along the coast. Look for this and other Lapland Longspur sightings in the Fall 2000 issue of *New Hampshire Bird Records*.

Pam Hunt is the Spring Editor of *New Hampshire Bird Records* and the Biodiversity Project Coordinator for the Audubon Society of New Hampshire.

White & Seavey Island Report

by Daniel Hayward

The biologists for the Tern Restoration Project at the Isles of Shoals keep a daily bird list that provides a wealth of data on many species in addition to terns. The sheer volume of sightings makes it impossible to include all the noteworthy ones in this publication. Some are included in the regular listings, but for others we have attempted to give an overview in the article below. — ed.

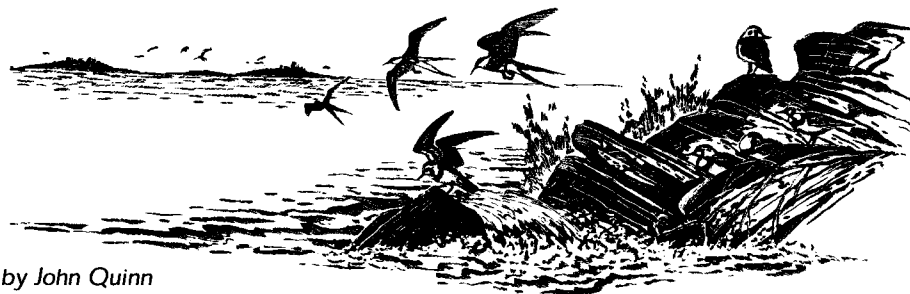
This summer brought many species of birds to White and Seavey Islands, part of the Isles of Shoals. With the Common Tern colony increasing and the gulls being discouraged from these two islands, other birds are utilizing the recently reopened space. In the three seasons I have spent as a tern biologist on the islands, the numbers of terns, land birds, and shorebirds have noticeably risen.

Terns

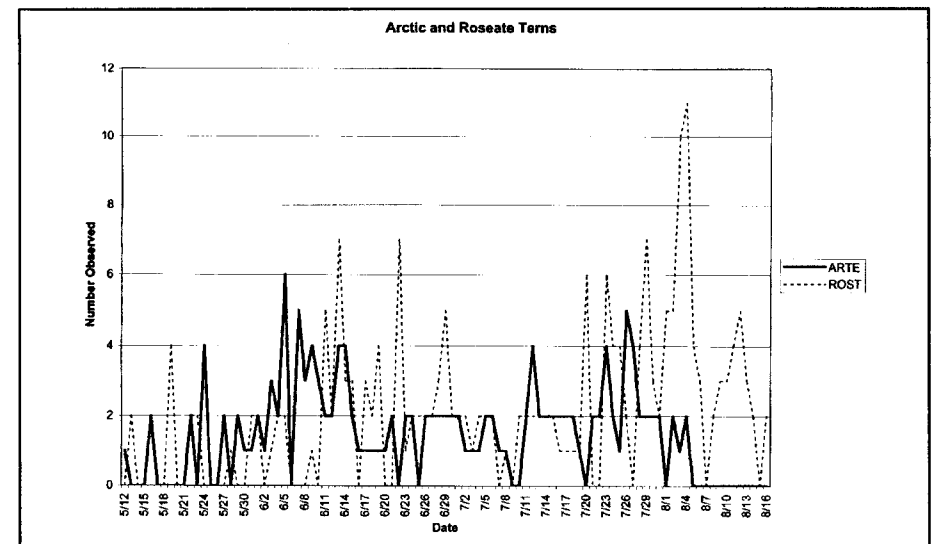
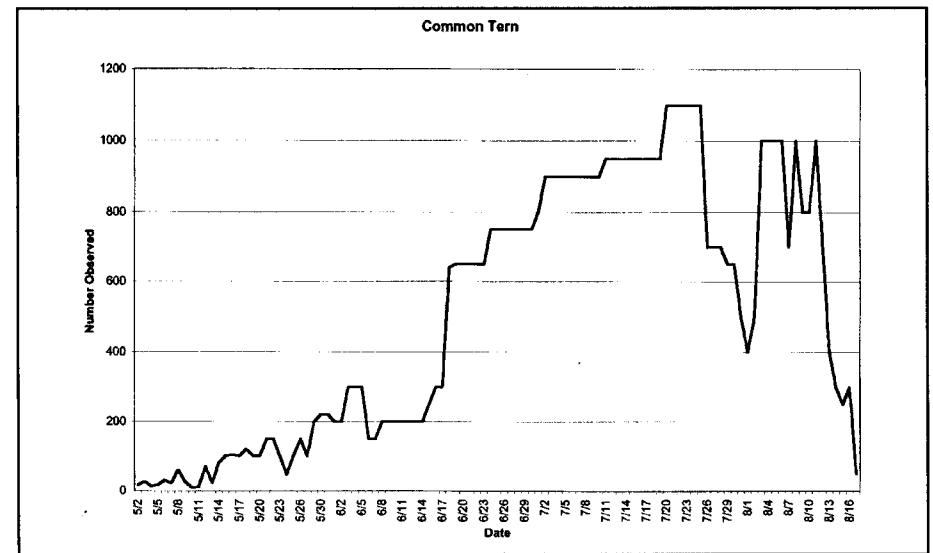
Common Tern numbers continue to increase, with 446 nesting pairs fledging approximately 700 chicks in the summer of 2000. With the increase in the Common Tern population, other species of tern are spending more time in and around the colony. Arctic and Roseate Terns were seen regularly from the second week of May through the middle of August. The Roseate Terns were observed in courtship behavior and copulation, but no nests were discovered. The Arctic Terns were not observed in as much activity, but surprisingly, one adult was seen randomly feeding a Common Tern chick! With the overall numbers increasing, we are hopeful that these two species will find niches within the Common Tern colony. (See figures 1 and 2 on next page.)

Shorebirds

Of the three field seasons I have been on the islands, this one brought us the most shorebirds. There were times when we were seeing quite a few on the islands when none was being seen on the coast. Many of the species were just passing through, but one has established a breeding population. As many as 14 Spotted Sandpiper nests were located on White and Seavey Islands, and as many as 40 individuals were



by John Quinn



observed on a daily basis. Of the other shorebirds species, the Ruddy Turnstone was most frequently seen, with almost daily sightings of at least one individual. The most uncommon shorebird reports, such as Piping Plover, Red Knot, and Purple Sandpiper are in the regular listings in this issue. The following table highlights some of the other shorebird sightings throughout the summer. Those reports from early June are birds heading north, while those in July are birds already on their way back south.

White & Seavey Island Report — continued on page 38

species	number	date	species	number	date
Semipalmated Plover	1	7/13	Whimbrel (cont.)	11	7/28
	1	7/16		7	7/29
	1	7/24		2	7/31
	3	7/28			
Black-bellied Plover	1	6/4	Sanderling	1	7/13
	1	6/30		2	7/23
	2	7/28		43	7/28
		1		7/29	
Greater Yellowlegs	1	6/26	Short-billed Dowitcher	1	6/5
	4	7/5		1	6/13
	1	7/12		2	6/26
	27	7/21		24	7/6
	3	7/24		21	7/11
Lesser Yellowlegs	3	7/29	189	7/12	
	1	6/30	17	7/13	
	12	7/21	21	7/20	
	3	7/22	7	7/22	
	1	7/28	19	7/23	
Whimbrel	6	7/11	73	7/24	
	16	7/18	12	7/29	
	18	7/19	3	7/30	
	10	7/21			
	16	7/25			

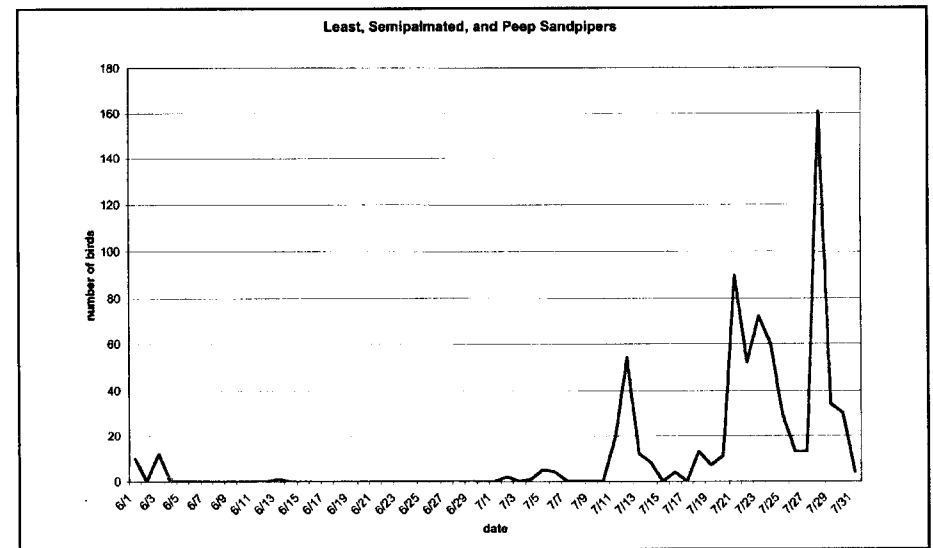
The graph on the next page shows the number of Least Sandpipers, Semipalmated Sandpipers, and the general category of "Peeps" (the ever-so-quiet flock of little brown shorebirds) seen through June and July.

Land birds

Many land birds were observed on the islands over the summer months. These sightings would not be unusual on the mainland but are noteworthy on the islands where most of these species do not nest, indicating that they are mostly migrants. The Common Yellowthroat and the Carolina Wren have been known to nest on neighboring islands, but not on White and Seavey. Some of the more unusual sightings are highlighted in the following list:

1 Yellow-bellied Flycatcher	06-10	1 Carolina Wren	07-25
1 Least Flycatcher	06-10	2 Magnolia Warbler	06-03
1 Least Flycatcher	07-30	1 Magnolia Warbler	07-30
1 Great Crested Flycatcher	06-16	7 Common Yellowthroat	06-01
1 Red-eyed Vireo	06-11	1 Canada Warbler	06-14
3 Blue Jay	06-02	1 Sharp-tailed Sparrow sp.	06-18

One morning I woke to the "squawk" of a Blue Jay. Seven Blue Jays had come to seek refuge on our little rock. Unfortunately, the lack of trees for cover would leave one mortally vulnerable. A short while later, the jays went screeching overhead with a Merlin hot on their tails. The Merlin singled out one of the jays and went after it



repeatedly. As they approached nearby Lunging Island, the Merlin made one last attempt for the jay, driving it down into the ocean and out of reach. At this point the Merlin gave up and continued towards Lunging. The Blue Jay, however, was far from safe. Not designed for water take-offs, it had a hard time getting out of the water and back into the air. After a minute of what looked like sheer panic, the Blue Jay was back on the wing. After a few shakes and a flutter, all seemed well. The jay started towards Lunging Island, but quickly changed directions as a Greater Black-backed Gull picked up where the Merlin left off. The race was on to get to Star Island and some cover. The gull was quickly joined by three of its kin and within 100 feet of Star the jay was overpowered. Although the Blue Jay did not make it, it was incredible to witness first-hand the balance of nature.

Dan Hayward has been a Field Biologist for the Audubon Common Tern Restoration Project at the Isles of Shoals for the past three years and lives in Springfield, New Hampshire.

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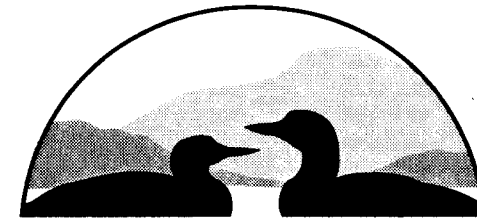
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New Hampshire Bird Records

Volume 19, Number 2

Summer 2000

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Abbreviations Used

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

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