

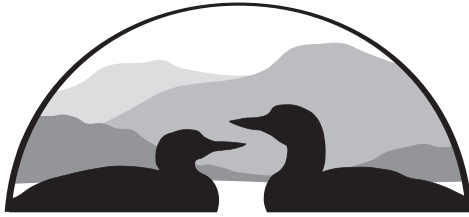
# New Hampshire Bird Records



**Fall 2006**

**Vol. 25, No. 3**

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## **New Hampshire Bird Records**

### **Volume 25, Number 3**

### **Fall 2006**

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#### **Cover Photo:**

*Western Reef-Heron by Lillian Stokes, 8/21/06, by Goat Island, New Castle, NH. For more on the Western Reef-Heron in New Hampshire see the article by Steve Mirick in this issue.*

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Richard Moore

Carol birding in Peru.

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## From the Editor

### **25 Years of New Hampshire Bird Records**

by Rebecca Suomala, Managing Editor

New Hampshire has a history of published bird reports in a variety of forms as you will read about in an upcoming article. *New Hampshire Bird Records* began as a stand-alone publication with the sightings of the Spring 1982 season when New Hampshire Audubon decided to publish the bird records separately from the newsletter. Its format was quite different from that of today, being a narrative instead of summaries followed by lists of sightings.

The first Editor was Bob Quinn (a New Hampshire Audubon staff member at that time), followed by Diane De Luca, and then myself. The first Season Editors were Bob Quinn (summer), George and Andrea Robbins (winter), Susan Gonzalez (spring), and Kimball Elkins (fall). Technology was very different then—there were no computers, and the reports were typed on a manual typewriter. For some seasons Bob Quinn did all the editing and typing himself. Photos were non-existent, and it was many years before feature articles began to be included.

All correspondence and report slips went directly to the Season Editors, who collected and filed them. Sightings were not computerized until Diane De Luca took over for the Fall 1987 issue. With help from Tom McMillan, the publication entered the computer age of publishing and took on a new look. From then on all sightings went to New Hampshire Audubon first for data entry before the Season Editor took over the interpretation. There were far fewer sightings in the 1980s and we often published all reports. The low point probably came in the summer of 1986 (one of the “Missing Seasons” that was not published until recently) when 423 reports were received. Now we receive over 1,200 sightings in a typical summer, and about 7,000 during the course of the year—far too many to publish them all. But the computerized database now allows every sighting to become part of the state’s historical record.

It takes many people to create the quality publication that is *New Hampshire Bird Records*. The experienced Season Editors of today carry on the long line of dedicated editors stretching back well before *New Hampshire Bird Records* became an independent publication. As the publication has grown, so has the need and involvement of volunteers, working on everything from copying and filing to writing and data entry. They are a vital part of the process, as is the support of New Hampshire Audubon and the publication’s many donors and subscribers. A very special thank you goes to everyone who contributes, whether it is sightings, financial support, volunteer time, or expertise.

Bob Quinn, in his introduction to “The Missing Seasons” (Spring 1986–Summer 1987, published in December of 2006), discussed some of the changes in the birds and bird records from the 1980s to today.

“As far as *New Hampshire Bird Records* is concerned we have much more information now than we did in the 1980s. The most important reason is that we have a lot more birders who know a lot more about the bird life in New Hampshire and who also realize how impor-

tant it is to submit their records. The changing technology has revolutionized how we find out about birds, how we see them, and how we record them. The Internet, list serves, and cell phones have transformed how we hear about them. The improvement in optics, especially scopes, has dramatically improved how well we see them. Digital photography has made a huge difference in documentation, proper identification, the ability to share, plus the pure enjoyment of birding. Additionally, submission of records and documentation can now be handled electronically.

“It is clear we have come a long way with much more data and a higher quality and more sophisticated publication itself. It is all because of your enthusiasm and contributions—keep up the good work!”

## New Photo Quiz



### Can You Identify This Bird?

Answer on page 66

Photos by Bruce Goodwin (top) and Bob Bennett (bottom).

## Fall Season

### August 1 through November 30, 2006

by *Stephen R. Mirick*

**A**ugust was slightly colder and wetter than normal, while September had average temperatures and was the first month since April with below average precipitation. The remains of Hurricane Ernesto passed offshore on September 2 and 3; however the storm had weakened significantly and the moderate easterly winds produced a few pelagic birds, but nothing significant. A small cold front on September 10 brought some northerly winds and a nice Broad-winged Hawk flight through south central New Hampshire on September 11. October was slightly warmer and nearly twice as wet as normal. Two coastal storms produced good “storm birding” in October. A moderate storm on October 1 brought good numbers of waterfowl as well as Caspian Terns and Laughing Gulls, and a stronger coastal storm at the end of the month brought a tremendous migration of scoters and other seabirds. November was an extremely warm month—in fact, it was the warmest November on record in Concord. It was also relatively wet with half of the month’s rainfall coming during a storm on November 8 and 9. The warm weather, no doubt assisted in the survival of some lingering birds, including two Cape May Warblers, into late November.



*Steve Mirick*

Without question, the most noteworthy sighting of the fall was the first state record (and second United States record) of Western Reef-Heron, which entertained birders from across the country for several weeks in Portsmouth and New Castle (see the article in this issue). Almost as exciting was a spectacular adult Fork-tailed Flycatcher; this bird was the first state record for this species and held the attention of birders for three days in Rye. Other noteworthy reports for the fall included two Northern Wheatears, the state’s second record for Eared Grebe, an American White Pelican, and a Royal Tern. Possible record high daily totals were recorded for Black Scoter, Ruddy Turnstone, White-rumped Sandpiper and Laughing Gull.



*Fork-tailed Flycatcher by Bruce Goodwin, 11/20/06, Odiome State Park, NH.*

## Waterfowl

Canada Geese and Snow Geese were reported in average or below average numbers for the fall. Dabbling ducks were noted migrating south during a storm on October 1 including 14 Northern Pintails and 29 Green-winged Teal. Of more significance, however, was the coastal scoter migration noted on October 28. A strong storm pushed scoters along the coast with over 8,000 counted in seven hours of observation. Of these, a remarkable 4,820 were identified as Black Scoters with an additional 2,220 dark winged scoters, of which many were likely Blacks. This far exceeds any daily total reported for Black Scoters from New Hampshire in recent decades. A large number of Hooded Mergansers were noted from Concord during November as they flew in to an evening roost. For the second year in a row, an out of season Bufflehead was seen in Rochester during August.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Snow Goose</b>				
10-27	28	Jefferson	Cherry Pond	D. Mallon
11-11	1	Stratham	Sandy Point on Great Bay	S. & J. Mirick, D. Abbott
11-19	1	Rye	Odiorne Point St. Pk.	P. Brown, D. Finch
<b>Canada Goose</b>				
08-05	121	Fremont	Martin Rd.	T. Bronson
08-09	150	Rochester	Ten Rod Rd. farm fields	T. Bronson, D. Hubbard, M. Pachomski
09-23	400	Keene	Krif Rd.	L. Tanino
10-04	185	Lyman	Dodge Pond	S. & M. Turner
10-04	163	Exeter	Powder House Pond	T. Bronson
10-10	125	Laconia	Elm St., Laconia CC	H. Anderson
10-30	183	Surry	Surry Mountain Lake	L. Tanino
10-31	1150	Newmarket	Great Bay, Bay View Dr.	S. Mirick
11-07	150	Concord	South End Marsh	R. Quinn
11-11	1000		Great Bay	T. Bronson, NHA Capital Chapter FT
11-26	115	Rochester	wastewater treatment plant	D. Hubbard
<b>Brant</b>				
10-21	5	Seabrook		E. Masterson, J. Hills
10-22	5	Greenland	Sunset Farm	S. & J. Mirick
10-28	18	Rye	Ragged Neck	S. & J. Mirick
<b>Wood Duck</b>				
08-13	20	Sandwich	Red Hill Pond	T. Vazzano, R. Van de Poll
08-16	47	Rochester	Pickering Ponds	D. Hubbard
08-16	14	Brentwood	Brentwood Mitigation Area	T. Bronson, L. Deming
08-30	18	S. Hampton	Brookside WS	T. Bronson
09-01	30	Fremont	Shirkin Rd. swamp	T. Bronson
09-16	30	Concord	Horseshoe Pond	M. & R. Suomala
09-29	57	Rochester	Pickering Ponds	D. Hubbard
10-03	15	Kensington	residence	G. Gavutis, Jr.
10-24	10	Lyman	Dodge Pond	S. & M. Turner
11-22	10	Stratham	Jewell Hill Brook marshes	G. Gavutis, Jr.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Gadwall</b>				
10-28	3	Rye	Ragged Neck	S.& J. Mirick
10-31	2	Durham	Great Bay, Bay View Dr.	S. Mirick
11-12	8	Greenland	Sunset Farm	S.& J. Mirick
11-22	8	Newington	Great Bay	E. Masterson
<b>Eurasian Wigeon</b>				
11-12	1	Greenland	Sunset Farm	S.& J. Mirick
11-22	1	Newington	Great Bay	E. Masterson
<b>American Wigeon</b>				
09-30	1	Concord	Contoocook Island	P. Hunt
10-18	3	Kingston	Powwow Pond	S. Mirick
10-27	2	Exeter	wastewater treatment plant	T. Bronson
10-28	4	Rye	Ragged Neck	S.& J. Mirick
10-30	1	Concord	Turtle Pond	P. Brown
11-09	1	Swanzy	Wilson Pond	L. Tanino
11-12	180	Greenland	Sunset Farm	S.& J. Mirick
11-22	100	Newington	Great Bay	E. Masterson
<b>American Black Duck</b>				
08-25	12	Exeter	wastewater treatment plant	T. Bronson
09-29	8	Hampton Falls	Dodge Pond	T. Bronson
10-13	25	Rochester	wastewater treatment plant	D. Hubbard
10-24	275	Newmarket	Great Bay, Bay View Dr.	S. Mirick
10-27	15	Jefferson	Cherry Pond	R. Quinn
11-05	11	Chesterfield	Spofford Lake	E. Masterson
11-27	50	Rochester	wastewater treatment plant	D. Hubbard
<b>Mallard</b>				
08-16	300	Rochester	wastewater treatment plant	D. Hubbard
08-25	550	Exeter	wastewater treatment plant	T. Bronson
11-17	300	Concord	Long Pond	P. Hunt, R. Suomala
<b>Blue-winged Teal</b>				
08-16	3	Rochester	wastewater treatment plant	D. Hubbard
08-30	1	Rochester	Pickering Ponds	D. Hubbard
09-02	20	Hampton	Meadow Pond	S.& J. Mirick
09-17	6	Exeter	wastewater treatment plant	A.& G. Prazar
09-17	2	Boscawen	Eel St.	P. Hunt
09-20	4	Rochester	wastewater treatment plant	D. Hubbard
09-21	18	Surry	Surry Mtn. Lake	L. Tanino
<b>Northern Shoveler</b>				
11-19	1	Exeter	wastewater treatment plant	M.& R. Suomala
<b>Northern Pintail</b>				
09-17	1	Exeter	wastewater treatment plant	A.& G. Prazar
10-01	14	N. Hampton	Little Boars Head	S.& J. Mirick
10-21	1	Exeter	wastewater treatment plant	E. Masterson, J. Hills
10-24	1	Laconia	end of Water St., Lake Winnisquam	H. Anderson
10-25	1	Charlestown	Great Meadows	E. Masterson
10-28	7	Rye	Ragged Neck	S.& J. Mirick
11-22	2	Rochester	wastewater treatment plant	E. Masterson



<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Green-winged Teal</b>				
08-08	1	Concord	Horseshoe Pond	R. Quinn
08-13	4	Canterbury	Peverly Meadow	R. Quinn
08-16	1	Rochester	wastewater treatment plant	D. Hubbard
09-02	85	Hampton	Meadow Pond	S.& J. Mirick
09-04	25	Rochester	wastewater treatment plant	S.& J. Mirick
10-01	29	N. Hampton	Little Boars Head	S.& J. Mirick
10-06	65	N. Hampton	Little River WS	P. Brown
10-13	50	Rochester	wastewater treatment plant	D. Hubbard
10-15	15	N. Hampton	Little River saltmarsh	S.& J. Mirick
10-21	20	Exeter	wastewater treatment plant	E. Masterson, J. Hills
10-23	93	Rochester	wastewater treatment plant	E. Masterson
10-25	53	Charlestown	Great Meadows	E. Masterson
11-22	8	Rochester	wastewater treatment plant	E. Masterson
11-22	12	Stratham	Jewell Hill Brook marshes	G. Gavutis, Jr.
<b>Redhead</b>				
11-05	1	Chesterfield	Spofford Lake	E. Masterson
<b>Ring-necked Duck</b>				
09-20	1	Rochester	wastewater treatment plant	D. Hubbard
09-27	2	Brentwood	Brentwood Mitigation Area	T. Bronson
10-18	160	Kingston	Powwow Pond	S. Mirick
10-26	68	Moultonborough	Unsworth Preserve	T. Vazzano
10-29	36	Derry	Beaver Lake	A.& B. Delorey
11-10	120	Concord	Long Pond	P. Hunt, R. Quinn
11-14	46	Kingston	Powwow Pond	T. Bronson
11-17	44	Surry	Surry Lake	L. Tanino
<b>Greater Scaup</b>				
09-30	12	Greenland	Sunset Farm	S.& J. Mirick
10-21	3	Exeter	wastewater treatment plant	E. Masterson
10-28	124	Rye	Ragged Neck	S.& J. Mirick
11-04	5	Concord	Turkey Pond	R. Quinn
11-22	250	Newington	Great Bay	E. Masterson
<b>Lesser Scaup</b>				
10-07	1	Rye	Eel Pond	S. Mirick, NHA FT
10-22	4	Exeter	wastewater treatment plant	S.& J. Mirick
10-28	5	Rye	Ragged Neck	S.& J. Mirick
11-05	2	Chesterfield	Spofford Lake	E. Masterson
11-06	2	Rochester	wastewater treatment plant	T. Bronson, D. Hubbard, M. Pachomski
11-09	6	Rye	Eel Pond	T. Bronson, P. Chamberlain, J. Woolf
11-21	1	Exeter	wastewater treatment plant	T. Bronson
<b>Common Eider</b>				
08-04	122	Rye	White & Seavey Is., Isles of Shoals	D.& M. Hayward, S. Burbidge
10-02	37	New Castle	Ft. Stark	T. Bronson, D. Hubbard
10-07	300	Rye	2-3 miles offshore	G. Gavutis, Jr.
11-17	24		NH coast	T. Bronson

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Surf Scoter</b>				
10-01	278	N. Hampton	Little Boars Head	S. & J. Mirick
10-07	20	Rye	2-3 miles offshore	G. Gavutis, Jr.
10-18	18	Monroe	Comerford Reservoir	S. Turner
10-26	10	Littleton	Moore Reservoir	S. & M. Turner
10-27	1	Ellsworth	Ellsworth Pond	R. Quinn, T. Richards
10-27	1	Jefferson	Cherry Pond	R. Quinn
10-27	4	Rumney	Stinson Lake	R. Quinn, T. Richards
10-28	787	Rye	Ragged Neck	S. & J. Mirick
11-15	2	Jefferson	Cherry Pond	D. Govatski
<b>White-winged Scoter</b>				
09-02	5		NH coast	S. & J. Mirick
10-01	284	N. Hampton	Little Boars Head	S. & J. Mirick
10-28	119	Rye	Ragged Neck	S. & J. Mirick
11-05	1	Chesterfield	Spofford Lake	E. Masterson
11-11	2	Swanzy	Wilsons Pond by airport	K. Gordon
11-17	28		NH coast	T. Bronson
<b>Black Scoter</b>				
10-07	200	Rye	2-3 miles offshore	G. Gavutis, Jr.
10-25	35	Littleton	Moore Reservoir	S. Turner
10-27	68	Jefferson	Cherry Pond	R. Quinn, T. Richards
10-27	12	Rumney	Stinson Lake	R. Quinn, T. Richards
10-27	45	Franconia	Echo Lake	R. Quinn, T. Richards
10-28	4820	Rye	Ragged Neck	S. & J. Mirick
11-05	1	Hinsdale	Lake Wantastiquet	E. Masterson
11-05	93	Chesterfield	Spofford Lake	E. Masterson
11-15	22	Jefferson	Cherry Pond	D. Govatski
11-17	2	N. Hampton	N. Hampton State Beach	T. Bronson
11-21	18	Jefferson	Cherry Pond	D. Govatski
11-28	6	Hampton	Bicentennial Park	T. Bronson
<b>Scoter sp.</b>				
10-28	2220	Rye	Ragged Neck	S. & J. Mirick
<b>Long-tailed Duck</b>				
10-27	2	Rye	Rye Ledge	S. Mirick
10-28	60	Rye	Ragged Neck	S. & J. Mirick
11-05	1	Chesterfield	Spofford Lake	E. Masterson
11-09	1	Surry	Surry Lake	L. Tanino
11-17	25		NH coast	T. Bronson
11-28	14	Hampton	Bicentennial Park & s. of Great Boars Head	T. Bronson
<b>Bufflehead</b>				
08-14	1	Rochester	wastewater treatment plant	T. Bronson, P. & S. Yorke
09-15	1	Rochester	wastewater treatment plant	S. Mirick
10-26	3	Lyman	Round Pond	S. & M. Turner
10-27	2	Hampton	Bicentennial Park	T. Bronson
10-30	7	Surry	Surry Mountain Lake	L. Tanino
10-30	2	Concord	Turtle Pond	R. Quinn
10-30	6	Campton	Campton Pond, WMNF	J. Williams
10-31	4	Durham	Great Bay, Bay View Dr.	S. Mirick
11-01	40	Windham	Canobie Lake	K. Folsom

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
11-03	9	Laconia	Elm St., Laconia CC	H. Cook Anderson
11-22	6	Brentwood	Brentwood Mitigation Area	T. Bronson
11-22	20	Newington	Great Bay	E. Masterson
11-24	15	Portsmouth	Portsmouth Harbor & Back Channel	T. Bronson

**Common Goldeneye**

10-28	1	Rye	Ragged Neck	S.& J. Mirick
11-04	1	Concord	Merrimack R.	R. Quinn, M. Suomala
11-05	10	Chesterfield	Spofford Lake	E. Masterson
11-09	7	Surry	Surry Lake	L. Tanino
11-10	7	Rochester	Pickering Ponds	E. Masterson
11-17	6	Rye	Eel Pond & coast	T. Bronson
11-17	6	Concord	Long Pond	P. Hunt, R. Suomala
11-22	50	Newington	Great Bay	E. Masterson
11-23	8	Northwood	Northwood Lake	R.& M. Suomala

**Hooded Merganser**

10-26	17	Laconia	Elm St., Laconia CC	H. Anderson
10-31	19	Concord	Penacook Lake (Long Pond)	R. Quinn
11-05	36	Chesterfield	Spofford Lake	E. Masterson
11-10	90	Concord	Long Pond	P. Hunt, R. Quinn
11-10	35	Hollis	N. Pepperell Rd.	R. Andrews, D. Deifik
11-14	15	Concord	Steeplegate Pond	R. Quinn
11-14	26	Laconia	Lake Winnisquam, end of Water St.	H. Cook Anderson
11-17	120	Concord	Long Pond	P. Hunt, R. Suomala
11-22	10	Brentwood	Brentwood Mitigation Area	T. Bronson

**Common Merganser**

08-26	10	Hinsdale	Connecticut R.	E. Masterson
10-25	11	Hinsdale	Connecticut R.	E. Masterson
10-29	16	Laconia	Lake Winnisquam, Martel's Sport Shop	H. Anderson
11-06	57	Dublin	Howe Reservoir	E. Masterson
11-14	142	Laconia	Lake Winnisquam, Martel's Sport Shop	H. Cook Anderson

**Red-breasted Merganser**

08-27	2	N. Hampton	N. Hampton State Beach	T. Bronson
10-27	12	Hampton	North Beach	T. Bronson
10-28	207	Rye	Ragged Neck	S.& J. Mirick
11-05	3	Chesterfield	Spofford Lake	E. Masterson
11-28	34	Seabrook	Yankee Fisherman's Coop.	T. Bronson

**Ruddy Duck**

10-04	9	Exeter	Powder House Pond	T. Bronson
10-04	5	Rochester	wastewater treatment plant	S. Mirick
10-06	2	Kensington	3 Corners Gravel Pit Pond	G. Gavutis Jr.
10-09	6	Rochester	Pickering Ponds	D. Hubbard
10-21	15	Kingston	Powwow Pond	S.& J. Mirick
10-21	25	Derry	Beaver Lake	A.& B. Delorey
10-22	12	Exeter	wastewater treatment plant	S.& J. Mirick
10-24	71	Newmarket	Great Bay, Bay View Dr.	S. Mirick
10-30	1	Surry	Surry Mountain Lake	L. Tanino
10-31	120	Durham	Great Bay, Bay View Dr.	S. Mirick
11-04	41	Derry	Beaver Lake	A.& B. Delorey
11-10	6	Rochester	wastewater treatment plant	E. Masterson

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Ruddy Duck—continued</b>				
11-10	1	Concord	Long Pond	P. Hunt, R. Quinn
11-10	2	Hollis	N. Pepperell Rd.	R. Andrews, D. Deifik
11-22	3	Rye	Eel Pond	E. Masterson
11-25	1	Auburn	Lake Massabesic near Claires Landing	C. Martin, J. Hills, S. Hartman, et al.

## Grouse through Pelicans

The Brentwood Mitigation Area continues to be New Hampshire's most prolific breeding area for Pied-billed Grebes. The remarkable total of 27 was reported on August 16, and the 25 reported on August 22 included a high total of 17 juveniles! Dan Hubbard discovered an Eared Grebe along the coast in Rye on November 30. Representing the second state record, this bird continued well into the winter season. A rare over-summering group of four Red-necked Grebes was reported several times during the summer season from Rye. The group continued into August when, surprisingly, two more birds joined the group.



*Dead Northern Gannet by John Cooley, 11/1/06, Lake Winnepesaukee, NH.*

Over 1,000 Northern Gannets were noted migrating south during the same storm system that carried the scoter flight on October 28. A juvenile gannet found dead in Alton on November 1 was, no doubt, a victim of the same storm. This pelagic species is not well suited for surviving inland and was probably forced there by easterly winds. An American White Pelican was well seen from Sagamore Creek in Portsmouth on October 21 and represents one of only a few records for the state.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Spruce Grouse</b>				
08-27	2	Pittsburg	Deer Mtn. Campground	D. Govatski
11-26	3	Lincoln	Shoal Pond	D. & K. Govatski
<b>Red-throated Loon</b>				
10-28	20	Rye	Ragged Neck	S. & J. Mirick
11-15	1	Jefferson	Cherry Pond	D. Govatski
11-25	1	Auburn	Lake Massabesic near Claires Landing	C. Martin, J. Hills, S. Hartman, et al.
<b>Common Loon</b>				
08-02	8	Hampton	Bicentennial Park	S. Mirick
09-02	16		NH coast	S. & J. Mirick
10-01	28	N. Hampton	Little Boars Head	S. & J. Mirick
10-23	1	Concord	Turtle Pond	R. Quinn

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
10-28	27	Rye	Ragged Neck	S. & J. Mirick
11-09	13		NH coast	T. Bronson, P. Chamberlain
11-23	10	Rye	Rye Harbor St. Pk.	R. & M. Suomala
11-30	1	Nashua	Nashua R. above Mine Falls Dam	R. Andrews
<b>Pied-billed Grebe</b>				
08-11	2	Rochester	Pickering Ponds	D. Hubbard
08-16	27	Brentwood	Brentwood Mitigation Area	T. Bronson, L. Deming
08-25	1	Exeter	Squamscott River downtown	T. Bronson
10-09	3	Rochester	Pickering Ponds	D. Hubbard
10-18	5	Kingston	Powwow Pond	S. Mirick
10-24	4	Brentwood	Brentwood Mitigation Area	T. Bronson
10-25	4	Hinsdale	Lake Wantastiquet	E. Masterson
10-27	3	Jefferson	Cherry Pond	R. Quinn
10-31	3	Durham	Great Bay, Bay View Dr.	S. Mirick
11-05	2	Hinsdale	Lake Wantastiquet	E. Masterson
11-05	4	Chesterfield	Spofford Lake	E. Masterson
11-30	3	Rochester	Pickering Ponds	T. Vazzano, B. Crowley
<b>Horned Grebe</b>				
10-23	1	Rumney	Loon Lake	J. Williams
10-24	2	Newmarket	Great Bay, Bay View Dr.	S. Mirick
10-27	6	Hampton	s. of Great Boars Head & North Beach	T. Bronson
10-31	10	Durham	Great Bay, Bay View Dr.	S. Mirick
11-05	1	Chesterfield	Spofford Lake	E. Masterson
11-23	1	Bristol	Newfound Lake, West Shore Rd.	J. & J. Williams
<b>Red-necked Grebe</b>				
08-05	4	Rye	Odiorne Point St. Pk.	S. & J. Mirick
08-27	6	Rye	Odiorne Point St. Pk.	S. & J. Mirick, J. Regan
09-04	6	Rye	Odiorne Point St. Pk.	S. & J. Mirick
10-25	2	Hampton Falls	Eastman Slough	P. McKinley
10-27	1	Rumney	Stinson Lake	R. Quinn, T. Richards
10-27	5	Jefferson	Cherry Pond	R. Quinn
10-28	36	Rye	Ragged Neck	S. & J. Mirick
11-06	1	Chesterfield	Spofford Lake	E. Masterson
11-19	2	Laconia	Lake Winnisquam, end of Gale Ave.	H. Cook Anderson
11-25	1	Manchester	Lake Massabesic near yacht club	C. Martin, J. Hills, S. Hartman, et al.
11-28	4	Laconia	Lake Winnisquam, off Water St.	H. Cook Anderson
<b>Eared Grebe</b>				
11-30	1	Rye	Seal Rocks	D. Hubbard
<b>Greater Shearwater</b>				
09-02	15	N. Hampton	Little Boars Head	S. & J. Mirick
09-17	80	Rye	whalewatch	S. & J. Mirick
<b>Manx Shearwater</b>				
09-02	3	N. Hampton	Little Boars Head	S. & J. Mirick
09-17	1	Rye	whalewatch	S. & J. Mirick
<b>Shearwater sp.</b>				
08-03	2	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward, S. Burbidge

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Northern Gannet</b>				
08-01	1	Rye	White & Seavey Is., Isles of Shoals	M.& D. Hayward, S.& G. Burbidge
08-30	3	Rye	White & Seavey Is., Isles of Shoals	M.& D. Hayward
09-17	8	Rye	whalewatch	S.& J. Mirick
10-01	143	N. Hampton	Little Boars Head	S.& J. Mirick
10-18	3	Hampton	mouth of Hampton Harbor	D. Donsker, S. Young
10-28	1092	Rye	Ragged Neck	S.& J. Mirick
11-01	1	Alton	Roberts Cove, Lake Winnepesaukee	K. Taylor, J. Cooley
11-23	19	Rye	NH coast	R.& M. Suomala
<b>American White Pelican</b>				
10-21	1	Portsmouth	Rt. 1 intertidal area	K. Ciborowski, et al.

## Cormorants through Cranes

The protracted nature of the Double-crested Cormorant migration is well illustrated by the totals shown. Most of the coastal data represent migrating birds, with large groups moving south from late August through early November.

As stated earlier, the highlight of the season and one of the rarest birds ever recorded in New Hampshire was the Western Reef-Heron, which spent several weeks in the Piscataqua River region of New Hampshire and Maine. See the article in this issue for more information about this bird and its remarkable story. A Least Bittern in Stratham on October 4 is the first fall record since 1996 and comes from a marsh where one was also seen in July. A young Yellow-crowned Night-Heron in Hampton on September 17 and a Cattle Egret in Concord on October 23 were also noteworthy heron sightings.



*Western Reef-Heron by Eduardo del Solar, 9/9/06, New Castle, NH.*

Once again, the full-time coverage for hawk-watching at Pack Monadnock contributed greatly to our knowledge and appreciation of hawk migration in interior New Hampshire. The site recorded over 10,000 hawks for the season, including nearly 7,500 Broad-winged Hawks, over 1,200 Sharp-shinned Hawks, 55 Bald Eagles, and 12 Golden Eagles. Many of the totals were about twice last year's numbers. September 11 brought the best flight of the season with 3,044 Broad-winged Hawks and 15 Bald Eagles counted flying past the site. See the full report from Pack Monadnock and the summary of the state's fall hawk flight following the season report.

A Common Moorhen was a rare find on October 15 from a productive freshwater marsh in Stratham that also produced the Least Bittern mentioned earlier as well as a Virginia Rail and a Sora! The Sandhill Crane that has returned to Monroe each year since the summer of 1991 was once again reported from along the Connecticut River, but with only one report on November 11.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Double-crested Cormorant</b>				
08-26	23	Hinsdale	Connecticut R.	E. Masterson
08-27	340		NH coast	T. Bronson
09-02	373		NH coast	S. & J. Mirick
09-06	46	Rochester	Pickering Ponds	D. Hubbard
09-20	30	Hillsborough	Pack Monadnock	L. Tanino, J. Tilden
09-20	500		NH coast	T. Bronson
09-30	643		NH coast	S. & J. Mirick
10-01	1764	N. Hampton	Little Boars Head	S. & J. Mirick
10-02	68	Littleton	Partridge Lake	S. & M. Turner
10-15	646		NH coast	S. & J. Mirick
10-29	1388		NH coast	S. & J. Mirick
11-05	742		NH coast	S. & J. Mirick, BBC FT
11-17	1	Jefferson	Cherry Pond	R. Quinn, T. Richards, et al.



*Great Cormorant by Scott Young, 11/30/06, Pickering Ponds, Rochester, NH.*

**Great Cormorant**

10-06	5	N. Hampton	N. Hampton State Beach	P. Brown
10-27	1	Hampton	North Beach	T. Bronson
11-30	1	Rochester	Pickering Ponds	T. Vazzano, B. Crowley, S. Young, J. Tyler

**American Bittern**

08-26	2	Charlestown	Great Meadows	E. Masterson
09-07	1	Hampton	Tide Mill Creek	P. McKinley
09-08	1	Gilsum	Hammond Hollow Rd.	M. Wright
10-05	1	Stratham	Jewell Hill Brook marshes	G. Gavutis Jr.
10-07	1	Hampton	behind Little Jack's Restaurant	S. Mirick, NHA FT
10-29	1	Hampton	Henry's pool, Rt. 101E by pumphouse	T. Bronson

**Least Bittern**

10-04	1	Stratham	Jewell Hill Brook marshes	G. Gavutis Jr.
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**Great Blue Heron**

08-16	20	Brentwood	Brentwood Mitigation Area	T. Bronson, L. Deming
09-20	10		NH coast	T. Bronson
10-02	5	Portsmouth	Urban Forestry Center	T. Bronson, D. Hubbard
10-03	5	Seabrook	Cross Beach Rd.	T. Bronson
11-16	7	Greenland	Great Bay	T. Bronson
11-26	2	Laconia	Lake Winnisquam, end of Water St.	H. Cook Anderson

**Great Egret**

08-05	4	Keene	3-Mile Reservoir, Rt. 10	M. Wright
08-09	20	Hampton	behind Little Jack's Restaurant	T. Bronson

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Great Egret—continued</b>				
08-18	13	Hampton Falls	rail causeway at end of Depot Rd.	T. Bronson
08-18	1	Concord	Morrills Farm, Penacook	P. Hunt
08-24	1	Concord	Horseshoe Pond	E. Masterson
08-25	1	Exeter	wastewater treatment plant	T. Bronson
08-25	1	Exeter	Squamscott R., downtown	T. Bronson
08-26	5	Charlestown	Great Meadows	E. Masterson
08-26	1	Charlestown	Connecticut R.	E. Masterson
08-26	1	Hinsdale	Connecticut R.	E. Masterson
08-30	1	Milford	wooded trail off Osgood Rd.	L. Carson
09-01	8	Seabrook	marsh at Rt. 286	T. Bronson
09-02	1	Keene	Rt. 9/10	L. Tanino
09-02	1	Surry	Surry Mtn. Lake	L. Tanino
09-06	1	Rochester	Pickering Ponds	D. Hubbard
09-13	11	Hampton Falls	Depot Rd. marsh	T. Bronson
09-29	18		Hampton-Seabrook marshes	T. Bronson
10-02	1	Keene	3-Mile Reservoir, Rt. 10	M. Wright
10-07	1	Charlestown	wetlands along Connecticut R.	L. Tanino, M. Smith



*Western Reef-Heron by Mandy Houston, 8/9/06, Rye Harbor, Rye, NH.*

### **Western Reef-Heron**

08-09	1	Rye	Rye Harbor flyover	M. Houston
08-19	1	Portsmouth	Portsmouth Harbor flats	S.& J. Mirick, S.& M. Turner
08-21	1	New Castle	Little Harbor s. of Goat Island	P. Hunt
08-28	1	New Castle	Rt. 1B causeway	G. Prazar
08-30	1	New Castle	off Riverside Cemetery	P. Hendrickx, C. Fisher
08-31	1	New Castle	Wentworth-Coolidge Mansion	S. Mirick
09-08	1	New Castle	island near boat ramp	J.& J. Williams
09-16	1	Rye	Odiorne Pt. St. Pk.	S.& J. Mirick
09-20	1	New Castle	islands off Riverside Cemetery	T. Bronson

### **Snowy Egret**

08-05	33	Rye	marshes	S.& J. Mirick
08-09	7	Hampton	behind Little Jack's Restaurant	T. Bronson
09-01	25	Portsmouth	Belle Isle	T. Bronson
09-13	9	Hampton Falls	Depot Rd. marsh	T. Bronson
09-20	40	New Castle	s. of Goat Is.	T. Bronson
10-02	2	Portsmouth	Urban Forestry Center	T. Bronson, D. Hubbard

### **Little Blue Heron**

08-05	1	Rochester	Pickering Ponds	D. Hubbard
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### **Cattle Egret**

10-23	1	Concord	Horseshoe Pond	E. Masterson
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<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Green Heron</b>				
08-10	2	Epping	rail trail e. of Fremont Rd.	T. Bronson
08-16	6	Rochester	Pickering Ponds	D. Hubbard
08-21	2	Canterbury	Peverly Pond	E. Masterson
08-22	7	Brentwood	Brentwood Mitigation Area	T. Bronson, J. Berry
08-26	2	Charlestown	Great Meadows	E. Masterson
08-28	2	Durham	Colby Marsh	T. Bronson
09-27	2	Laconia	Elm St., Laconia CC	H. Anderson
10-06	1	Conway	E. Conway Rd. fields	T. Vazzano, B. Crowley, R. Ridgely
10-12	1	Brentwood	Brentwood Mitigation Area	G. Gavutis Jr.
10-13	1	Laconia	Elm St., Laconia CC	H. Cook Anderson
10-15	2	Exeter	wastewater treatment plant	S.& J. Mirick
<b>Black-crowned Night-Heron</b>				
08-16	1	Rochester	Pickering Ponds	D. Hubbard
08-20	1	Portsmouth	Peirce Is.	M.& R. Suomala
08-26	1	Charlestown	Great Meadows	E. Masterson
08-27	1	Rye	Odiorne Point St. Pk.	T. Bronson
<b>Yellow-crowned Night-Heron</b>				
09-17	1	Hampton	vacant lot off Island Path	S.& J. Mirick
09-20	1	Hampton	off Island Path	J. O'Shaughnessy
<b>Glossy Ibis</b>				
08-12	1	Rye	s. of Odiorne Point	S.& J. Mirick
08-27	2	Rye	s. of Odiorne Point	S.& J. Mirick, J. Regan
<b>Turkey Vulture</b>				
08-16	40	Rochester	Pickering Ponds	D. Hubbard
09-27	100	Keene	Court St. n. end	L. Tanino, A. Clark
10-04	40	Lebanon	W. Lebanon near airport	J. Williams
10-13	12	Laconia	Lakeport Square, Union Ave.	H. Anderson
10-24	12	Peterborough	Pack Monadnock	J. Tilden, et al.*
11-06	6	Rochester	wastewater treatment plant	T. Bronson, D. Hubbard, M. Pachomski
11-11	33	Newmarket	downtown & Rt. 108 n.	T. Bronson, NHA Capital Chapter FT
11-20	6	Nashua	Main Dunstable Rd.	R. Andrews
11-22	2	Rochester	Pickering Ponds	D. Hubbard
<b>Osprey</b>				
09-11	12	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-22	29	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-25	31	Peterborough	Pack Monadnock	J. Tilden
09-26	13	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-27	24	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-04	15	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-26	1	Concord	Snow Pond powerlines	P. Brown
10-30	1	Gilsum	Hammond Hollow Rd.	M. Wright
11-01	1	Jefferson	Cherry Pond	D. Mallion, M. Goodson

\* see p.18 note

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Bald Eagle</b>				
09-10	9	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-11	15	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-27	6	Peterborough	Pack Monadnock	J. Tilden, et al.*
<b>Northern Harrier</b>				
09-11	4	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-21	12	Rye		S. Mirick
09-22	5	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-04	4	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-05	4	Peterborough	Pack Monadnock	J. Tilden, L. Tanino
10-06	4	Peterborough	Pack Monadnock	J. Tilden, L. Tanino
10-10	4	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-26	4	Peterborough	Pack Monadnock	J. Tilden
11-19	2	Rye	Odiorne Pt. St. Pk.	R. Suomala
11-20	1	Rye	Awcomin Marsh	I. MacLeod, H. Galbraith
<b>Sharp-shinned Hawk</b>				
09-11	48	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-12	50	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-16	70	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-17	46	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-27	50	Peterborough	Pack Monadnock	J. Tilden, L. Tanino, D. Ross
10-04	122	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-05	70	Peterborough	Pack Monadnock	J. Tilden, L. Tanino
10-06	55	Peterborough	Pack Monadnock	J. Tilden, L. Tanino
10-16	45	Peterborough	Pack Monadnock	J. Tilden, et al.*
<b>Cooper's Hawk</b>				
09-10	6	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-11	7	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-16	10	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-27	9	Peterborough	Pack Monadnock	J. Tilden, L. Tanino, D. Ross
10-04	10	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-10	10	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-14	10	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-16	11	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-19	16	Peterborough	Pack Monadnock	J. Tilden, et al.*
<b>Northern Goshawk</b>				
10-13	3	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-14	6	Peterborough	Pack Monadnock	J. Tilden, I. MacLeod, et al.
10-15	3	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-19	6	Peterborough	Pack Monadnock	J. Tilden, et al.*
11-05	6	Peterborough	Pack Monadnock	J. Tilden, D. Ross
11-06	4	Peterborough	Pack Monadnock	J. Tilden, et al.*
<b>Red-shouldered Hawk</b>				
08-17	1	Gilmanton	High St.	J. Stockwell
08-21	1	Newmarket	Wiggin Farm/Tuttle Swamp CA	T. Bronson
10-05	6	Peterborough	Pack Monadnock	J. Tilden, L. Tanino
10-27	6	Peterborough	Pack Monadnock	J. Tilden, P. Brown
11-05	4	Hillsborough	Windsor Road	I. MacLeod

\* see p.18 note

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Broad-winged Hawk</b>				
09-10	962	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-11	3044	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-12	641	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-16	77	Center Harbor	Coe Hill Rd.	J. Merrill, F. Tyrrell
09-16	777	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-17	598	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-18	279	Peterborough	Pack Monadnock	J. Tilden
09-21	229	Rye	Rt. 1A wooden bridge	S. Mirick
09-27	76	Brentwood	Brentwood Mitigation Area	T. Bronson
<b>Red-tailed Hawk</b>				
10-24	21	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-25	20	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-26	37	Peterborough	Pack Monadnock	J. Tilden
10-27	53	Peterborough	Pack Monadnock	J. Tilden, P. Brown
11-01	38	Peterborough	Pack Monadnock	J. Tilden, et al.*
11-03	33	Peterborough	Pack Monadnock	J. Tilden, et al.*
11-04	25	Peterborough	Pack Monadnock	J. Tilden
11-05	24	Hillsborough	Windsor Road	I. MacLeod
11-05	42	Peterborough	Pack Monadnock	J. Tilden, D. Ross
<b>Golden Eagle</b>				
10-13	1	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-27	1	Peterborough	Pack Monadnock	J. Tilden, P. Brown
10-30	3	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-31	1	Peterborough	Pack Monadnock	J. Tilden, et al.*
11-01	2	Peterborough	Pack Monadnock	J. Tilden, et al.*
11-03	3	Peterborough	Pack Monadnock	J. Tilden, et al.*
11-05	1	Hillsborough	Windsor Road	I. MacLeod
<b>American Kestrel</b>				
09-11	24	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-12	22	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-16	16	Peterborough	Pack Monadnock	J. Tilden, et al.*
09-27	19	Peterborough	Pack Monadnock	J. Tilden, L. Tanino, D. Ross
10-04	18	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-05	15	Peterborough	Pack Monadnock	J. Tilden, L. Tanino
10-06	12	Peterborough	Pack Monadnock	J. Tilden, L. Tanino
<b>Merlin</b>				
08-03	1	Concord	over Low Ave.	R. Quinn
08-13	1	Plainfield	Connecticut R. s. of Sumners Falls	P. Hunt, N. Swanberg
08-14	1	Seabrook	Yankee Fisherman's Coop	S. Mirick
08-16	1	Concord	Horseshoe Pond	R. Quinn
09-11	5	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-05	6	Peterborough	Pack Monadnock	J. Tilden, L. Tanino
11-01	1	Kensington	Shaw's Hill	T. Bronson
11-05	1	Hillsborough	Windsor Road	I. MacLeod

\* see p.18 note

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Peregrine Falcon</b>				
09-26	3	Peterborough	Pack Monadnock	J. Tilden, L. Tanino, D. Ross
09-27	5	Peterborough	Pack Monadnock	J. Tilden, L. Tanino, D. Ross
10-01	4	N. Hampton	Little Boars Head	S.& J. Mirick
10-04	4	Peterborough	Pack Monadnock	J. Tilden, et al.*
10-05	5	Peterborough	Pack Monadnock	J. Tilden, L. Tanino
10-21	3	Rye	Odiorne Point St. Pk.	E. Masterson, J. Hills, S.& J. Mirick
<b>Virginia Rail</b>				
08-08	1	Concord	Horseshoe Pond	R. Quinn
10-04	1	Stratham	Jewell Hill Brook marshes	G. Gavutis Jr.
11-11	1	Rye	Odiorne Point St. Pk.	S.& J. Mirick, D. Abbott
<b>Sora</b>				
10-04	1	Stratham	Jewell Hill Brook marshes	G. Gavutis Jr.
<b>Common Moorhen</b>				
10-15	1	Stratham	Jewell Hill Brook marshes	G. Gavutis Jr.
<b>American Coot</b>				
09-25	1	Rochester	Pickering Ponds	D. Hubbard
10-07	3	Rye	Eel Pond	S. Mirick, NHA FT
10-10	6	Salem	World End Pond	K. Folsom
10-18	75	Kingston	Powwow Pond	S. Mirick
10-23	5	Rochester	wastewater treatment plant	E. Masterson
10-24	18	Rye	Eel Pond	S. Mirick
10-25	4	Laconia	end of Water St., Lake Winnisquam	H. Anderson
10-25	1	Laconia	Church St., Opechee Bay	T. Vazzabo
10-27	1	Concord	Turtle Pond	R. Quinn
10-31	2	Durham	Great Bay, Bay View Dr.	S. Mirick
11-05	125	Kingston	Powwow Pond	S.& J. Mirick, BBC FT
11-09	25	Rye	Eel Pond	T. Bronson, P. Chamberlain, J. Woolf
11-17	10	Rochester	Pickering Ponds	D. Hubbard
11-19	13	Exeter	wastewater treatment plant	M.& R. Suomala
11-20	24	Rye	Eel Pond	I. MacLeod, H. Galbraith
11-22	1	Brentwood	Brentwood Mitigation Area	T. Bronson
11-22	5	Rochester	wastewater treatment plant	E. Masterson
11-22	1	Durham	Great Bay	E. Masterson
11-30	3	Rochester	Pickering Ponds	T. Vazzano, B. Crowley
<b>Sandhill Crane</b>				
11-11	1	Monroe	Plains Rd.	J.& J. Williams

\*Note: Many observers assisted at Pack Monadnock on various days including R. Ashmead, R. Cleaves, I. MacLeod, E. Masterson, D. Ross, D.&L. Stokes, L. Tanino, F. Von Mertens.

## Shorebirds through Terns

The Isles of Shoals continues to be the “hotspot” for some species of shorebirds in fall migration. Last fall I commented on 127 Ruddy Turnstones from White and Seavey Islands as being a very high total for the state. In 2006, biologists counted 592 on August 7! Although this is likely the highest total recorded in New Hampshire, it is not that unusual as some shorebird staging areas south of us in Massachusetts usually get several hundred in fall migration. Likewise, the 120 White-rumped Sandpipers from the islands is an extremely high total for New Hampshire, but not atypical for some shorebird sites in Massachusetts. A total of 33 Solitary Sandpipers in Concord is one of the highest fall totals for this species as is the report of 200 Greater Yellowlegs along the coast on September 2. Rare shorebird sightings included an Upland Sandpiper at Horseshoe Pond and single Marbled Godwits and Buff-breasted Sandpipers along the coast. The only fall phalarope report was a rather unusual sighting of a Red-necked Phalarope seen from shore on the late date of October 29.

Eleven jaegers is a very high number seen from offshore on a whalewatch trip on September 17. Of these, four were thought to be Pomarine Jaegers. Lesser Black-backed Gulls continue to increase in the state with approximately eight individuals reported, including the two, now annual, adult birds that appeared at their usual spots in Durham and at Frost Point at Odiorne Point State Park. The Laughing Gull population in the northeast has increased in recent years and is reflected in observations along the New Hampshire coast. A strange late afternoon movement of 153 birds was observed moving north along the coast on September 4, and then a total 191 were counted moving south during a storm on October 1! These numbers smash last fall's record high of 48.

Fourteen Caspian Terns, a very high total for the state, were counted migrating south along the coast over the course of seven hours during a storm watch on October 1. A Royal Tern seen at the Isles of Shoals is a rare find for this southern species; however an inland Arctic Tern photographed in Holderness on October 8 is not only remarkable for its occurrence inland, but also very late and certainly the most unusual tern sighting for the fall. This species is normally highly pelagic and usually departs the North Atlantic by the end of August.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Black-bellied Plover</b>				
08-05	44	Rye	Rt. 1A wooden bridge	S.& J. Mirick
08-07	103	Hampton Falls	Mill Creek Flats	P. McKinley
08-30	75	Seabrook	Hampton Harbor	T. Bronson
10-04	64	Seabrook	Hampton Harbor	T. Bronson
11-05	60	Seabrook	Seabrook Beach	S.& J. Mirick, BBC FT
11-16	43	Seabrook	Seabrook Beach	P. McKinley
<b>American Golden-Plover</b>				
09-08	1	Hampton	Plaice Cove	R. Aaronian
09-21	1	Rye	near Rt. 1A wooden bridge	S. Mirick
09-30	1	Hampton	Hampton Harbor	S.& J. Mirick
11-05	1	Seabrook	Seabrook Beach	S.& J. Mirick, BBC FT

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Semipalmated Plover</b>				
08-14	405	Seabrook	Yankee Fisherman's Coop	S. Mirick
08-14	300	Seabrook	Seabrook Beach	S. Mirick
08-21	814	Seabrook	Seabrook Beach	S. Mirick
09-29	230	Seabrook	Seabrook Beach	T. Bronson
11-09	7	Seabrook	Seabrook Beach	S. Mirick
<b>Killdeer</b>				
08-13	32	Fremont	Martin Rd.	T. Bronson
08-21	20	Canterbury	Peverly Pond	E. Masterson
08-23	51	Webster	Pillsbury Pond	E. Masterson
08-26	20	Charlestown	Great Meadows	E. Masterson
09-25	40	Exeter	wastewater treatment plant	P. Brown
10-04	30	Exeter	wastewater treatment plant	T. Bronson
10-04	20	Rochester	wastewater treatment plant	S. Mirick
10-07	90	Durham	Rt. 155A (Moore) fields	S. Mirick, NHA FT
11-04	10	N. Hampton	Runnymede Farm	S.& J. Mirick
11-05	4	Fremont	Martin Rd.	T. Bronson
<b>Greater Yellowlegs</b>				
08-02	5	Rye	White & Seavey Is., Isles of Shoals	M.& D. Hayward, S. Burbidge
08-26	2	Charlestown	Great Meadows	E. Masterson
08-28	3	Durham	Colby Marsh	T. Bronson
09-02	200	Hampton	Meadow Pond	S.& J. Mirick
09-29	1	Surry	Surry Mtn. Lake	L. Tanino
10-18	119	Hampton	Meadow Pond n.	P. McKinley
11-10	2	Northwood	Northwood Lake	E. Masterson
11-10	3	Hollis	N. Pepperell Rd.	R. Andrews, D. Deifik
11-22	2	Hampton	Hampton Harbor	E. Masterson
<b>Lesser Yellowlegs</b>				
08-05	35	N. Hampton	Little River Saltmarsh	S.& J. Mirick
08-14	13	Rochester	wastewater treatment plant	T. Bronson, P.& S. Yorke
08-18	13	Hampton	Henry's Pool	T. Bronson
09-02	25	Hampton	Meadow Pond	S.& J. Mirick
09-04	18	Rochester	wastewater treatment plant	S.& J. Mirick
09-28	20	Hampton	Willows Flats	P. McKinley
10-27	1	Hampton	Landing Rd.	T. Bronson
10-29	1	Rye	pools off Rt. 1A	S.& J. Mirick
<b>Yellowlegs sp.</b>				
08-18	28	Hampton	Landing Rd.	T. Bronson
09-01	40	Hampton	Meadow Pond	T. Bronson
<b>Solitary Sandpiper</b>				
08-05	4	Nottingham	Pawtuckaway SP, Fundy Cove access	P. Hunt, et al. Chapter FT
08-13	8	Canterbury	Peverly Meadow	R. Quinn
08-18	5	Concord	Morrill's's Farm, Penacook	P. Hunt
08-21	33	Canterbury	Peverly Pond	E. Masterson
10-06	1	Weare	n. shore of reservoir, Clough St. Pk.	G. Gavutis Jr.
10-14	1	Brentwood	Brentwood Mitigation Area	G. Gavutis Jr.
10-30	1	Concord	Turtle Pond	P. Brown
<b>Willet</b>				
08-02	15	Hampton	n. part of Hampton Harbor	S. Mirick
08-06	2	Rye	White & Seavey Is., Isles of Shoals	D.& M. Hayward, S. Burbidge

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
08-14	11	Hampton Falls	Mill Creek Flats	P. McKinley
08-31	11	Seabrook	Riverside Creek	P. McKinley
<b>Spotted Sandpiper</b>				
08-01	20	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward, S. & G. Burbidge
08-13	6	Cornish	Connecticut R., Hart Is. to Cornish-Windsor Bridge	P. Hunt, N. Swanberg
08-13	8	Plainfield	Connecticut R., Summers Falls to Hart Is.	P. Hunt, N. Swanberg
08-14	8	Rochester	wastewater treatment plant	T. Bronson, P. & S. Yorke
10-13	1	Hill	Pemigewasset R.	G. Gavutis Jr.
10-13	3	Rochester	wastewater treatment plant	D. Hubbard
10-22	1	Exeter	wastewater treatment plant	S. & J. Mirick
<b>Upland Sandpiper</b>				
08-13	1	Concord	Horseshoe Pond	R. Quinn
<b>Whimbrel</b>				
08-02	9	Hampton	n. part of Hampton Harbor	S. Mirick
08-07	11	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward, S. Burbidge
08-21	1	New Castle		S. Mirick
09-02	2	N. Hampton	Little River saltmarsh	S. & J. Mirick
<b>Hudsonian Godwit</b>				
08-02	2	Hampton	n. part of Hampton Harbor	S. Mirick
08-11	1	Seabrook	Mill Creek roost	P. McKinley
10-03	1	Seabrook	Seabrook Harbor	T. Bronson, P. McKinley
10-25	2	Hampton Falls	Mill Creek Flats	P. McKinley
10-29	1	Hampton	Henry's Pool	S. & J. Mirick
<b>Marbled Godwit</b>				
08-20	1	Hampton	Henry's Pool	J. O'Shaughnessy
<b>Ruddy Turnstone</b>				
08-02	65	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward, S. Burbidge
08-05	77	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward, S. Burbidge
08-07	592	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward, S. Burbidge
08-08	250	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward, S. Burbidge
08-18	175	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward
<b>Sanderling</b>				
08-08	67	Rye	Rye Ledge	S. Mirick
09-13	46		NH coast	T. Bronson
10-19	56	Seabrook	Seabrook Beach	P. McKinley
11-09	80	Hampton	Plaice Cove	T. Bronson, P. Chamberlain
11-17	95		NH coast	T. Bronson
<b>Semipalmated Sandpiper</b>				
08-08	325	Hampton	Landing Road pools	S. Mirick
08-14	600	Seabrook	Seabrook Beach	S. Mirick
08-16	4	Rochester	wastewater treatment plant	D. Hubbard
08-20	375	Rye	Seavey's Creek at Rt. 1A	T. Bronson
08-23	1	Webster	Pillsbury Pond	E. Masterson
08-27	198	New Castle	Fort Stark	S. & J. Mirick, J. Regan
09-22	210	Hampton	cove s. of bridge & e. of Rt. 1A	T. Bronson

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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**Semipalmated Sandpiper—continued**

10-18	37	Seabrook	Seabrook Beach	P. McKinley
11-09	4	Seabrook	Seabrook Beach	S. Mirick

**Western Sandpiper**

08-12	1	Rye	Concord Pt.	D. Donsker
09-30	1	Seabrook	Seabrook Beach	S. & J. Mirick

**Least Sandpiper**

08-07	76	Concord	Horseshoe Pond	R. Quinn
08-21	87	Canterbury	Peverly Pond	E. Masterson
08-25	50	Exeter	Squamscott River downtown	T. Bronson
09-02	12	Rye	White & Seavey Is., Isles of Shoals	M. & D. Hayward
09-19	3	Hollis	Flint Pond	R. Andrews
10-01	1	Hampton	Meadow Pond	S. & J. Mirick
10-24	1	Rye	Ragged Neck	S. Mirick

**White-rumped Sandpiper**

08-12	1	Rye	pannes s. of Odiorne Point	S. & J. Mirick
08-20	69	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward
09-30	2	Seabrook	Seabrook Beach	S. & J. Mirick
10-07	7	Seabrook	Seabrook Beach	S. Mirick, NHA FT
10-21	1	Hampton	Bicentennial Park	E. Masterson, J. Hills

**Pectoral Sandpiper**

09-02	1	Hampton	Meadow Pond	S. & J. Mirick
09-08	2	Seabrook	Cross Beach Rd.	T. Bronson
09-25	1	Exeter	wastewater treatment plant	P. Brown
10-22	2	Durham	Rt. 155A (Moore) fields	S. & J. Mirick
10-23	2	Concord	Horseshoe Pond	E. Masterson
10-28	1	Hampton	Hampton Beach St. Pk.	S. & J. Mirick
10-29	4	Concord	Horseshoe Pond	M. & R. Suomala

**Purple Sandpiper**

08-07	1	Rye	White & Seavey Is., Isles of Shoals	M. & D. Hayward, S. Burbidge
08-29	1	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward



*Dunlins by Debbie Stahre, 1/20/06, Hampton Beach, NH.*

**Dunlin**

09-22	5	Hampton	cove s. of bridge & e. of Rt. 1A	T. Bronson
10-04	33	Seabrook	Blackwater River roost	P. McKinley
10-19	104	Seabrook	Harbor flats n.	P. McKinley
11-04	1	Concord	Horseshoe Pond sod field	R. Quinn, M. Suomala
11-09	400	Seabrook	Seabrook Beach	S. Mirick
11-23	60	Hampton	Bicentennial Park	R. & M. Suomala



<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Stilt Sandpiper</b>				
08-06	2	Hampton	Landing Rd.	T. Bronson
08-06	5	Hampton	Rt. 1 pans s. of Rt. 101	T. Bronson
08-30	2	Hampton	Meadow Pond n.	P. McKinley
09-02	5	Hampton	Meadow Pond	S. & J. Mirick
09-04	10	Hampton	Meadow Pond	S. & J. Mirick
09-17	2	Hampton	Meadow Pond	S. & J. Mirick
09-28	1	Hampton	Meadow Pond n.	P. McKinley



*Buff-breasted Sandpiper*  
by JoAnn O'Shaughnessy, 9/10/06,  
Plaice Cove, Hampton, NH.

### **Buff-breasted Sandpiper**

09-09 1 Hampton Plaice Cove R. Aaronian

### **Short-billed Dowitcher**

08-02 9 Rye White & Seavey Is., Isles of Shoals D. & M. Hayward, S. Burbidge  
08-16 16 Seabrook Blackwater R. flats P. McKinley  
09-07 27 Hampton The Willows flats P. McKinley  
09-13 17 Hampton The Willows roost P. McKinley

### **Long-billed Dowitcher**

09-30 1 Hampton Meadow Pond S. & J. Mirick

### **Wilson's Snipe**

10-06 3 Weare flood control reservoir, Clough St. Pk. G. Gavutis Jr.  
11-01 4 Brentwood Brentwood Mitigation Area T. Bronson  
11-03 1 Newmarket Hamel Farm Dr./Piscassic R. P. Hendrickx  
11-04 1 Concord Horseshoe Pond M. Suomala, R. Quinn

### **American Woodcock**

09-15 1 Gilsum Hammond Hollow Rd. M. Wright  
10-14 1 Newmarket Hamel Farm Dr./Piscassic R. P. Hendrickx  
10-24 2 Brentwood Brentwood Mitigation Area T. Bronson  
10-29 2 Bradford off West Rd. M. Halsted  
11-02 1 Concord Hoit Rd. marsh R. Quinn

### **Red-necked Phalarope**

10-29 1 Rye cove s. of Odiorne Point S. & J. Mirick

### **Pomarine Jaeger**

09-17 4 Rye whalewatch S. & J. Mirick

### **Parasitic Jaeger**

10-28 1 Rye Ragged Neck, Rye Harbor St. Pk. S. & J. Mirick

### **Jaeger sp.**

09-02 3 N. Hampton Little Boars Head S. & J. Mirick  
09-17 7 Rye whalewatch S. & J. Mirick

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Laughing Gull</b>				
08-27	40		NH coast	S. & J. Mirick, J. Regan
09-02	50		NH coast	S. & J. Mirick
09-04	153		NH coast	S. & J. Mirick
10-01	191	N. Hampton	Little Boars Head	S. & J. Mirick
10-29	1	Rye	Odiorne Point St. Pk.	S. & J. Mirick
<b>Little Gull</b>				
08-27	1	New Castle	Fort Stark	S. & J. Mirick, J. Regan
09-02	1	Seabrook	Seabrook Beach	S. & J. Mirick
09-10	1	New Castle	Rt. 1B metal bridge	S. & J. Mirick, D. Holmes
09-17	1	Rye	Odiorne Point St. Pk.	S. & J. Mirick
<b>Black-headed Gull</b>				
09-30	1	Rye	n. end of Foss Beach	S. & J. Mirick
10-28	1	Rye	Ragged Neck	S. & J. Mirick
<b>Bonaparte's Gull</b>				
08-02	43	Hampton	Bicentennial Park	S. Mirick
08-12	2	Errol	Leonard Pond	R. Quinn
09-04	11	Durham	Little Bay at Adams Pt. boat launch	T. Bronson
09-20	168	New Castle	Ocean Ave. end	T. Bronson
09-30	200	Rye	n. end of Foss Beach	S. & J. Mirick
10-02	444	Portsmouth	Portsmouth Harbor & Back Channel	T. Bronson, D. Hubbard
<b>Ring-billed Gull</b>				
10-25	40	Holderness	Holderness School soccer field	J. Williams
10-31	400	Rochester	wastewater treatment plant	S. Mirick
11-16	72	E. Kingston	South Rd.	D. Finch
11-17	320	Concord	Long Pond	P. Hunt, R. Suomala
<b>Iceland Gull</b>				
10-31	1	Rochester	wastewater treatment plant	S. Mirick
11-22	1	Rochester	wastewater treatment plant	E. Masterson
11-28	1	Seabrook	Hampton Harbor	T. Bronson
11-30	3	Rochester	wastewater treatment plant	T. Vazzano, B. Crowley
<b>Lesser Black-backed Gull</b>				
08-27	1	Rye	Rt. 1A wooden bridge	S. & J. Mirick, J. Regan
08-28	1	Rye	Jeness Beach	S. Mirick
08-30	1	Rochester	Pickering Ponds	D. Hubbard
09-03	1	Rye	Jeness Beach	S. & J. Mirick
09-11	1	Durham	Durham town landing	S. Mirick
10-07	1	Rye	Odiorne Point St. Pk.	S. Mirick, NHA FT
10-31	1	Somersworth	Willand Pond	S. Mirick
11-10	1	Rochester	wastewater treatment plant	E. Masterson
<b>Glaucous Gull</b>				
11-22	1	Rochester	wastewater treatment plant	E. Masterson
<b>Black-legged Kittiwake</b>				
10-28	7	Rye	Ragged Neck	S. & J. Mirick
11-23	3	Rye	NH coast	R. & M. Suomala
<b>Caspian Tern</b>				
10-01	14	N. Hampton	Little Boars Head	S. & J. Mirick
10-04	3	Hampton	Hampton Harbor	S. Mirick

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Royal Tern</b>				
08-16	1	Rye	White & Seavey Is., Isles of Shoals	D.& M. Hayward
<b>Roseate Tern</b>				
08-01	110	Rye	White & Seavey Is., Isles of Shoals	D.& M. Hayward, S.& G. Burbidge
08-21	65	Rye	White & Seavey Is., Isles of Shoals	D.& M. Hayward
08-29	30	Rye	White & Seavey Is., Isles of Shoals	D.& M. Hayward
09-01	5	Rye	White & Seavey Is., Isles of Shoals	D.& M. Hayward
<b>Common Tern</b>				
08-01	6000	Rye	White & Seavey Is., Isles of Shoals	S.& G. Burbidge, M.& D. Hayward
08-19	10,000	Rye	White & Seavey Is., Isles of Shoals	M.& D. Hayward
08-23	2000	Rye	White & Seavey Is., Isles of Shoals	M.& D. Hayward
08-31	400	Rye	White & Seavey Is., Isles of Shoals	M.& D. Hayward
09-04	32	Rye	White & Seavey Is., Isles of Shoals	M.& D. Hayward
<b>Arctic Tern</b>				
08-07	16	Rye	White & Seavey Is., Isles of Shoals	D.& M. Hayward, S. Burbidge
08-30	4	Rye	White & Seavey Is., Isles of Shoals	D.& M. Hayward
10-08	1	Holderness	Squam Lake by Great Island	R. Ridgely, T.Vazzano
<b>Forster's Tern</b>				
08-27	1	New Castle	Fort Stark	S.& J. Mirick, J. Regan
<b>Least Tern</b>				
08-05	1	Hampton	marshes	S.& J. Mirick
<b>Tern sp.</b>				
09-08	300	Seabrook	Hampton Harbor by nuclear plant	T. Bronson

## Alcids through Raven

Two Atlantic Puffins were a nice find from White and Seavey Islands on August 11; however, only one Razorbill was reported for the fall, which is fewer than normal for this species. A young Black Guillemot was reported from an usual location in the inner Portsmouth Harbor area on August 19.

On November 18, Alan Keit and Mark Krenitsky discovered an adult Fork-tailed Flycatcher at Odiome Point State Park on a Mascoma Chapter field trip for New Hampshire Audubon. This sighting represents the first confirmed state record for this species, and scores of birders enjoyed the bird during its three-day stay. Detailed photographs of the outer wing feathers indicate that the bird is of



*Fork-tailed Flycatcher*  
by Christopher Ciccone,  
11/20/06, Odiome Pt. St. Pk., NH.

the more highly migratory South American race, which is the race expected to occur in the northeastern United States. It was seen feeding on fruit and insects during its stopover. Northern Shrikes had a respectable fall with a total of eight reported, and a very late Warbling Vireo was well seen in Rye on October 15.

Fish Crows also continue to expand their range northward into New Hampshire, particularly along the Merrimack River in south central New Hampshire. The numbers from Concord are some of the highest totals for the state.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Razorbill</b>				
10-28	1	Rye	Ragged Neck	S. & J. Mirick
<b>Black Guillemot</b>				
08-09	1	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward, S. Burbidge
08-19	1	New Castle	in creek nw. of bridge	S. & J. Mirick
11-22	1	Rye	Odiorne Point	E. Masterson, D. Abbott
11-23	3	Rye	NH coast	R. & M. Suomala
<b>Atlantic Puffin</b>				
08-11	2	Rye	White & Seavey Is., Isles of Shoals	J. Derrick, et al.
<b>Black-billed Cuckoo</b>				
08-26	1	E. Kingston	South Rd.	D. Finch
08-31	1	Moultonborough	Daigneau Dr.	T. Vazzano
09-16	1	Whitefield	Pondicherry NWR	D. Hubbard
<b>Yellow-billed Cuckoo</b>				
09-08	1	Rochester	Pickering Ponds	D. Hubbard
<b>Cuckoo sp.</b>				
09-20	1	Concord	Horseshoe Pond	R. Quinn
<b>Eastern Screech-Owl</b>				
08-24	1	Dover	Prospect St. residence	A. & S. Galt
08-28	1	Brookline	Spaulding Brook area	M. Anne
<b>Common Nighthawk</b>				
08-05	1	Kingston	ball fields near Webster WMA	P. Hunt, M. Reinhardt
08-21	50	New Castle		S. Mirick
08-23	30	Peterborough	Rivermead Retirement Community	M. & B. Walker
08-26	20	Walpole		E. Masterson
08-28	30	Concord	Penacook	E. Masterson
08-28	50	Webster	Pillsbury Pond	E. Masterson
08-29	50	Hopkinton	Rt. 202 just e. of Dimond Hill Farm	L. Deming
08-31	70	Dover	Prospect St. residence	A. & S. Galt
10-04	5	Seabrook	Blackwater R.	G. Gavutis Jr.
<b>Whip-poor-will</b>				
08-04	1	Concord	residence	R. Woodward
09-07	2	Brookline	Spaulding Brook sandpit	M. Anne, E. Nickerson
09-09	1	Hillsborough	Windsor Road	I. MacLeod
09-16	1	Concord	residence	R. Woodward
<b>Chimney Swift</b>				
08-25	40	Exeter	Squamscott River downtown	T. Bronson
09-02	1	Concord	Contoocook Island	P. Hunt

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Ruby-throated Hummingbird</b>				
08-04	3	Rochester	Ten Rod Rd. residence	D. Hubbard
08-05	3	Gilsum	Hammond Hollow Rd.	M. Wright
08-24	3	Kensington	Rt. 107 residence	G. Gavutis Jr.
08-30	4	Brookline	residence	M. Anne
09-30	1	Kensington	Rt. 107 residence	G. Gavutis Jr.
10-05	1	Dover	Prospect St.	S. Galt
<b>Red-bellied Woodpecker</b>				
08-02	1	Exeter	residence	G. Prazar
08-12	1	Chester	Hillside Haven	A.& B. Delorey
08-16	1	Kensington	Rt. 107 residence	G. Gavutis Jr.
08-18	1	Concord	Goodwin Point	P. Hunt
09-18	1	Peterborough	Casalis Marsh	T. Bronson, D. Hubbard, M. Pachomski
09-25	1	Durham	Colby Marsh	T. Bronson
09-30	1	Derry	Beaver Lake	A.& B. Delorey
10-04	2	Stratham	Jewell Hill Brook marshes	G. Gavutis Jr.
10-04	1	Fremont	Ingalls Lane	T. Bronson
10-16	1	E. Kingston	South Rd.	D. Finch
11-01	1	S. Hampton	Brookside WS	T. Bronson
11-05	1	Kingston	Powwow Pond	S.& J. Mirick, BBC FT
11-09	1	Barrington	Alwood Dr. near Wood Rd.	T. Chase
11-10	1	Manchester	Bodwell Rd.	L. Ficek
11-16	1	Francestown	Hardy residence	M. Hardy
<b>Yellow-bellied Sapsucker</b>				
08-09	2	New Durham	Marks WMA	T. Bronson, D. Hubbard, M. Pachomski
08-11	3	Deering	Deering WS	T. Bronson, J. Hills
09-27	1	E. Kingston	South Rd.	D. Finch
10-01	2	Rochester	Ten Rod Rd. residence	D. Hubbard
10-03	2	Chester	Hillside Haven	A.& B. Delorey
<b>Black-backed Woodpecker</b>				
08-05	2	T & M Purchase	Caps Ridge Trail	D.& K Govatski
08-14	2	Jefferson	Pondicherry WS	D. Govatski
08-26	1	Bethlehem	Trudeau Rd. wetlands	D. Govatski
08-30	1	Jefferson	Pondicherry WS	D. Govatski
11-01	2	T & M Purchase	Caps Ridge Trail	D. Govatski
11-03	1	Jefferson	rail line 1 mi. n. of Cherry Pond	D. Govatski
<b>Northern Flicker</b>				
08-18	6	Hampton	Landing Rd.	T. Bronson
08-30	4	S. Hampton	Brookside WS	T. Bronson
09-25	6	Rochester	Pickering Ponds	D. Hubbard
09-28	9	Gilsum	Hammond Hollow Rd.	M. Wright
09-28	5	Belmont	Rt. 107	J. Stockwell
10-09	5	Concord	Turkey Pond survey	R. Woodward
<b>Olive-sided Flycatcher</b>				
08-09	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
08-10	2	Wentworths Location	Lake Umbagog NWR	R. Quinn, D. Govatski
08-27	2	Hillsborough	Windsor Road	I. MacLeod

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Eastern Wood-Pewee</b>				
08-26	5	Kensington	Rt. 107 residence	G. Gavutis Jr.
08-27	6	Concord	Turkey Pond survey	R. Woodward
08-28	8	Durham	Colby Marsh	T. Bronson
09-17	1	Concord	Bog Rd.	P. Hunt
<b>Yellow-bellied Flycatcher</b>				
08-13	1	Sandwich	Red Hill Pond	T. Vazzano, R. Van de Poll
08-16	2	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward, S. Burbidge
<b>Alder Flycatcher</b>				
08-06	4	Concord	Turkey Pond survey	R. Woodward
<b>Willow Flycatcher</b>				
08-08	3	Concord	Horseshoe Pond	R. Quinn
<b>Least Flycatcher</b>				
08-04	4	Sandwich	Diamond Ledge Rd.	T. Vazzano
08-17	1	Dover	Stafford County Farm	D. Hubbard
08-30	4	Rochester	Pickering Ponds	D. Hubbard
08-31	1	Rye	White & Seavey Is., Isles of Shoals	M. & D. Hayward
09-26	1	Concord	Snow Pond powerlines	P. Brown
10-01	1	Concord	Contoocook Island	P. Hunt
<b>Eastern Phoebe</b>				
08-06	15	Sandwich	Red Hill Pond	T. Vazzano, R. Ridgely
09-25	14	Surry	Surry town	L. Tanino, K. Klapper
09-29	14	Rochester	Pickering Ponds	D. Hubbard
11-01	1	S. Hampton	Brookside WS	T. Bronson
11-01	1	E. Kingston	South Rd	D. Finch
<b>Great Crested Flycatcher</b>				
08-10	2	Kensington	Rt. 107 residence	G. Gavutis Jr.
08-21	2	Fremont	Ingalls Lane	T. Bronson, N. Nelson
08-27	1	Concord	Turkey Pond survey	R. Woodward
09-08	1	Rochester	Pickering Ponds	D. Hubbard
<b>Eastern Kingbird</b>				
08-13	23	Concord	Turkey Pond survey	R. Woodward
08-16	15	Brentwood	Brentwood Mitigation Area	T. Bronson, L. Deming
09-05	1	Concord	Contoocook Island	P. Hunt
<b>Fork-tailed Flycatcher</b>				
11-18	1	Rye	Odiorne Pt. St. Pk.	A. Keitt, M. Krenitsky, N. Swanberg, T. Kent, NHA Mascoma Chapter FT
11-19	1	Rye	s. end of Odiorne Pt. St. Pk.	S. & J. Mirick, et al.
11-20	1	Rye	s. end of Odiorne Pt. St. Pk.	S. Mirick, et al.



*Northern Shrike by Iain MacLeod,  
11/12/06, Hillsboro, NH.*

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Northern Shrike</b>				
11-05	1	Hillsborough	Windsor Road	I. MacLeod
11-09	1	Springfield	Old Croydon Rd.	B. Waddell
11-10	1	Concord	Birch St. gardens off Clinton St.	R. Suomala
11-12	1	Peterborough	Fremont Field conservation land	F. Von Mertens
11-16	1	Fremont	powerline at South Rd.	T. Bronson
11-18	1	Whitefield	Whitefield Airport	D. & K. Govatski
11-24	1	Sandwich	Whiteface Intervale	T. Vazzano
11-27	1	Kensington	Phillips-Exeter Academy fields, Drinkwater Rd.	P. Brown, UNH FT
11-28	1	Fremont	Martin Rd.	T. Bronson
<b>Yellow-throated Vireo</b>				
08-18	1	Boscawen	Eel St.	P. Hunt
09-06	1	Rumney	Baker R.	J. Williams
09-29	1	Rochester	Pickering Ponds	D. Hubbard
<b>Blue-headed Vireo</b>				
09-22	4	Chester	Hillside Haven	A. & B. Delorey
09-24	8	Concord	Penacook bird survey	P. Hunt
10-04	5	Chester	Hillside Haven	A. & B. Delorey
10-05	4	Fremont	rail trail, North Rd. to Martin Rd.	T. Bronson
10-15	5	Rye	Odiorne Point St. Pk.	S. & J. Mirick
10-15	2	New London	Esther Currier WMA	P. Newbern
10-15	2	Concord	Penacook bird survey	P. Hunt
10-28	1	Concord	South End Marsh	R. Quinn
<b>Warbling Vireo</b>				
09-08	5	Rochester	Pickering Ponds	D. Hubbard
09-09	3	Brentwood	Brentwood Mitigation Area	T. Bronson, NHA Chapter FT
09-16	2	Concord	Horseshoe Pond	M. & R. Suomala
09-17	2	Boscawen	mouth of Contoocook R.	P. Hunt
10-03	2	Chester	Hillside Haven	A. & B. Delorey
10-15	1	Rye	Odiorne Point St. Pk.	S. & J. Mirick
<b>Philadelphia Vireo</b>				
08-30	1	Rochester	Pickering Ponds	D. Hubbard
09-07	1	Concord	Snow Pond powerlines	P. Brown
09-09	1	Brentwood	Brentwood Mitigation Area	T. Bronson, NHA Chapter FT
09-10	1	Milton		P. Watts
09-11	1	Rochester	Pickering Ponds	D. Hubbard
09-16	1	Lyman	Dodge Pond	S. & M. Turner
09-16	1	Whitefield	Pondicherry NWR	D. Hubbard
09-17	1	Concord	Bog Rd.	P. Hunt
09-30	1	Concord	Horseshoe Pond	R. Quinn



*Philadelphia Vireo by Pat Watts, 9/10/06, Milton, NH.*

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Red-eyed Vireo</b>				
09-09	10	Concord	Penacook bird survey	P. Hunt
09-16	10	Concord	Horseshoe Pond	M. & R. Suomala
10-08	1	Nashua	Deerhaven Dr.	R. Andrews
10-11	1	Rochester	Ten Rod Rd. residence	D. Hubbard
10-15	4	Rye	Odiorne Point St. Pk.	S. & J. Mirick
<b>Gray Jay</b>				
08-05	3	T & M Purchase	Caps Ridge Trail	D. & K. Govatski
08-27	2	Pittsburg	East Inlet road	D. Govatski
08-27	2	Pittsburg	Deer Mtn. campground	D. & K. Govatski
09-25	4	Pittsburg	Ramblewood Campground	J. Connolly, F. Tyrrell
11-03	1	Errol	Mountain Pond Rd. & Eames Rd.	G. Gavutis Jr.
11-10	10	Pittsburg	Rt. 3 n. of Pittsburg	D. Mallion, D. Govatski
11-21	2	Lincoln	Shoal Pond	D. Govatski
<b>Fish Crow</b>				
08-05	1	Derry	Hannaford's Plaza	A. & B. Delorey
08-18	6	Salem	MA state line	G. Gavutis
08-18	7	Concord	Thirty Pines, Penacook	P. Hunt
09-20	4	Concord	Horseshoe Pond	R. Quinn, E. Masterson
09-28	10	Concord	Fort Eddy Road	S. Mirick
10-22	1	Durham	Rt. 155A (Moore) fields	S. & J. Mirick
<b>Common Raven</b>				
08-16	2	Rochester	Pickering Ponds	D. Hubbard
09-04	2	Durham	Rt. 155A (Moore) fields	S. & J. Mirick
10-05	3	Gilmanton	Loon Pond Rd.	J. Stockwell
10-18	2	Surry	Surry town	L. Tanino
10-19	40	Peterborough	Pack Monadnock	L. Tanino, J. Tilden, R. Ashmead
11-23	2	Dover	Bellamy River WMA	R. & M. Suomala
11-24	2	Newmarket	Wiggin Farm/Tuttle Swamp CA	T. Bronson

## Horned Lark through Warblers



*Northern Wheatear by Mark Suomala, 9/14/06, Salem, NH.*

**A**n unidentified swallow on November 19 at Odiorne Point State Park may have been a Cave Swallow; however, sufficient details could not be seen and there were conflicting opinions to its identity. A Tree Swallow was more easily identified later in the day a few miles further south.

Unusually large numbers of Northern Wheatears were reported from the eastern United States during the fall of 2006 and two of these were from New Hampshire. Depending on the NH Rare Birds Committee's rulings, these represent the fifth and sixth state records. Interestingly, the bird in Salem frequented the flat gravel rooftops of retail buildings near a commercial area of Rt. 28. A Swainson's Thrush on November 1 is one of only a few November records for the state.



Five Yellow-breasted Chats, four Orange-crowned Warblers, and two Connecticut Warblers are all above average counts for these rare fall migrants. Two different Cape May Warblers lingered very late in the season coincidentally at the exact same location in Rye. The first was discovered on October 26 and remained until November 15. The second, a less colorful immature female, was spotted a few days later and continued into the winter season. They frequented the same pond in Rye, although their dates did not overlap.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Horned Lark</b>				
11-04	18	Hillsborough	Windsor Road	I. MacLeod
11-05	3	Sandwich	fairgrounds	T. Vazzano
11-11	40	Durham	Rt. 155A (Moore) fields	T. Bronson, NHA Capital Chapter FT
11-11	8	Hancock	Antrim Road	E. Masterson
11-18	120	Concord	Morrill's Farm	P. Brown, NHA FT
11-21	20	Hampton	Hampton Beach St. Pk.	T. Bronson
11-27	5	Rochester	wastewater treatment plant	D. Hubbard
<b>Purple Martin</b>				
08-23	1	Kensington	Rt. 107 residence	G. Gavutis Jr.
09-02	1	Rye	Brackett Road	S.& J. Mirick
<b>Tree Swallow</b>				
08-12	5000	Seabrook	dunes by Fantini's Restaurant	S.& J. Mirick
08-23	155	Fremont	Martin Rd.	T. Bronson
09-23	100	Exeter	wastewater treatment plant	R. Suomala, R. Woodward
10-18	15	Hampton	Hampton Beach St. Pk.	D. Donsker, S. Young
11-19	1	Rye	Jeness Beach	S.& J. Mirick
<b>Bank Swallow</b>				
08-13	100	Plainfield	Connecticut R. s. of Sumners Falls	P. Hunt, N. Swanberg
08-22	10	Kensington	Rt. 107 residence	G. Gavutis Jr.
08-25	10	Exeter	wastewater treatment plant	T. Bronson
<b>Barn Swallow</b>				
08-21	26	Fremont	Martin Rd.	T. Bronson
08-25	30	Exeter	wastewater treatment plant	T. Bronson
08-30	30	Rochester	Pickering Ponds	D. Hubbard
09-05	3	Concord	Penacook bird survey	P. Hunt
09-11	2	Rochester	Pickering Ponds	D. Hubbard
09-25	5	Exeter	wastewater treatment plant	P. Brown
<b>Swallow sp.</b>				
11-19	1	Rye	Odiorne Point St. Pk.	S.& J. Mirick, R. Suomala
<b>Boreal Chickadee</b>				
08-05	15	T & M Purchase	Caps Ridge Trail	D.& K. Govatski
08-13	18	Beans Grant	Tuckerman Ravine Trail	D. Govatski, C. Bretton
08-27	15	Pittsburg	Norton Pool	D.& K. Govatski
11-10	3	Clarksville	Hurlburt Swamp	D. Mallion, D. Govatski
11-21	3	Lincoln	Shoal Pond	D. Govatski
11-24	28	Beans Grant	Mt. Pierce, Crawford Path, Mizpah Cut-off, Webster Cliff trails	D. Govatski
11-26	11	Lincoln	Shoal Pond	D.& K. Govatski

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Carolina Wren</b>				
08-03	2	Rochester	residence, Ten Rod Rd.	D. Hubbard
08-06	2	Concord	Burrough Rd.	P. Hunt
08-06	1	E. Kingston	South Rd	D. Finch
08-13	1	Gilsum	Hammond Hollow Rd.	M. Wright
08-18	1	Kensington	Rt. 107 residence	G. Gavutis Jr.
08-20	1	Nashua	Clovercrest Dr.	B. Harris
09-12	2	New Castle	River Road	P. Brown
09-16	1	Charlestown	boat launch near wastewater treatment plant	P. Hunt
10-23	1	Concord	Horseshoe Pond	E. Masterson
10-31	1	Concord	Locke Rd. extension fields	M. Suomala
11-04	1	Laconia	Holman St.	L. Beamn
11-06	2	Concord	Fowler St./Contoocook Is., Penacook	P. Hunt
11-10	1	Concord	South St. by South End Marsh	R. & M. Suomala
11-10	1	Nashua	Cherry St.	B. & J. Ayer
11-11	3		NH coast	S. & J. Mirick, D. Abbott

**House Wren**

10-05	1	Fremont	rail trail, North Rd. to Martin Rd.	T. Bronson
10-16	1	Rochester	Pickering Ponds	D. Hubbard

**Winter Wren**

09-27	9	Concord	Snow Pond powerlines	P. Brown
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**Marsh Wren**

10-04	1	Stratham	Jewell Hill Brook marshes	G. Gavutis Jr.
11-11	1	Rye	Odiorne Point St. Pk.	S. & J. Mirick, D. Abbott
11-11	1	Hampton	near Meadow Pond	S. & J. Mirick, D. Abbott

*Golden-crowned Kinglet by Pat Watts.***Golden-crowned Kinglet**

09-25	1	Rye	Odiorne Pt. St. Pk.	D. Donsker
10-03	10	Chester	Hillside Haven	A. & B. Delorey
10-22	22	Concord	Penacook bird survey	P. Hunt
10-25	12	Bethlehem	Zealand Notch Rd., WMNF	J. Williams
10-31	8	Tuftonboro	Copps Pond	T. Vazzano
11-19	5	Gilsum	Hammond Hollow Rd.	M. Wright
11-22	5	Brentwood	Brentwood Mitigation Area	T. Bronson
11-26	13	Concord	Penacook bird survey	P. Hunt

**Ruby-crowned Kinglet**

09-27	10	Chester	Hillside Haven	A. & B. Delorey
09-27	80	Concord	Snow Pond powerlines	P. Brown
10-05	30	Chester	Hillside Haven	A. & B. Delorey
10-12	15	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-15	12	Concord	Penacook bird survey	P. Hunt
10-19	12	Rochester	Pickering Ponds	D. Hubbard
11-22	4	Brentwood	Brentwood Mitigation Area	T. Bronson
11-25	1	Rye	Myrica Avenue	S. & J. Mirick
11-26	1	Rochester	Ten Rod Rd. residence	D. Hubbard

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Blue-gray Gnatcatcher</b>				
08-11	1	E. Kingston	South Rd	D. Finch
08-18	1	Concord	Goodwin Point	P. Hunt
08-28	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
08-30	1	Rochester	Pickering Ponds	D. Hubbard
<b>Northern Wheatear</b>				
09-12	1	Salem	K-Mart store	M. Coskren
09-13	1	Salem	K-Mart store	T. Bronson
09-14	1	Salem	Rt. 28 & Veterans Mem. Pkwy at Toys R Us & roof of retail buildings	S.& J. Mirick, M. Suomala, D. Donsker
09-16	1	Rye	marshes w. of Rt. 1A wooden bridge	D. Abbott, S.& J. Mirick, J. O'Shaughnessy, et al.
<b>Eastern Bluebird</b>				
10-19	14	Sandwich	Foss Flats Rd.	J. Allen
11-11	16	Surry	Surry town	L. Tanino
11-15	24	Chester	Candia Rd.	B. Folsom
11-18	10	Concord	Horseshoe Pond	M.& R. Suomala
11-22	11	Brentwood	Brentwood Mitigation Area	T. Bronson
<b>Veery</b>				
08-27	10	Concord	Turkey Pond survey	R. Woodward
09-26	1	Candia	powerline at rail trail	T. Bronson
<b>Swainson's Thrush</b>				
08-18	1	Concord	Fowler St.	P. Hunt
09-18	2	Antrim	de Pierrefeu-Willard Pond WS	T. Bronson, D. Hubbard, M. Pachomski
10-01	2	Concord	Contoocook Island	P. Hunt
10-16	3	Chester	Hillside Haven	A.& B. Delorey
11-01	1	S. Hampton	Brookside WS	T. Bronson
<b>Hermit Thrush</b>				
10-14	7	Concord	Turkey Pond survey	R. Woodward
10-15	6	Concord	Sewall's Falls	P. Hunt
10-24	6	Rye	Odiorne Point St. Pk.	S. Mirick
10-30	9	Bethlehem	Zealand Rd., WMNF	J. Williams, J. Mosher
11-24	2	Kensington	Rt. 107 residence	G. Gavutis Jr.
<b>Wood Thrush</b>				
09-12	1	Gilsum	Hammond Hollow Rd.	M. Wright
09-18	1	Chichester	Smith Sanborn Rd.	R. Suomala
10-16	1	Chester	Hillside Haven	A.& B. Delorey
<b>American Robin</b>				
08-25	100	Bedford	Beals Rd.	J. Munier, D. Fitch
09-20	300	Concord	South End Marsh	R. Quinn
10-12	120	Epsom	Post Office, Rt. 128	R. Suomala
10-18	100	Kensington	residence	G. Gavutis Jr.
11-14	300	Kensington	Green Rd.	T. Bronson
<b>Gray Catbird</b>				
08-06	11	Concord	Penacook bird survey	P. Hunt
08-27	19	Concord	Turkey Pond survey	R. Woodward
08-29	8	Kensington	Rt. 107 residence	G. Gavutis Jr.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Gray Catbird—continued</b>				
09-10	7	Concord	Snow Pond powerlines	P. Brown
09-14	10	Chester	Hillside Haven	A. & B. Delorey
09-16	11	Brentwood	Brentwood Mitigation Area	T. Bronson
09-23	8	Exeter	wastewater treatment plant	R. Suomala, R. Woodward
10-16	1	Rochester	Pickering Ponds	D. Hubbard
10-31	1	Chester	Hillside Haven	A. & B. Delorey
<b>Brown Thrasher</b>				
09-12	1	Concord	Snow Pond powerlines	P. Brown
09-15	1	Concord	Bog Rd.	P. Hunt
09-25	1	Newfields	rail trail w. of Ash Swamp Rd.	T. Bronson
09-27	1	Rochester	Pickering Ponds	D. Hubbard
09-30	1	Rochester	Ten Rod Rd. residence	D. Hubbard
<b>American Pipit</b>				
09-01	7	T & M Purchase	Gulfside Trail, Mt. Washington	D. Govatski, P. & D. Hines
09-30	2	Seabrook	Yankee Fisherman's Coop	S. & J. Mirick
10-05	15	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-06	100	Conway	E. Conway Rd. fields	T. Vazzano, B. Crowley, R. Ridgely
10-15	32	Concord	Morrill's Farm, Penacook	P. Hunt
10-21	10	Exeter	wastewater treatment plant	E. Masterson, J. Hills
10-22	15	Concord	Turkey Pond survey	R. Woodward
10-25	75	Durham	Rt. 155A (Moore) fields	P. Brown
11-18	2	Concord	Horseshoe Pond	M. & R. Suomala
11-20	1	Rye	Awcomin Marsh	I. MacLeod, H. Galbraith
<b>Cedar Waxwing</b>				
10-25	100	Concord	Turtle Pond	R. Quinn
11-14	82	Kingston	Green Rd.	T. Bronson
11-16	125	Greenland	Tidewater Farm Rd.	T. Bronson
11-22	62	Brentwood	Brentwood Mitigation Area	T. Bronson
11-26	50	Bethlehem	Zealand Pond	D. & K. Govatski
<b>Blue-winged Warbler</b>				
08-27	1	E. Kingston	South Rd.	D. Finch
09-09	2	Brentwood	Brentwood Mitigation Area	T. Bronson, NHA Chapter FT
<b>Tennessee Warbler</b>				
08-18	1	Gilmanton	Currier Hill Rd.	J. Stockwell
09-09	2	Concord	Penacook bird survey	P. Hunt
09-27	1	Concord	Snow Pond powerlines	P. Brown
<b>Orange-crowned Warbler</b>				
10-27	1	Concord	Horseshoe Pond	P. Brown
11-20	1	Rye	Odiorne Point St. Pk.	I. MacLeod, H. Galbraith
11-25	1	Greenland	off Newington Road	S. & J. Mirick
11-25	1	N. Hampton	Rt. 111 & Woodland Rd.	S. & J. Mirick
<b>Nashville Warbler</b>				
08-06	1	Exeter	Commerce Way swamp	T. Bronson
09-25	3	Surry	Surry town	L. Tanino, K. Klapper
09-25	5	Rochester	Pickering Ponds	D. Hubbard
09-27	3	Brentwood	Brentwood Mitigation Area	T. Bronson
10-02	10	Concord	Snow Pond powerlines	P. Brown

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
10-06	1	Auburn	Rt. 121 at Town Hall	T. Bronson
10-14	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-15	1	Rye	Odiorne Point St. Pk.	S. & J. Mirick
<b>Northern Parula</b>				
09-16	3	Whitefield	Pondicherry NWR	D. Hubbard
09-22	4	Chester	Hillside Haven	A. & B. Delorey
09-27	6	Brentwood	Brentwood Mitigation Area	T. Bronson
10-03	3	Chester	Hillside Haven	A. & B. Delorey
10-03	1	Rochester	Ten Rod Rd. residence	D. Hubbard
<b>Yellow Warbler</b>				
08-08	5	Concord	Horseshoe Pond	R. Quinn
08-30	3	Rochester	Pickering Ponds	D. Hubbard
09-23	2	Exeter	wastewater treatment plant	R. Suomala, R. Woodward
09-25	1	Rye	Odiorne Pt. St. Pk.	D. Donsker
10-15	1	Hampton	off Island Path	S. & J. Mirick
<b>Chestnut-sided Warbler</b>				
08-04	6	Sandwich	Diamond Ledge Rd.	T. Vazzano
08-06	3	Concord	Turkey Pond survey	R. Woodward
09-17	4	Concord	Penacook bird survey	P. Hunt
09-22	1	Newbury	Ramblewood Cir. residence	P. Newbern
09-25	1	Rochester	Ten Rod Rd. residence	D. Hubbard
<b>Magnolia Warbler</b>				
09-17	7	Concord	Penacook bird survey	P. Hunt
09-20	5	Concord	Horseshoe Pond	R. Quinn
10-05	1	Nashua	Deerhaven Dr.	R. Andrews
10-07	1	Rye	Odiorne Point St. Pk.	S. Mirick, NHA FT
10-21	1	Rye	Odiorne Point St. Pk.	E. Masterson, J. Hills, S. & J. Mirick
<b>Cape May Warbler</b>				
09-17	1	Concord	Bog Rd.	P. Hunt
09-19	1	Lyman	Dodge Pond	S. & M. Turner
09-22	1	Chester	Hillside Haven	A. Delorey
10-03	1	Lyme	River Rd.	J. Williams
10-26	1	Rye	Myrica Ave.	M. Iliff
10-29	1	Rye	Myrica Ave.	S. & J. Mirick
11-15	1	Rye	Myrica Ave.	S. Mirick
11-19	1	Rye	Myrica Ave.	S. & J. Mirick
11-27	1	Rye	Myrica Ave.	T. Bronson
<b>Black-throated Blue Warbler</b>				
10-09	1	Rumney	Buffalo Rd. residence	J. Williams
10-15	1	Rye	Odiorne Point St. Pk.	S. & J. Mirick
10-19	1	Chester	Hillside Haven	A. Delorey
11-05	1	Hollis	Woodmont Orchard	R. Andrews
<b>Yellow-rumped Warbler</b>				
09-25	35	Surry	Surry town	L. Tanino, K. Klapper
10-06	25	Rochester	Pickering Ponds	D. Hubbard
10-08	55	Concord	Turkey Pond survey	R. Woodward
10-11	40	Keene	Old Arch Bridge/American Legion bldg., Court St.	L. Tanino

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Yellow-rumped Warbler—continued</b>				
10-11	45	Concord	Snow Pond powerlines	P. Brown
10-15	37	Concord	Penacook bird survey	P. Hunt
10-24	42	Brentwood	Brentwood Mitigation Area	T. Bronson
11-26	1	Rochester	Pickering Ponds	D. Hubbard
<b>Black-throated Green Warbler</b>				
09-05	7	Concord	Penacook bird survey	P. Hunt
09-10	5	Deerfield	Great Brook Trail	T. Bronson
09-16	6	Whitefield	Pondicherry NWR	D. Hubbard
09-18	17	Antrim	de Pierrefeu-Willard Pond WS	T. Bronson, D. Hubbard, M. Pachomski
09-25	5	Rye	Odiome Pt. St. Pk.	D. Donsker
09-25	7	Rochester	Pickering Ponds	D. Hubbard
10-12	1	Rochester	Ten Rod Rd. residence	D. Hubbard
10-14	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-15	2	Hampton	off Island Path	S. & J. Mirick
10-15	1	Concord	Penacook bird survey	P. Hunt
10-29	1	Holderness	US Forest Service office	J. Williams
10-31	1	Hancock	Antrim Rd.	E. Masterson
11-04	1	Rye	Myrica Avenue	S. & J. Mirick
11-04	1	Hampton	Butternut Hollow	S. & J. Mirick
<b>Blackburnian Warbler</b>				
09-25	1	Surry	Surry town	L. Tanino, K. Klapper
<b>Pine Warbler</b>				
09-09	8	Concord	Penacook bird survey	P. Hunt
09-25	8	Fremont	Martin Rd.	T. Bronson
09-26	5	Swanzy	Dillant-Hopkins Airport	L. Tanino
10-03	1	Lyme	River Rd.	J. Williams
10-12	1	Sandwich	Diamond Ledge Rd.	T. Vazzano
10-29	1	Rye	Odiome Point St. Pk.	S. & J. Mirick
<b>Prairie Warbler</b>				
08-26	1	Concord	River Rd., Penacook	P. Hunt
09-08	1	Rochester	Pickering Ponds	D. Hubbard
09-09	6	Brentwood	Brentwood Mitigation Area	T. Bronson, NHA Chapter FT
09-27	2	Brentwood	Brentwood Mitigation Area	T. Bronson
<b>Palm Warbler</b>				
08-12	3	Errol	Greenough Pond Rd.	R. Quinn
09-16	2	Whitefield	Pondicherry NWR	D. Hubbard
09-17	1	Concord	Penacook bird survey	P. Hunt
09-24	7	Concord	Bog Rd.	P. Hunt
10-05	7	Fremont	Rail trail, North Rd. to Martin Rd.	T. Bronson
10-09	8	Plymouth	old fairgrounds	J. Williams
11-10	1	Concord	Morrill's Farm, Penacook	P. Hunt
11-24	1	E. Kingston	South Rd.	D. Finch
<b>Bay-breasted Warbler</b>				
09-17	1	Concord	Bog Rd.	P. Hunt
09-21	1	Sandwich	Thompson WS	P. Brown

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Blackpoll Warbler</b>				
08-05	20	T & M Purchase	Caps Ridge Tr.	D. & K. Govatski
08-13	13	Beans Grant	Tuckerman Ravine Tr.	D. Govatski, C. Bretton
09-07	10	Concord	Snow Pond powerlines	P. Brown
09-10	28	Concord	Penacook bird survey	P. Hunt
09-17	20	Brentwood	Brentwood Mitigation Area	A. & G. Prazar
09-25	8	Rochester	Pickering Ponds	D. Hubbard
10-15	15	Rye	Odiorne Point St. Pk.	S. & J. Mirick
10-21	4	Rye	Odiorne Point St. Pk.	E. Masterson, J. Hills, S. & J. Mirick
10-21	6	Rye	Odiorne Point St. Pk.	S. & J. Mirick
<b>Black-and-white Warbler</b>				
08-26	8	Concord	Penacook bird survey	P. Hunt
09-04	3	Tamworth	Tall Pines Rd.	J. Tewksbury
09-30	1	Concord	Penacook bird survey	P. Hunt
10-03	3	Chester	Hillside Haven	A. & B. Delorey
<b>American Redstart</b>				
08-26	9	Concord	Bog Rd.	P. Hunt
08-30	6	Rochester	Pickering Ponds	D. Hubbard
09-22	4	Chester	Hillside Haven	A. & B. Delorey
10-15	2	Rye	Odiorne Point St. Pk.	S. & J. Mirick
<b>Ovenbird</b>				
09-09	3	Concord	Bog Rd.	P. Hunt
10-28	1	Concord	South End Marsh	R. Quinn
<b>Northern Waterthrush</b>				
08-12	2	Concord	Bog Rd.	P. Hunt
09-29	1	Rochester	Pickering Ponds	D. Hubbard
<b>Louisiana Waterthrush</b>				
08-05	1	Nottingham	below Drown Dam, Pawtuckaway Lake	P. Hunt, M. Reinhardt
<b>Connecticut Warbler</b>				
09-27	1	Brentwood	Brentwood Mitigation Area	T. Bronson
09-28	1	Nottingham	Mulligan Forest	S. Young
<b>Mourning Warbler</b>				
08-06	1	Concord	Bog Rd.	P. Hunt
10-02	1	Portsmouth	Urban Forestry Center	T. Bronson, D. Hubbard
<b>Common Yellowthroat</b>				
08-27	14	Concord	Turkey Pond survey	R. Woodward
09-09	7	Concord	Penacook bird survey	P. Hunt
09-10	13	Concord	Snow Pond powerlines	P. Brown
09-23	10	Exeter	wastewater treatment plant	R. Suomala, R. Woodward
09-27	8	Brentwood	Brentwood Mitigation Area	T. Bronson
10-04	8	Chester	Hillside Haven	A. & B. Delorey
11-25	1	Hampton	near Meadow Pond	S. & J. Mirick
11-25	1	Greenland	off Newington Road	S. & J. Mirick
<b>Wilson's Warbler</b>				
08-15	1	Sutton	Birch Hill Rd.	C. House, E. Derloth

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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*Canada Warbler by Pat Watts, 9/1/06, Milton, NH.*

**Canada Warbler**

08-16	1	Brentwood	Brentwood Mitigation Area	T. Bronson, L. Deming
09-01	1	Milton		P. Watts
09-10	1	Concord	Bog Rd.	P. Hunt
09-11	1	Rochester	Pickering Ponds	D. Hubbard

**Yellow-breasted Chat**

08-23	2	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward
10-05	1	Grafton	Slab City Rd., 1 mi. s. of Rt. 4	R. Blair, K. Meyers
11-05	1	Rye	Odiorne Point St. Pk.	S. & J. Mirick, BBC FT

## Tanagers through Finches

Ten "Ipswich" Sparrows on November 5 is a high total for this coastal race of the Savannah Sparrow, and 150 American Tree Sparrows was a very large flock from Concord in early November. Seventeen Lapland Longspurs is the highest total from the state in many years and a very early Snow Bunting was located in the alpine tundra on Mt. Monroe on August 31, nearly two months earlier than the next sighting for the fall! Thirty Indigo Buntings and 100 Bobolinks are both high concentrations for these migrants.

White-winged Crossbills and Pine Siskins were reported in above average numbers; however, almost all of the reports were from northern parts of the state. Evening Grosbeak continues to be an elusive species in the state and our "state bird," the Purple Finch, was only recorded from a few locations and in small numbers. Except for one flock of birds in Errol, Common Redpolls went totally unreported for the fall.

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
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**Scarlet Tanager**

09-16	4	Concord	Horseshoe Pond	M. & R. Suomala
09-29	2	Rochester	Ten Rod Rd. residence	D. Hubbard
10-01	4	Concord	Contoocook Island	P. Hunt

**Eastern Towhee**

09-26	13	Concord	Snow Pond powerlines	P. Brown
09-27	5	Brentwood	Brentwood Mitigation Area	T. Bronson
10-29	1	Rye	off Rt. 1A	S. & J. Mirick

**American Tree Sparrow**

10-24	1	Concord	PO fields, Loudon Rd.	M. Suomala
10-25	5	Bethlehem	Zealand Notch Rd., WMNF	J. Williams
11-04	150	Concord	PO fields, Loudon Rd.	R. & M. Suomala, R. Quinn
11-11	40	Concord	Chenell Dr.	R. & M. Suomala
11-12	13	Rochester	Pickering Ponds	D. Hubbard



<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Chipping Sparrow</b>				
09-25	40	Surry	Surry town	L. Tanino, K. Klapper
09-30	87	Concord	Penacook bird survey	P. Hunt
10-08	30	Rumney	vacant lot on Rt. 25	J. Williams
10-20	23	Rochester	Ten Rod Rd. residence	D. Hubbard
11-11	1	Concord	Mill Stream area	R. Suomala
11-12	1	Concord	Shaker Road	P. Brown
11-14	9	Exeter	Washington St.	R. Aaronian
11-20	1	Rye	Odiorne Point St. Pk.	I. MacLeod, H. Galbraith
<b>Field Sparrow</b>				
09-27	1	Brentwood	Brentwood Mitigation Area	T. Bronson
10-27	1	Concord	Post Office fields	E. Masterson
11-04	1	Concord	Locke Rd. sod farm	M. Suomala, R. Quinn
11-11	1	Concord	Chenell Dr.	R. & M. Suomala
11-22	1	Brentwood	Brentwood Mitigation Area	T. Bronson
<b>Vesper Sparrow</b>				
10-08	2	Rumney	vacant lot on Rt. 25	J. Williams
10-22	1	Newington	Pease Industrial Park	S. & J. Mirick
10-23	1	Rochester	wastewater treatment plant	E. Masterson
<b>Savannah Sparrow</b>				
09-16	50	Concord	Horseshoe Pond	M. & R. Suomala
10-06	75	Conway	E. Conway Rd. fields	T. Vazzano, B. Crowley, R. Ridgely
10-14	50	Concord	Horseshoe Pond	P. Brown
10-22	70	Durham	Rt. 155A (Moore) fields	S. & J. Mirick
10-24	100	Concord	PO fields, Loudon Rd.	M. Suomala
11-18	3	Concord	Horseshoe Pond	P. Brown, Capital Chapter FT
<b>Savannah Sparrow - Ipswich subsp.</b>				
11-02	3	Rye	Rye Harbor St. Pk.	D. Hubbard
11-05	10	Hampton	NH coast	S. & J. Mirick, BBC FT
<b>Grasshopper Sparrow</b>				
08-10	2	Manchester	Manchester landfill	S. Brown
08-21	1	Swanzey	near Dillant-Hopkins Airport	P. Newbern
<b>Nelson's Sharp-tailed Sparrow</b>				
09-03	1	Rye	marsh s. of Odiorne Point	S. Mirick
10-22	3	Hampton	Hampton marshes	S. & J. Mirick
10-28	1	Seabrook	Cross Beach Road	S. & J. Mirick
<b>Saltmarsh Sharp-tailed Sparrow</b>				
08-08	4	Hampton	Landing Road pools	S. Mirick
10-22	3	Hampton	Hampton marshes	S. & J. Mirick
<b>Sharp-tailed Sparrow sp.</b>				
08-12	1	Rye	White & Seavey Is., Isles of Shoals	J. Derrick et al.
08-23	1	Rye	White & Seavey Is., Isles of Shoals	D. & M. Hayward
<b>Fox Sparrow</b>				
10-24	1	Canterbury	Baptist Hill Rd.	R. Quinn
10-28	1	Jefferson	Rt. 116 residence	D. Govatski
10-30	1	Bethlehem	Zealand Rd., WMNF	J. Williams

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Fox Sparrow—continued</b>				
10-31	1	Chester	Hillside Haven	A. Delorey
11-04	1	N. Hampton	Rt. 111 & Woodland Rd.	S. & J. Mirick
11-05	1	Sullivan	Ellis Sanctuary (TNC)	M. Suomala, et al.
11-07	2	Chester	Hillside Haven	A. Delorey
11-11	1	Surry	Old Dort Rd.	L. Tanino
<b>Song Sparrow</b>				
10-09	35	Rochester	Pickering Ponds	D. Hubbard
10-15	43	Concord	Morrill's Farm, Penacook	P. Hunt
10-22	90	Durham	Rt. 155A (Moore) fields	S. & J. Mirick
10-24	100	Concord	PO fields, Loudon Rd.	M. Suomala
<b>Lincoln's Sparrow</b>				
09-08	2	Concord	Birch St. gardens off Clinton St.	M. Suomala
09-20	2	Concord	Horseshoe Pond	R. Quinn
09-22	2	Chester	Hillside Haven	A. & B. Delorey
09-24	3	Concord	Thirty Pines. Penacook	P. Hunt
09-25	3	Rochester	Pickering Ponds	D. Hubbard
10-02	4	Concord	Snow Pond powerlines	P. Brown
10-05	3	Chester	Hillside Haven	A. & B. Delorey
10-06	4	Conway	E. Conway Rd. fields	T. Vazzano, B. Crowley, R. Ridgely
10-07	5	Durham	Rt. 155A (Moore) fields	S. & J. Mirick
10-22	3	Durham	Rt. 155A (Moore) fields	S. & J. Mirick
<b>Swamp Sparrow</b>				
10-15	13	Concord	Morrill's Farm, Penacook	P. Hunt
11-04	10	Concord	Locke Rd. sod farm	M. Suomala, R. Quinn
11-04	10	Concord	PO fields, Loudon Rd.	R. Quinn, M. Suomala
11-22	1	Rye	Odiorne Point St. Pk.	E. Masterson, D. Abbott
<b>White-throated Sparrow</b>				
09-27	100	Concord	Snow Pond powerlines	P. Brown
10-03	70	Chester	Hillside Haven	A. & B. Delorey
10-05	17	Fremont	rail trail, North Rd. to Martin Rd.	T. Bronson
10-15	59	Concord	Penacook bird survey	P. Hunt
10-16	50	Chester	Hillside Haven	A. & B. Delorey
10-19	25	Rochester	Pickering Ponds	D. Hubbard
10-24	4	Brentwood	Brentwood Mitigation Area	T. Bronson
10-24	100	Concord	PO fields, Loudon Rd.	M. Suomala
<b>White-crowned Sparrow</b>				
09-27	1	Rochester	Pickering Ponds	D. Hubbard
09-30	1	Greenland	Sunset Farm	S. & J. Mirick
10-02	3	Concord	Snow Pond powerlines	P. Brown
10-04	4	Chester	Hillside Haven	A. & B. Delorey
10-07	5	Candia	powerline at rail trail	T. Bronson, Capital Chapter FT
10-07	9	Durham	Rt. 155A (Moore) fields	S. & J. Mirick
10-15	5	Concord	Morrill's Farm, Penacook	P. Hunt
11-02	1	E. Kingston	South Rd.	D. Finch
<b>Dark-eyed Junco</b>				
10-25	70	Bethlehem	Zealand Notch Rd., WMNF	J. Williams
10-30	190	Bethlehem	Zealand Rd., WMNF	J. Williams

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
11-06	100	Surry	Surry Lake Recreation Area	L. Tanino
11-11	80	Concord	Chenell Dr.	R. & M. Suomala
11-11	83	Concord	Penacook bird survey	P. Hunt

**Lapland Longspur**

10-15	7	Hampton	Hampton Beach St. Pk.	S. & J. Mirick
10-27	17	Hampton	Hampton Beach St. Pk.	S. Mirick
10-29	8	Hampton	n. end of Hampton/Seabrook bridge	T. Bronson
11-09	5	Rye	Ragged Neck	T. Bronson
11-18	3	Concord	Morrill's Farm	P. Brown, NHA FT

**Snow Bunting**

08-31	1	Sargents Purchase	Mt. Monroe summit	G. Govatski, et al.
10-27	12	Belmont	Elm St., Laconia CC	H. Anderson
10-27	175	Hampton	Hampton Beach St. Pk.	S. Mirick
10-28	7	Sandwich	fairgrounds	T. Vazzano
10-28	13	Rye	Rye Harbor	T. Bronson
10-28	2	Whitefield	Whitefield Airport	D. Govatski
10-30	20	Swanzy	Dillant-Hopkins Airport, Aviation Dr.	L. Tanino
11-09	250	Hampton	Hampton Beach St. Pk.	T. Bronson, P. Chamberlain
11-11	21	Surry	Surry Lake Recreation Area	L. Tanino
11-13	8	Concord	Horseshoe Pond	E. Masterson

**Rose-breasted Grosbeak**

08-12	8	Kensington	Rt. 107 residence	G. Gavutis Jr.
09-24	1	Concord	Penacook bird survey	P. Hunt
09-29	1	Rochester	Pickering Ponds	D. Hubbard

**Indigo Bunting**

09-04	15	Stratham	Turnberry Lane fields	S. & J. Mirick
09-23	30	Keene	Krif Rd.	L. Tanino, K. Klapper
10-07	1	Durham	Rt. 155A (Moore) fields	S. & J. Mirick
10-07	1	Nashua	Millyard	R. Andrews
10-15	1	Boscawen	below Hannah Dustin parking lot	P. Hunt

**Dickcissel**

09-13	1	Croydon	residence	M. & L. Krenitsky
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**Bobolink**

08-27	100	Concord	Horseshoe Pond	E. Masterson
09-01	16	Concord	Snow Pond powerlines	P. Brown
10-06	2	Conway	E. Conway Rd. fields	T. Vazzano, B. Crowley, R. Ridgely
10-22	1	Durham	Rt. 155A (Moore) fields	S. & J. Mirick

**Red-winged Blackbird**

08-11	3000	Concord	South End Marsh	R. Quinn
09-20	680	Concord	South End Marsh	R. Quinn
10-21	100	Rochester	Pickering Ponds	D. Hubbard
10-24	100	Brentwood	Brentwood Mitigation Area	T. Bronson
10-31	160	Concord	Locke Rd. extension fields	M. Suomala

**Eastern Meadowlark**

08-31	10	Fremont	Martin Rd.	T. Bronson
11-09	4	Concord	Snow Pond powerlines	P. Brown, J. Tilden

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Rusty Blackbird</b>				
09-25	1	Rochester	Pickering Ponds	D. Hubbard
09-26	8	Fremont	Shirkin Rd. swamp	T. Bronson
10-08	20	Concord	residence	R. Woodward
10-09	4	Rochester	Pickering Ponds	D. Hubbard
10-12	12	Plymouth	Quincy Rd. cornfields	J. Williams
11-18	13	Concord	Morrill's Farm	P. Brown, NHA FT
<b>Common Grackle</b>				
08-11	260	Concord	South End Marsh	R. Quinn
08-23	1700	Hopkinton	Upper Straw Rd. residence	B. Source
08-30	1500	Hopkinton	Upper Straw Rd. residence	B. Source
10-07	5000	Candia	Emerson WS	T. Bronson, Capital Chapter FT
10-24	1000	Chester	Hillside Haven	A. & B. Delorey
<b>Brown-headed Cowbird</b>				
09-26	125	Nashua	by Pheasant Lane Mall exit, Daniel Webster Hwy.	B. & J. Ayer
<b>Orchard Oriole</b>				
08-05	1	Rochester	Pickering Ponds	D. Hubbard
<b>Baltimore Oriole</b>				
08-29	12	Kensington	Rt. 107 residence	G. Gavutis Jr.
10-22	3	Durham	Rt. 155A fields	S. & J. Mirick
10-25	1	Rochester	Pickering Ponds	S. Turner, M. Jones
11-17	1	Rochester	Ten Rod Rd. residence	D. Hubbard
<b>Blackbird sp.</b>				
09-01	900	Concord	Birch St. gardens off Clinton St.	R. Suomala
<b>Purple Finch</b>				
08-01	4	Gilsum	Hammond Hollow Rd.	M. Wright
08-03	7	Rochester	Ten Rod Rd. residence	D. Hubbard
10-08	6	Rumney	Berti's Christmas Tree Farm	J. Williams
11-03	3	Errol	Mountain Pond Rd.	G. Gavutis Jr.
<b>Red Crossbill</b>				
11-30	2	Sandwich	Thompson WS	P. Brown, C. Martin
<b>White-winged Crossbill</b>				
08-27	80	Pittsburg	East Inlet	D. & K. Govatski
08-31	4	T & M Purchase	Caps Ridge trail head	D. Govatski
10-27	2	Peterborough	Pack Monadnock	P. Brown
11-06	5	Holderness	Squam Lakes Nat. Science Ctr.	I. MacLeod
11-26	45	Lincoln	Shoal Pond	D. & K. Govatski
11-27	15	Jefferson	Pondicherry NWR	D. Govatski
<b>Common Redpoll</b>				
11-03	15	Errol	Mountain Pond Rd.	G. Gavutis Jr.
<b>Pine Siskin</b>				
10-11	15	Bethlehem	Priest Hill, WMNF	J. Williams, D. Winsor
10-18	12	Monroe	Skinny Ridge Rd.	S. Turner
10-19	65	Lyman	Dodge Pond	S. & M. Turner
10-24	1	Concord	Contoocook Island	P. Hunt
11-03	100	Errol	Mountain Pond Rd.	G. Gavutis Jr.
11-26	15	Bethlehem	Zealand Pond	D. & K. Govatski

<i>date</i>	<i>#</i>	<i>town</i>	<i>location</i>	<i>observer(s)</i>
<b>Evening Grosbeak</b>				
11-08	9	Sandwich	Diamond Ledge Rd.	T. Vazzano
11-27	4	Franconia	WMNF near Rt. 3	J. Williams

## Reporters for Fall 2006

Rich Aaronian	Mary Gandolfo	Peter Newbern
H. Cook Anderson	George Gavutis, Jr.	Jeffrey Normandin
Ralph Andrews	Keith Gordon	JoAnn O'Shaughnessy
Marie Anne	David Govatski	Greg Prazar
Jeannine Ayer	Michele Halsted	Robert Quinn
Rich Blair	Marilyn Hardy	Brenda Sens
Terry Bronson	Bill Harris	Dot Soule
Phil Brown	Dan Hayward	J.R. Stockwell
Susie Burbidge	Melissa Hayward	Mark Suomala
Douglas Chamberlin	Phil Hendrickx	Rebecca Suomala
Tom Chase	Lindsay Herlihy	Lance Tanino
Kim Ciborowski	Mandy Houston	Jean Tewksbury
John Cooley	Dan Hubbard	Sandra Turner
David Deifik	Pam Hunt	Fred Tyrrell
Alan Delorey	Alan Keitt	Tony Vazzano
Barbara Delorey	David Killam	Robert Vernon
Laura Deming	Mark Krenitsky	Francie Von Mertens
Joe Derrick	Iain MacLeod	John Williams
David Dinzeo	Chris Martin	Jeanne Wishengrad
Jane Doherty	Eric Masterson	Rob Woodward
David Donsker	Peter McKinley	Mary Wright
Davis Finch	Steve Mirick	Scott Young
Kenneth Folsom	Susan Mooney	
Carol Foss	Darien Morgan	Some sightings were
Susan Galt	John Munier	taken directly from the
		NH.Birds list serve.

## Reports for the following species were received in Fall 2006 but not listed.

Mute Swan	Downy Woodpecker	European Starling
Black Swan	Hairy Woodpecker	Northern Cardinal
Ring-necked Pheasant	Pileated Woodpecker	House Finch
Ruffed Grouse	Blue Jay	American Goldfinch
Wild Turkey	American Crow	House Sparrow
Northern Bobwhite	Cliff Swallow	
Herring Gull	Black-capped Chickadee	Sightings of the species listed
Rock Pigeon	Tufted Titmouse	above occurred in average
Mourning Dove	Red-breasted Nuthatch	numbers at expected loca-
Great Horned Owl	White-breasted Nuthatch	tions, were discussed in the
Barred Owl	Brown Creeper	summaries, or are escaped
Belted Kingfisher	Northern Mockingbird	exotics.

## The Fall 2006 Hawk Flight

by Susan Fogleman

**F**our sites in New Hampshire reported hawk migration data this fall. In decreasing order of observation time spent they were New Hampshire Audubon's Pack Monadnock (Peterborough), Little Round Top (Bristol), Washington, and Interlakes Elementary School (Meredith). Watchers were on station at two of the reporting sites by September 1. Hawks were on the move, as the migration of Broad-winged Hawks was already underway, having begun in August. The numbers of those long-distance migrants increased toward the middle of the month, and peak numbers were reached on September 10 and 11 this year with another sizeable thrust on September 16.

Unfortunately, no data was received from Blue Job Mountain in Strafford/Farmington. This site may have the highest number of hawks in the state, and is immediately "upstream" in the flow of hawks that passes Mt. Watatic or Mt. Wachusett (both in Massachusetts), or Pack Monadnock, depending upon wind directions and velocities. This fall, for example, Pack Monadnock was blessed with a nice late-day flight on September 10, as birds drifted westward on east-northeasterly winds, and passed at ever-decreasing altitudes as they sought nighttime roosting spots. The next morning Pack observers were rewarded with an always-exciting "liftoff," as overnights left roosts to resume migration. As the day went on, Broad-winged Hawks that had spent the night farther up the "pipeline" to the northeast began to pass Pack, and by day's end the mountain had tallied over 3,000. It was a convergence of winds that brought observers there this good fortune. Sites west and northwest recorded far fewer numbers. On September 10, Pack Monadnock was just east of an area where NNE winds were converging with NNW airflow. This line of convergence ran in a generally NE to SW direction, providing migrating raptors with what is called a "diversion line," a situation that can concentrate migrants along a path where optimal migrating conditions meet adverse ones. These conditions can be topographic (i.e., the coastline or the White Mountains) or, as in the case of September 10 and 11, atmospheric. Blue Job is ideally situated to benefit from both. It is very likely that several thousand hawks passed that mountain on the afternoon of September 10 and all day on September 11.

Thanks to the support of New Hampshire Audubon, Pack Monadnock observers were able to be on site throughout the season, and recorded over 46 hawks per hour of observation time. See the next page for more on the Pack Monadnock season.

Volunteers provide the observer power at most stations, and coverage can be limited by available manpower. Little Round Top reduced its 2006 season to the first three weeks of September and logged 22.5 hawks per hour. The site had its highest count on September 16 when almost 1,300 hawks were seen. The air mass over the region that day was fairly stable, so the migration was probably spread out more. Pack counted nearly 900 birds.

Exciting implications can be found in data collected for the second year in Washington. This site is just east of Lempster Mountain, a location that is targeted as a potential wind turbine farm location. The observer submitting the Washington data can only watch there in early September. Nevertheless, he tallied some good numbers, counting

nearly a thousand birds there this fall. Little is known about hawk migration in the western part of the state, so the efforts of this observer are invaluable. This may represent another migration stream that originates more to the west of the ones monitored from Little Round Top and Pack Monadnock. If you would be interested in assisting at this site, let me know. More data can be crucial in the planning for the wind farm.

We need your help! Please volunteer for Washington, Blue Job, Little Round Top! Training is available, fun is promised, rewards are many. If you would like to volunteer, contact me at fogleman@mvgalaxy.com, 603-536-1541.

*Susan Fogleman is the New Hampshire Coordinator with the Hawk Migration Association of North America and NorthEast Hawk Watch, and an active board member of both organizations.*

## Pack Monadnock Raptor Migration Observatory 2006 Report

by Iain MacLeod

**F**all 2006 marked the second year of daily raptor migration counting at New Hampshire Audubon's Pack Monadnock Raptor Migration Observatory in Peterborough, New Hampshire. This year's Hawk Counter was Julie Tilden, whose extensive raptor research experience and delightful personality helped make the season an outstanding success with record numbers of hawks counted and huge numbers of people educated about raptor migration.

The season started on September 4 with a trickle of migrants including a Bald Eagle. The weather remained generally favorable for migration throughout September, resulting in only two days in the whole month when counts were not conducted. The quiet tropical storm season meant that the eastern flyway was "open for business" throughout the fall allowing a prolonged flight. Table 1 shows the full hawk migration results from the season.

Turkey Vultures were present almost daily throughout September, but none were counted as actual migrants (on a set southerly course) until September 27. A total of 99 migrated past Pack. The peak flight period was between October 4 and October 10 with a peak day of 13 on October 8. Another peak count (12) was recorded on October 24. They were still moving in November with 4 counted between November 1 and November 16.

Ospreys start their migration in August, so some may have been missed prior to daily watches, but the peak flight period this year was between September 22 and 27. A total of 188 Ospreys were counted in September. By October the daily counts tailed off, but an impressive total of 15 came through on October 4. The last single Osprey of the season was seen on October 24. The season total was 257, compared to 219 in 2005.

The bulk of this year's Bald Eagle flight was in September with peak daily counts of 9 on September 10, and 15(!) on September 11. October daily counts exceeded two on

only one day, October 5, when three were seen. The season total was 55 (52 in 2005) with the last one seen on October 24.

The Northern Harrier count for 2006 was remarkable. There were 77 counted, compared to 24 in 2005. The peak daily count was five on September 22. A daily total of four was tallied on six different days (mostly in October) with three consecutive days of four each on October 4, 5, and 6. The last one of the season was on November 5.

Sharp-shinned Hawks were also counted in record numbers. They migrate throughout the fall time period and were counted almost daily from September 4 until early November (Figure 1). The September total was 593. The October total was 649 with the peak daily flight (122) occurring on October 4. The 2006 season total of 1,253 is remarkable when compared to what we thought was a huge total (520) in 2005.

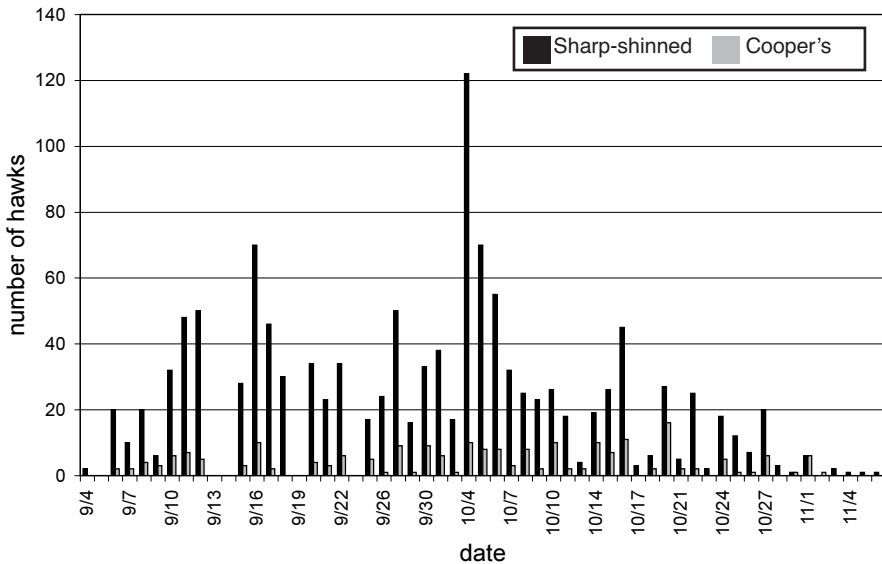
Cooper's Hawks also smashed the 2005 mark and demonstrated their continued recovery in the northeast. This season, 213 were counted, compared to just 47 in 2005. The peak daily count in September was 10 on September 16 (Figure 1). October daily counts were consistently higher with 10 seen on three dates, 11 on October 16 and a season-high of 16 on October 19.

This season 68 Northern Goshawks were counted (compared to just 11 in 2005!) with the bulk in October and lingering into November. The peak flight was in the second week of October when 23 were seen over a nine-day period.

Red-shouldered Hawks are later migrants and did not start to pick up in numbers until October. A total of 46 was recorded in 2006 (compared to 23 in 2005). Nine were seen in September and their peak occurred between October 4 and October 10.

Broad-winged Hawks made their first big push on September 10 with 962 counted. They peaked on September 11 with an amazing flight of 3,044. Those of us who were there were treated to a spectacular day with kettles of hawks appearing in all directions

**Figure 1.** Sharp-shinned Hawk (*Accipiter striatus*) and Cooper's Hawk (*Accipiter cooperii*) counts on Pack Monadnock, New Hampshire, September 4 through November 6, 2006.



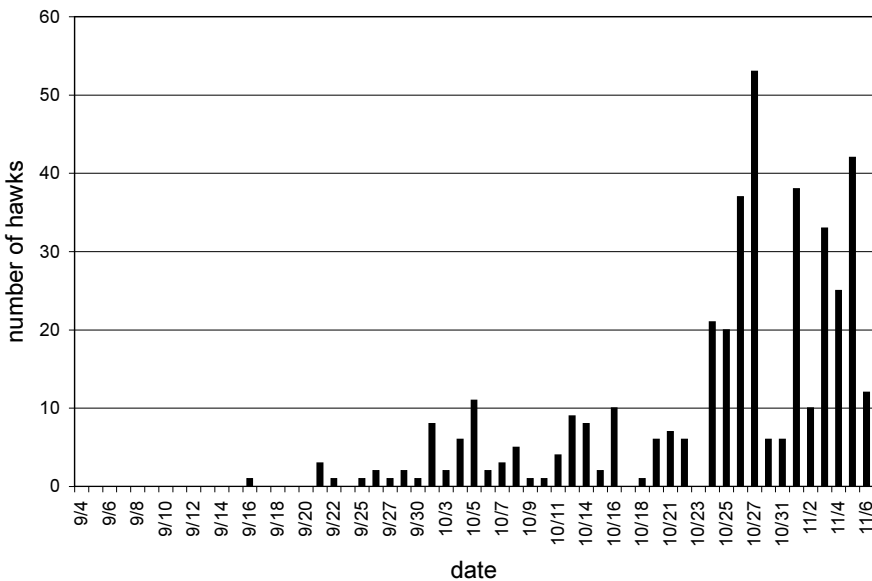


and squadrons pouring out of the clouds overhead speckling the skies as if flung from a pepper shaker. We returned on September 12 for another great day of 641. The push subsided for a few days but then another wave of Broad-wingeds came through on the September 16, 17, and 18. Broad-wingeds continued to trickle through over the next week or so with a final spectacular flight of 981 on September 27. Only 24 more Broad-wingeds were counted in October (last on the 24th) demonstrating this species' early departure strategy. This total (7,595) is nearly twice last year's total!

Red-tailed Hawks are one of the latest raptor migrants. They were seen almost daily in September hunting and interacting with other raptors and ravens, but only 12 were deemed to be actually migrating south. It was a different story in October with daily migrants building to a marked peak flight between October 24 and October 27 and a monthly total of 235 (Figure 2). Julie continued to count into November and the Red-taileds kept on coming through November 6 when Julie finally ended the season. In those six days in November, 160 were counted for a total of 407 during the season, as compared to 122 in 2005 when the season ended on October 31.

The amazing total of five Golden Eagles at Pack Monadnock in 2005 looked as if it would hold up, but some remarkable days in late fall would prove that patience is rewarded. The first "goldie" of the season was on October 13. Another individual was seen on October 27; a spectacular October 30 brought three Golden Eagles (all adults) and then another single on Halloween. Julie was not done. November 1 brought another two Golden Eagles and another three on November 3. This year's total of 11 Golden Eagles is a sure sign that this magnificent raptor is slowly but surely increasing its population in the Canadian Maritimes.

**Figure 2.** Red-tailed Hawk (*Buteo jamaicensis*) counts on Pack Monadnock, New Hampshire, September 4 through November 6, 2006.



The 2005 total of 78 American Kestrels at Pack Monadnock was quite depressing and part of a consistent story of steady decline throughout the east. This year's total of 201 was much improved, but still far from where this little falcon once was. There was a peak flight on September 11 and 12 (with 24 and 22). Another peak flight occurred on October 4 -6. The last one of the season was seen on October 21.

Merlins continue their population expansion in the east and Pack data mirrors that trend, although the 48 totalled this year is only a slight increase over the 40 tallied in 2005. There was no discernable peak in migration. The first of the season was seen on September 8 and the last on November 5.

Peregrine Falcon counts were much higher in 2006 with 29, compared to 11 in 2005. The first of the season was a single on September 21 followed by two more on September 22. A daily high of five occurred on September 27 and again on October 5. The last one of the season was counted on October 13.

An amazing total of 10,435 migrating raptors were counted during 379.25 hours of observation spread over 56 days. This tally at Pack Monadnock was the highest of any hawkwatch site in New England in 2006. Hats off to Julie Tilden for her skill and fortitude and to the many volunteers—particularly Lance Tanino—who helped record this remarkable total. We have set the bar very high for future years. Can we beat 10,000 again?

Thanks go to Eric Masterson at New Hampshire Audubon for his oversight of the project in 2006, to Francie Von Mertens for her logistical support, and to the NH Division of State Parks (Miller State Park) for its help and support. Funding for the project was provided by the New Hampshire Charitable Foundation, The Samuel P. Hunt Foundation, The Putnam Foundation, and several generous individuals.

For day-by-day details of the Pack Monadnock count for this and previous years go to [www.hawkcount.org](http://www.hawkcount.org). You can also access daily count data for hundreds of hawkwatch sites across the continent. For more information about raptor migration visit [www.hmana.org](http://www.hmana.org).

*Iain MacLeod coordinated hawk counts and led raptor identification workshops at Pack Monadnock for many years and founded New Hampshire Audubon's Pack Monadnock Raptor Migration Observatory in 2005. He is now the Executive Director of the Squam Lakes Natural Science Center in Holderness, NH, chair of the board of the Hawk Migration Association of North America (HMANA), and a board member of NorthEast Hawk Watch. He can be reached at [iain.macleod@nhnature.org](mailto:iain.macleod@nhnature.org).*



Peregrine Falcon  
by Iain MacLeod.

**Key to Species Abbreviations in Table 1.**

TV	Turkey Vulture ( <i>Cathartes aura</i> )	BW	Broad-winged Hawk ( <i>Buteo platypterus</i> )
OS	Osprey ( <i>Pandion haliaeetus</i> )	RT	Red-tailed Hawk ( <i>Buteo jamaicensis</i> )
BE	Bald Eagle ( <i>Haliaeetus leucocephalus</i> )	GE	Golden Eagle ( <i>Aquila chrysaetos</i> )
NH	Northern Harrier ( <i>Circus cyaneus</i> )	AK	American Kestrel ( <i>Falco sparverius</i> )
SS	Sharp-shinned Hawk ( <i>Accipiter striatus</i> )	ML	Merlin ( <i>Falco columbarius</i> )
CH	Cooper's Hawk ( <i>Accipiter cooperii</i> )	PG	Peregrine Falcon ( <i>Falco peregrinus</i> )
NG	Northern Goshawk ( <i>Accipiter gentilis</i> )	UR	Unidentified Raptor
RS	Red-shouldered Hawk ( <i>Buteo lineatus</i> )		

**Table 1.** Raptor Migration Data from Pack Monadnock Raptor Migration Observatory, New Hampshire, September 4 through November 6, 2006.

Date	Hrs	TV	OS	BE	NH	SS	CH	NG	RS	BW	RT	GE	AK	ML	PG	UR	Total
9/4	6			1		2				2			1				6
9/5	6.5																0
9/6	8		2		2	20	2			7			2				35
9/7	9		4	2	3	10	2			31			2				54
9/8	7.25		8		1	20	4	1		7			2	1		5	49
9/9	7.5		2			6	3			1							13
9/10	10		6	9	2	32	6		2	962			2	2		2	1025
9/11	9.25		12	15	4	48	7		1	3044			24	5			3160
9/12	9.25		3	3	1	50	5			641			22	1		1	727
9/13	6.5		1										1				2
9/14	2.5		1														1
9/15	5.5		2			28	3	1		45				2			81
9/16	9		7	3	3	70	10	1		777	1		16	2		1	891
9/17	9.5		8		2	46	2	1		598			6	2		2	667
9/18	8		7			30		1		279			2			1	320
9/19	6		2														2
9/20	8.25		8	1	1	34	4	1		101			4	1		1	156
9/21	8.5		6		2	23	3			33	3		2	1	1	1	75
9/22	8		29	1	5	34	6	2	3	20	1		3		2	1	107
9/24	2																0
9/25	8		31		1	17	5	1	1	11	1		1	1			70
9/26	8		13	2	1	24	1			5	2		4	1	3		56
9/27	8.25	3	24	6	2	50	9		1	981	1		19	2	5	1	1104
9/28	8	3	7			16	1			8	2		5	1	1	1	45
9/30	8		5			33	9	1	1	18	1		3			3	74
10/2	8		3	1	2	38	6			2	8		6	1			67
10/3	8		2		1	17	1				2		1		2		26
10/4	8	3	15		4	122	10		1	5	6		18	2	4	7	197
10/5	8.5	3	8	3	4	70	8	3	6	15	11		15	6	5	8	165
10/6	8	11	5	1	4	55	8		1		2		12		1	5	105
10/7	8.25	4	2	1	1	32	3	3	4		3		6		1	2	62
10/8	8	13	3		3	25	8	2	2		5			1			62
10/9	8	9	1		1	23	2	2	1		1		5	2		1	48
10/10	8	2	5		4	26	10	3	1		1		4	1	2	8	67
10/11	6		5			18	2	1	0		4		9	2	1	1	43
10/13	8	1	3		1	4	2	3	0		9	1		1	1		26
10/14	8	7	4	2	2	19	10	6	1		8		1	2		1	63
10/15	8	4	5		1	26	7	3	0	1	2						49
10/16	8		4	1	2	45	11	1	3		10		1			2	80
10/17	5				1	3								1			5
10/18	5	9	1	2		6	2				1			2			23
10/19	8	6	2		3	27	16	6	2		6		1	1		3	73
10/21	8				1	5	2	3			7		1	1		10	30
10/22	8				3	25	2				6						36
10/23	2					2											2
10/24	8	12	1	1	1	18	5	2	2	1	21			1		1	66
10/25	7.25					12	1		1		20					1	35
10/26	8				4	7	1	3	1		37			1		1	55
10/27	8	5			3	20	6	3	6		53	1				2	99
10/30	7.5					3			1		6	3					13
10/31	7				1	1					6	1					9
11/1	6.5	1				6	6	4	1		38	2				1	59
11/2	1.75						1				10						11
11/3	5.75	2				2					33	3					40
11/4	4.25					1					25						26
11/5	5	1			1	1			6	1	42			1		1	54
11/6	5.75					1		4	2		12						19
	<b>408.25</b>	<b>99</b>	<b>257</b>	<b>55</b>	<b>77</b>	<b>1253</b>	<b>213</b>	<b>68</b>	<b>46</b>	<b>7595</b>	<b>407</b>	<b>11</b>	<b>201</b>	<b>48</b>	<b>29</b>	<b>76</b>	<b>10435</b>

Hrs – observer hours

## Western Reef-Heron in New Hampshire

by Stephen R. Mirick

**A**t 8:04 AM on the morning of Wednesday, August 9, 2006, Mandy Houston was waiting to head off shore on the “Granite State,” a whalewatch boat out of Rye Harbor, New Hampshire, when a small dark gray heron flew across the harbor and over the boat. She pointed her camera at it and took a series of photos thinking it was a Great Blue Heron. She then put these excellent flight shots on her Web site ([www.whalesightings.com](http://www.whalesightings.com)) and there the story might have ended. Except.....

Nine days later, while driving home from Connecticut early in the morning on August 18, Lysle Brinker decided to do some birding on the southern Maine coastline and he stumbled upon an amazing sight. A small dark gray heron was roosting on a small island just off the public boat landing in Kittery Point, Maine. He soon realized that this was a Western Reef-Heron, an extremely rare bird from Africa and only the second record for the United States! Cell phones started ringing. Within an hour, other birders confirmed the identification, and within 24 hours, the word was out all across the country.

Fortunately for New Hampshire birders, the heron was found the following day in New Hampshire and during its 34-day stay along the Maine and New Hampshire coasts, it chose to spend most of its days feeding in and around the area of the inner Portsmouth Harbor area. It was often visible from the bridges and causeways leading onto the island of New Castle. Although the bird was not always reliable, most birders were able to get distant views as it fed on the tidal mud flats or roosted with Snowy Egrets in the surrounding rocks. On one occasion, it was seen from Odiorne Point in Rye as it flew offshore towards Duck Island with a small group of Snowy Egrets to spend the night out at the Isles of Shoals. The bird was last reported to the NH.Birds listserv on September 20, 2006.

During its stay, hundreds of visiting birders from all over the United States traveled to the Maine and New Hampshire seacoasts to see the bird. A voluntary survey of birders visiting the Maine area of Kittery Point recorded 53 responses from a total of 123 birders. According to the survey, visitors came from 11 states including birders from as far away as California and Alaska (Lovitch 2006)! I personally helped out a birder from Missouri who had flown east by herself just to see this bird for her life list!



*Western Reef-Heron by Lillian Stokes.*

The Western Reef-Heron is normally a coastal species of western and eastern Africa as well as the coastal areas of the Saudi Arabian peninsula, the Persian Gulf, and into the western coast of India. Although it is not normally a highly migratory bird, the Western Reef-Heron has strayed across the ocean on several occasions. The first record for the New World occurred from the Graeme Hall Swamp of Barbados in 1975. Since then, there have been at least 12 other sightings from Barbados and nearby in St. Lucia and Trinidad and Tobago (Mlodinow 2004).

This record from Maine and New Hampshire represents the fourth North American record and the second for the US. The first North American record came from Nantucket, Massachusetts. During the summer and fall of 1983, it was seen by hundreds of birders during its stay. The second record of Western Reef-Heron came from northern Newfoundland in Canada during the summer of 2005, and the third record came from Glace Bay in Nova Scotia from the summer of 2006. The 2005 and 2006 records likely all represent the same individual. The bird at Glace Bay, Nova Scotia, was last reported on August 2, 2006 (Maybank 2006), seven days before it was first seen in New Hampshire; details of plumage are similar to the New Hampshire bird.

The taxonomy of the Western Reef-Heron is complex and somewhat controversial. Different authorities have different opinions regarding the taxonomic relationship of the Western Reef-Heron with the closely related Little Egret. The bird that appeared in New Hampshire (and all other New World sightings) has been identified as the dark western subspecies, or race, of the Western Reef-Heron (*Egretta gularis gularis*). This race breeds in coastal regions of western Africa and is recognized as a subspecies of Western Reef-Heron, according to the American Ornithological Union (A.O.U.). Many leading taxonomists, however, believe that this subspecies may actually represent a dark morph race of the Little Egret (*Egretta garzetta*) and that the taxonomy should be changed to reflect this. This change may or may not be eventually accepted by the A.O.U., but for now at least, all the birders who saw the New Hampshire bird can “put it on their lists” and New Hampshire can include it as a new species for the state.

...And then the whole story became more complete (and even more interesting) when on September 17, 2006, I was traveling back from a whalewatch trip out of Rye Harbor, New Hampshire. The naturalist on the boat told me about a photographer named Mandy Houston who often comes on their whalewatches and maintains a Web site dedicated to whales. She said that this woman had photographed the reef-heron flying over Rye Harbor more than a week before its discovery in Maine! I told her that was very unlikely, but she told me about the Web site where there was a photo. And what a photo it was! You can see it on the front cover of this issue.

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## Spotlight on Kentucky Warbler (*Oporornis formosus*)

by Robert Fox

### Background

The Kentucky Warbler is a bird of thickets and lowlands in southeastern United States. It is a ground bird, rarely flying far, and often in the cover of trees or brush. The Kentucky Warbler is a rare species found in May and September in New Hampshire and other New England states.

### Occurrence in New Hampshire

There have been 15 records of Kentucky Warbler in New Hampshire from 1949 to 2006: 12 in spring and 3 in fall (Figure 1). Spring dates range from 12 May to 2 June with a median of 18 May. Spring records were from the southeast-coastal area (7) including two from Pawtuckaway State Park (Deerfield/Nottingham) and two from Odiome Point State Park (Rye); the Merrimack River Valley (3); and the Connecticut River Valley (2) with the most recent record from Lebanon. Fall records range from September 13 through 30 with two from Hampton and one from Deerfield. There were a number of sight records in this and other northern New England states from late 19th century to 1950 but leading authors tend to discount them (Forbush 1929, Griscom & Snyder 1955).

Scientists want permanent proof of a species (a museum specimen or photograph) before saying a species is on the state list. On May 27, 1969, an adult male Kentucky Warbler was picked up in Rye after hitting a window and is now specimen #4168-A in the University of New Hampshire collection. On August 18, 1975, an immature male Kentucky Warbler was banded and photographed on Appledore Island, just over the New Hampshire border in Maine, becoming the first scientific record for that state. In our state at least three of the birds were males; there is insufficient information about the other 10 birds to establish their sex. Because this species is rare in New Hampshire, anyone seeing a Kentucky Warbler should write down detailed descriptions, especially of the head pattern, and try to take a picture to submit.

### Comments

Occurrences of a species north of its breeding range, typically males, are usually considered overshoots (birds that go beyond their normal breeding range during migration). Kentucky Warbler has been recorded in New Brunswick, Nova Scotia, and Newfound-



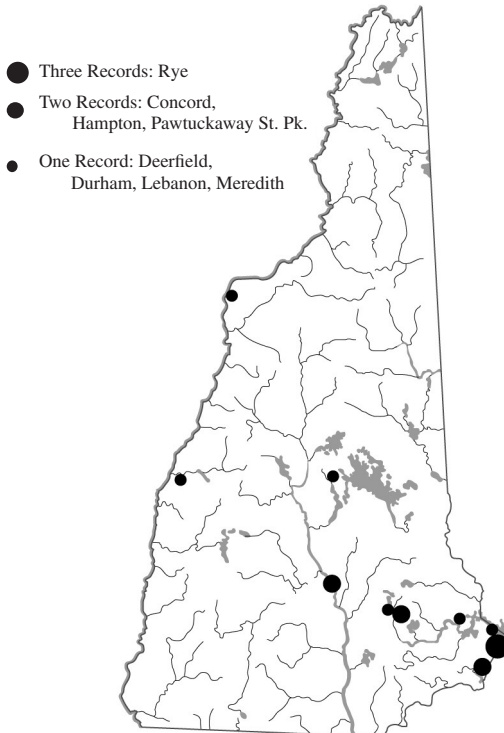
*Kentucky Warbler by Rebecca Suomala, September 1998, Star Island, Isles of Shoals, NH. While searching for a photo to accompany this article, we discovered this previously unreported record of a bird being banded on Star Island. Thus, this sighting is not included in the following article. (Your New Hampshire Bird Records editor is somewhat chagrined and embarrassed.)*

land (10 records) in both spring and fall (Dunn & Garrett 1997). In Massachusetts, over 100 Kentucky Warblers were reported between 1954 and 1993, usually from May 10 through 30. They occurred after the main spring migrations and not with southern warblers following spring storms. In fall (August 20 to September 10) over 50 birds have been reported since 1954 (Veit & Petersen 1993). It is interesting to note that the first New Hampshire bird and several birds in Massachusetts occurred just after a major New England hurricane in 1954. The occurrence of this species north of its breeding range in the fall is presumed to be from a post breeding dispersal prior to fall migration. Fall migrants usually move to the Gulf of Mexico and across to Central America, but some birds are found in Bermuda and the Caribbean Islands (McDonald 1998).

In Maine, the Kentucky Warbler is considered a rare warbler occurring in May, August and September at migrant traps like Evergreen Cemetery in Portland (Perison et al. 1996). In Vermont, the first specimen was taken May 30, 1905, in Lunenburg and there are six other records from 1975 to 1990; only one was in the fall (Murin & Pfeiffer 2002).

As is the case with unusual and interesting birds, we sometimes wonder why they are so named. The Kentucky Warbler's Latin genus name, *Oporornis*, means "autumn bird" referring to the fact that this genus is more abundant in fall than spring (which, in New England, is true for all other species in the genus except Kentucky). The species name, *formosus*, means "beautiful" in Latin, as in well-formed (Gruson 1957). Wilson found this species in 1832 and named it for the state in which he found it most abundant (Bent 1953).

**Figure 1.** Distribution of Kentucky Warblers records in New Hampshire, circa 1960 through May 2006.



## Data Sources

The following data sources were searched for records of this species. Not all records presented here have been reviewed by the NH Rare Birds Committee.

*New Hampshire Bird Records* and archives, circa 1960 through May 2006. Audubon Society of New Hampshire, Concord, NH.

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*Bob Fox, a life long birder, has spent 1-3 months nearly every year in New Hampshire since he was 10. Bob birded extensively with Bob Smart from the late 1940s through the 1970s and they planned to write a book on New Hampshire birds. Today Bob is assisting Allan Keith complete this idea. Bob and Dana Duxbury-Fox summer in Tuftonboro and live in North Andover, Massachusetts.*

## Backpack Birder

### Skydance of the American Pipit

by David Govatski

I first became interested in the American Pipit after reading some stories about how they were breeding above tree line on Mount Washington. As an avid hiker I just had to see some of these birds and made plans to visit the “Rock Pile” in 1997. I saw and heard pipits in the Alpine Garden and Cow Pasture areas of Mount Washington and was intrigued about how they could live in such an environment. Later, I had the chance to visit Rocky Mountain National



*American Pipit*  
by David Govatski, 6/25/06,  
cow pasture on Mt. Washington.



Park in Colorado where I saw more pipits at 13,000 feet, living above tree line. Every year I make at least one trip to see the fascinating sky dance of the American Pipit.

Birders on Mount Washington, New Hampshire's tallest peak, can enjoy the spectacular flight display of the American Pipit (*Anthus rubescens*) in June and July. The American Pipit was formerly called the Water Pipit and lumped together with this European species. The name change and species split was based on taxonomic studies showing that it was a separate species. The name pipit comes from the notes the bird makes while flying—pip-pit, pip-pit.

The breeding range of the American Pipit is primarily in the Arctic tundra and as far south as the Rocky Mountains of Colorado. Isolated mountain top populations occur in Arizona, California, Nevada, New Mexico, and Utah. In the east, the pipit breeds in Labrador and a few isolated mountaintops in the Chic Choc Mountains on the Gaspe Peninsula of Quebec, Mount Katahdin in Maine, and Mount Washington in New Hampshire. The first breeding season records for pipits in suitable habitat in New Hampshire were on Mount Madison on July 10, 1937, and on Mount Washington on June 19, 1965 (Martin 1998). Nesting was confirmed on June 29, 1991, when Chris Rimmer found and photographed a female pipit on eggs in an area known as the Cow Pasture below the summit of Mount Washington. In the summer of 1998, I participated in a study of the breeding population of pipits on Mount Washington led by Chris Martin of New Hampshire Audubon.

This sparrow-sized, ground-dwelling migratory bird is found above tree line on Mount Washington, where its territorial flight display or skydance is a fascinating spectacle. The male will climb rapidly for several hundred feet in the air giving a continuous tjew, tjew. On the descent the male will make a chwee, chwee call while floating down with tail upright and legs extended. Male pipits also make a variety of other notes and calls while on the ground. The pipit walks with tail bobbing up and down while on the ground looking for insects and seeds in the sedge community of the alpine zone.

Birders interested in seeing an American Pipit conducting a flight display or skydance can visit Mount Washington in June and July. Hiking up the Lion Head Trail or Nelson Crag Trail will get you to the Alpine Garden, where several territories can be found with displaying males. The Tuckerman Ravine Trail is another possible route, but this trail may still have snow in the bowl until mid-June. From the west side of the mountain the best route is to take the Ammonoosuc Ravine Trail and Westside Trail, where pipits are present, and then down the Jewell Trail. Birders hiking these trails must be in good physical shape and be prepared for all kinds of adverse weather.

Another alternative for birders is to drive up the Mount Washington Auto Road from Pinkham Notch. This will allow you to look for Bicknell's Thrush near the Halfway House Site and then spend a full day enjoying the alpine environment. Park at the Cow Pasture – the trailhead (elevation 5,750 feet) of the Huntington Ravine Trail – and listen for birds here without having to walk far. A walk down the first 0.3 miles of the Huntington Ravine Trail will bring you to the Alpine Garden Trail and the headwall of Huntington Ravine. Under NO circumstance should you continue down the dangerous headwall of Huntington Ravine. Instead turn right on the Alpine Garden Trail and walk 0.9 miles along the relatively level but uneven terrain towards Tuckerman Ravine, where you will see many alpine plants and singing pipits. Turn back once you come to the Lion Head Trail or you can continue another 0.3 miles until you reach the junction with the

Tuckerman Ravine Trail. This point is 1.5 miles from where you parked your car at the Huntington Ravine Trailhead near the Cow Pasture on the Auto Road.

Other bird species that you will likely see or hear include the Blackpoll Warbler, Yellow-rumped Warbler, Dark-eyed Junco, White-throated Sparrow, and Common Raven. Alpine flowers will be in abundance along the Alpine Garden. The display of plant species changes as the summer progresses. The observant birder might see the rare White Mountain Butterfly and unusual Alpine Booney Grasshopper in late June and July.

The American Pipit is considered common worldwide, but not on New England's small isolated mountaintops. Threats to its survival include hikers going off trail and stepping on nests that are carefully hidden in the sedges. Other threats include the increasing issue of global warming that is changing the ecology of the alpine environment almost as we watch. Please stay on the trails and be prepared for arduous hiking on rough trails. The Appalachian Mountain Club has maps and trail guide books available for sale at their Pinkham Notch Camp on Route 16. Guided trips by members of the Ammonoosuc Chapter of New Hampshire Audubon are available during the summer. Contact the author for more information.

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## Birding Along the Merrimack River in Concord

by Robert A. Quinn

The Concord area is probably unique in the State from the point of view of the longevity and intensity of bird observation. From Frances Abbott, Charles Goodhue, and Francis B. White at the beginning of the 20th century, through Kimball Elkins and Tudor Richards in the later 20th century, to Rob Woodward, Pam Hunt, Phil Brown, Mark and Becky Suomala, and Eric Masterson, et al. today. This history, combined with Concord's strategic geographic loca-



*Great Blue Heron  
by Debra LaValley, 9/20/06,  
Horseshoe Pond, Concord, NH.*

tion, flood plain, agricultural lands, significant wetlands, and numerous water bodies, has resulted in an astonishing array of rarities observed over the years. More than 275 species have been recorded in Concord over the years, which is probably more than any other township in the state away from the coast.

This article will concentrate on birding along the Merrimack—the river itself and the wetlands along its course. A second article, to appear in a future issue, will focus on ponds, marshes, fields, and woodlands.

Concord sits in the heart of the Merrimack River valley, with the city proper to the west of the river on a series of gradually rising hills. A newer developed section on the “plains” or “heights” sits at the top of a steep bluff to the east of the river. The river bisects the city and also provides some of the best birding habitat along its fertile meanders, many of which still support agricultural crops. In fact, it has been stated that the corn fields in Concord are closer to the State Capitol building than are the corn fields in Des Moines, Iowa, to their Capitol building!

Waterbirds make the Concord area special, but all the ponds, and usually the river, freeze solidly during the winter so it is during the spring and fall migration that they are most numerous. We’ll start with the fall season.

Surprise! July is our first “fall” month. Many birds are on the move shortly after the Fourth of July and by month’s end migration can be quite noticeable. The shorebirds (sandpipers and plovers) are the first obvious migrants as the adults flee the breeding grounds shortly after their young hatch. Sub-arctic migrants that are regular and sometimes fairly common include Semipalmated Plover, Lesser Yellowlegs, and Solitary and Least Sandpiper. In 2004 the time between the last spring migrant (June 4) and the first fall migrant (July 23) was only seven weeks for Solitary Sandpipers.

Many swallows and even some warblers are on the move by the end of July. In fact, most Tree and Northern Rough-winged Swallows have left before July is over.

During August shorebirds reach their peak, warblers are moving through in mixed flocks, and the first of the waterfowl and hawks are also on the move. In September the landbird migration slows down a bit, but there is a big pulse of hawk migration; while sometimes this has been witnessed right over Main Street, any of a number of hills provides a better vantage point.

By October, most of the shorebirds have gone south, but we have the greatest congregations of ducks, geese, and gulls. Dabbling ducks can be found almost anywhere there is open water, while diving ducks prefer the river and larger ponds. Geese and gulls are often observed migrating along the river.

By mid-December the smaller ponds are usually frozen and the Merrimack River is starting to solidify. Long Pond (Penacook Lake) is the last to freeze and often has a good variety and number of waterfowl well into December. Any waterbirds that still remain are forced to find the few patches of open water such as at Sewalls’ Falls, the rocky stretch just above Bow Junction, and the confluence of the Contoocook and Merrimack Rivers in Penacook.

Mid-winter used to be extremely quiet in Concord, unless there was an invasion of Snowy Owls or winter finches. However, changes in the winter bird populations have resulted in many more sightings of Bald Eagles, American Robins, and both waxwings. We almost expect large flocks of waxwings in January and February and about every

other year those flocks include dozens or even hundreds of Bohemian Waxwings. By late February or early March, a warm southwest airflow will bring in the first Turkey Vultures, Red-winged Blackbirds, Eastern Bluebirds, Killdeer, and sometimes waterfowl.

It is during mid to late March (sometimes early April) that the river normally opens up, with ponds and lakes following somewhat later, although this timing can vary a lot from year to year. American Black Ducks, Mallards, Northern Pintails, teal, geese, and other waterfowl first appear on the river and its marshy oxbow ponds, but they begin to disperse as soon as the ice is out of the nearby ponds and points north.

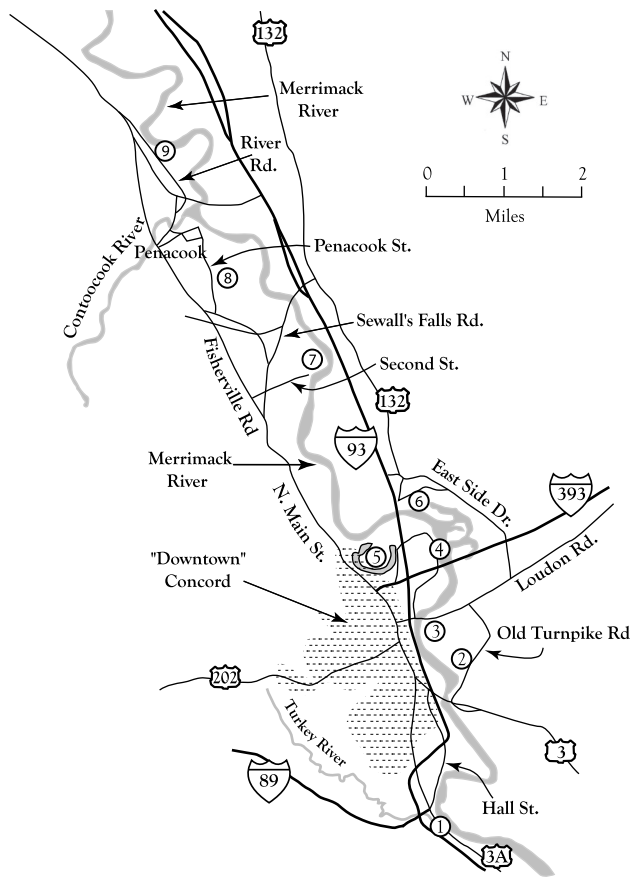
The landbird migration usually follows the river valley and can be spectacular under appropriate weather conditions. In the spring, this is usually a day of southwest winds after several days or a week of cold, rainy weather, or strong northerly winds. In the fall, the landbird migration is best after the passage of a cold front with its associated north-west winds. Now let's look at some specific areas.

### **Merrimack River from Bow in the south to Boscawen in the north**

**1.** At the Bow/Concord town line, the Turkey River enters the Merrimack River from the west. There are several observation spots alongside the railroad tracks and Rt. 3A, plus the river bank opposite Blue Seal Feeds on Hall Street. Gulls, winter ducks including Common Goldeneye, cormorants, and herons can be seen here. It is also a good spot to watch for migrating geese and hawks and it usually has open water right through the winter. About 0.5 miles upstream (along Hall Street) is a big bend in the river that frequently has large numbers of migrant waterfowl in early spring. Parking is limited here and caution is needed but this location can be quite worthwhile, especially in March. On March 24, 2004, I recorded over 1,000 geese and ducks here.

**2.** Manchester Street/Terrill Park. At the north end of Hall Street turn right; just east of the Manchester Street bridge, turn left on to Old Turnpike Road. Very soon on the left is a city park called Terrill Park. There is an old loop road that is a good place to park and watch the river. Just upstream, a small creek comes in and has formed a little sand spit. This spit can be good for shorebirds if the water is low, but vegetation has grown up and the visibility is poor. This spot is not as birder friendly as it used to be, but it is still worth a stop if you have time. Upstream from the spit is a little backwater behind a row of hardwood trees where ducks often hide. At least one Bonaparte's Gull has been spotted here. The trees along the river can be good for migrants and wintering land birds. On one spring day over 10,000 blackbirds of various species invaded these trees and sometimes Red-bellied Woodpecker can be seen here.

**3.** Less than a mile north along Rt. 93 is the exit for Loudon Road and the bridge over the Merrimack River that leads to the site known as the Post Office fields. These fields are behind the shopping center (that includes the post office) on the south side of Loudon Road next to the river. This spot had been lightly birded over the years until Mark and Becky Suomala discovered a crop of ripe sorghum there in fall 2002. This bonanza attracted thousands of sparrows, several Dickcissels, American Pipits, Horned Larks, and even a few Lapland Longspurs, plus a host of birders. During floods in late May of 2006 these fields yielded the first Concord record (and the second and the third!) of Lesser Black-backed Gull, thanks to Eric Masterson. With the gulls was a good variety of shorebirds, including Short-billed Dowitchers; the water in the fields was even deep enough for a Pied-billed Grebe! The wet woods to the east of the field have been very



productive for sparrows and other lingering landbirds in late fall and early winter. These fields are not very productive in mid-summer and they are private property. Please respect that privacy and stay away when farm machinery is working.

**4.** The next good spot is 0.5 miles north, at the boat ramp off Fort Eddy Road behind the New Hampshire Technical Institute (NHTI). From Rt. 93, take Rt. 393 east to Exit 1, turn left at the end of the exit ramp and the boat launch is on your right. In addition to the river and a very nicely developing oxbow (old river channel) called the Sugar Ball, which is visible from the ramp, there are fields that you drive through where you may often see sparrows, pipits, larks, and buntings during migration. Blackbirds, Killdeer, and ducks frequent these fields in the spring. Watch for an occasional American Golden-Plover. This area, especially at the ramp, is another good spot from which to observe migration. Red-breasted Merganser and Long-tailed Duck have been seen here.

**5.** Horseshoe Pond. Continuing northwest on Fort Eddy Road you pass through the NHTI campus (during spring and fall, watch for more shorebirds in the grassy areas and bluebirds in the fruit trees) to Delta Road, and cross over Rt. 93, arriving at Horseshoe Pond. It is a U-shaped oxbow pond with an agricultural field surrounded by the pond's "arms." The field is currently planted with sod and very attractive to shorebirds during

wet weather. When at least parts of it are left fallow, it is the best place I know of in the Concord area for nesting Savannah Sparrow and Bobolink. There is a conservation easement on the land so it is open to birders, but please follow the normal courtesies with parking and visiting during times of agricultural activity. Commercial Street closely follows along one arm of the pond and provides good views. Horseshoe Pond is probably second only to Turkey Pond in the tremendous variety of rarities seen there. A Peregrine Falcon harassing 45 breeding-plumaged American Golden-Plovers was seen in the same week as Gadwall and Northern Shoveler one year. During the spring of 1996, visitors included such species as Horned and Red-necked Grebes, Common Moorhen, Semipalmated Plover, Semipalmated Sandpiper, Short-billed Dowitcher, and Black Tern. Cattle Egret, Black-bellied Plover, Red-necked Phalarope, Upland Sandpiper, Pectoral Sandpiper, Dunlin, Common Moorhen, and Brant are some of the more unusual species also spotted on this pond. A combination of easy access and its inherent qualities probably accounts for its long bird list.

The best birding strategy is to walk across the short causeway and scan the pond and field. Depending on what you see, you can then focus on those areas or walk to the west and parallel the railroad tracks until you reach the "back ponds," which are really just a continuation of the oxbow. The junction of woodland, shrubs, and back ponds is almost always a good spot for landbirds during migration and has been a regular spot for Orchard Orioles some summers. You can quickly scan this entire area from the road or you could spend a half-day walking the perimeter.

**6.** Heading north on Rt. 93, take Exit 16 and follow the signs to the Society for the Protection of NH Forest's flood plain on the east side of the river. From a parking area on Portsmouth Street just down the hill from the main entrance to the Conservation Center, a trail leads through the woods and then along Mill Brook and finally out into the open flood plain. The marvelous variety of habitat is a great place during migration with many passerines in the brush, waterbirds along the river, and hawks searching the open areas. Birds of note seen here include Bald Eagle and Rough-legged Hawk. It is also one of the best places to study swallows, as all the species pass through in migration, and Bank and Northern Rough-winged Swallows nest in the sandy embankment along the river. Blue-winged Warbler and Black-billed Cuckoo have also been seen here.

The bluff upon which the Conservation Center sits with its commanding view of the Merrimack River valley has nesting Pine Warblers and even nesting Pine Siskins in a good siskin year (rare).

**7.** The next stop is several miles north at the Sewalls Falls area. To get there follow Rt. 132 (Mountain Rd.) north, turn left and cross the river on Sewalls Falls Rd. and then turn left on to Second Street and drive to the end. Park at the beginning of the mile-long trail that parallels the river. It has a boat ramp, picnic area, and trails. From a birding point of view, it may be of most interest in the winter when the rest of the river is frozen. Here the rapids created by the old dam keep the water open for quite a distance even in the coldest year and this is a regular place for Bald Eagle, Common Goldeneye, and Common Merganser during the winter. Rarer birds include Great Cormorant, Hooded Merganser (rare in winter), and Barrow's Goldeneye.

**8.** Heading north again, we go back out to Sewalls Falls Road and turn right; then bear left onto Abbott Road and in about a mile take a right onto Penacook Street and go down a long hill. If road conditions are favorable, you may be able to stop (park with

care) and look out over this area, which is called Goodwin's Point on topographical maps. It is a wonderful series of small ponds and a larger oxbow pond all bordered by large farm fields. It is a beautiful spot that attracts common waterfowl such as American Black Duck, Mallard, both teal, Wood Duck, Hooded Merganser, Northern Pintail, American Wigeon, and geese. Several dowitchers were reported here one spring. Another approach to Goodwin Point is to walk the railroad tracks from the north end of Sewalls Falls (near the bridge); this gives you the added bonus of getting closer to both the ponds and the main river. During the summer of 2005 Virginia Rails and a female Northern Harrier were seen in the Goodwin Point area and it is reliable for flocks of Horned Lark, Snow Bunting, and Rusty Blackbird in the late fall and early winter.

9. River Road/Crete's overlook. Continuing on, drive into the village of Penacook and head north on Main Street; turn right onto East Street and in about 0.5 miles, just after crossing the Boscawen line, you will cross the Contoocook River. Take an immediate right onto Commercial Street and go down past the abandoned tannery. Stop where the Contoocook flows into the Merrimack near the Hannah Duston Memorial. This is another good place, especially when the river is frozen elsewhere. Walk downstream toward the memorial and scan the river. Continuing north on Commercial Street, cross Rt. 4 onto River Road. You will pass large corn fields that have the potential for waterfowl, shorebirds, and hawks. This huge corn field is known as "Martin's" and it is permissible to walk into it toward the river. Please do not block the access road to the field.

Several hundred yards out into the field is a low spot, not visible from the road, that can be loaded with ducks in the spring. One spring day there were several hundred ducks including Ring-necked Duck, American Wigeon, and Wood Duck that were being harassed by a coyote and a Northern Goshawk. If you walk out into this field, do not block the access roads, and wear boots, as it is usually quite muddy.

But the best birding is at the "Big Bend" in the Merrimack River, just a little further along River Road in Boscawen. There is a small parking area just off the road near the north end of the huge corn field (Martin's). This is private property and therefore subject to change, but as of 2006 we have had no problem parking here for short visits. Make sure you do not block the access to either the parking area or the farm field. Walk north (left) along the old railroad tracks at the edge of the field. After 5 or 10 minutes, you will see the river. Proceed slowly and quietly so as not to disturb the birds on the river. A scope is almost essential here. This spot is great in the spring and is one of the most reliable places in March and April for the rarer waterfowl such as Gadwall, scaup, both teal, Northern Pintail, Great Cormorant, Barrow's Goldeneye, and all three grebes.

We'll continue our exploration of birding the Concord area with a trip through the lakes, ponds and marshes, fields, and woods in a future issue. Any comments, questions, corrections, or bird sightings are welcomed by the author.

*Bob Quinn is a New Hampshire native who has birded throughout 49 states. He worked for New Hampshire Audubon for nine years and continues as an active volunteer. With his business, Merlin Enterprises, he has led dozens of field trips throughout the world. For 20 years he was the summer editor for New Hampshire Bird Records. He was a founding member of the NH Rare Birds Committee, and has a keen interest in the breeding birds of New Hampshire. Contact him at raqbirds@aol.com.*

## Photo Gallery

### Western Reef-Heron

**D**uring its 34-day stay along the coastlines of Maine and New Hampshire, the Western Reef-Heron became possibly the most photographed heron in the states. Everyone not only wanted to add the bird to their life list but more importantly wanted a good photo as indisputable proof. Its appearance was truly a phenomenon in the birding world that you can see captured in some of the images below and read more about in the article on page 50.



*All eyes are on the Western Reef-Heron. Photo by Lillian Stokes.*



*Up close to the Snowy Egret and Western Reef-Heron. Photo by Lillian Stokes.*





*Western Reef-Heron alongside a Snowy Egret.  
Photo by Lillian Stokes.*



*Springing up above the water as it feeds.  
Photo by Lillian Stokes.*



*Western Reef-Heron compared to a Snowy Egret and Great Blue Heron. Photo by Scott Spangenberg.*

## Volunteers and Research

### Shorebird Use of Hampton Marsh

by Peter McKinley

In July of 2006, I met New Hampshire Audubon colleague, Pam Hunt, in Hampton for a tour of New Hampshire's largest salt marsh. My new job as a recently hired conservation biologist would be to survey migratory shorebird distribution, abundance, and use of the marsh and greater estuary located in the towns of Seabrook, Hampton Falls, and Hampton. This study was conceived not only to provide accurate population estimates for the shorebirds, but also to learn more about areas of high conservation value in the estuary through studying the birds' daily and seasonal use of various components of the landscape. On that July day, Pam and I circled the estuary by car and on foot as we visited some of the better known areas frequented by local birders. We watched a variety of species as they foraged and roosted in such places as Henry's Pool, Meadow Pond, Depot Road, Willow Flats, Harbor Flats, and Landing Road.



*Semipalmated Plover and Sandpiper*  
by Debbie Stahre, 8/21/06,  
Seabrook, NH.

The salt marsh pool at Landing Road leaves an immediate impression upon anyone who visits at the right time. Birders and non-birders alike usually react with a "Wow!" when they look up to see hundreds of Semipalmated Sandpipers and Semipalmated Plovers variously foraging, resting, and preening in plain view as close as 50 feet away. You might notice several other species mixed in as well. There is the slightly comical but deliberate sewing machine action of the Short-billed Dowitchers probing the mud for a meal, Greater Yellowlegs sprinting erratically in several directions in pursuit of small fish, or per-

haps a heron standing still at the far edge blending in with the tall cord grass.

It is hard not to ask yourself several questions starting with, "Why are so many of these birds here in this one relatively small patch of marsh?" A visit later that day or the next might show a pool temporarily void of any birds, whereupon you wonder, "Where are they now and why are they not here? Could they be in a similar, as yet unknown, pool in the vast expanse of the marsh, or perhaps over at Henry's Pool at the moment, or out on the exposed harbor flats or maybe roosting somewhere?" Finally, the sound of cars whizzing by on Route 101, a stone's throw away, might prompt you to wonder, "Are this pool and other important components of the landscape adequately protected from disruption of water cycles, land conversion, pollutants, and human disturbance?"

Based upon the previously documented use of individual areas in "Hampton Marsh," many people in the conservation community thought this marsh and estuary were probably important to migratory shorebirds (and numerous other organisms and ecological processes). There was only so much, however, that could be concluded

from data collected by one individual, in one place at a time, over a 4,500 acre landscape. An accurate survey of shorebird diversity and abundance would require the efforts of a team of observers stationed across the marsh simultaneously through the tidal cycle. This would help to answer such questions as what proportion of the total population of Semipalmated Sandpipers in the greater estuary was at the Landing Road pool on that July morning and where were they when not at the pool?

For this study, I established a schedule of regular visits to designated locations throughout the marsh by individuals and teams of observers working simultaneously. Surveys started in July and continued through the fall. Volunteers were a key part of this work and special thanks go to Terry Bronson, JoAnne O'Shaughnessy, Joan McKibben, and Ed Broad for their help. Our combined observations documented the total abundance and residence times of over 20 species of migratory shorebird using the marsh. Simultaneous observers working across the estuary documented higher numbers of some species of shorebirds than previously recorded. This work also revealed extensive foraging flats and roost sites previously undocumented. Team members in kayaks surveyed extensive areas of the estuary, revealing a daily pattern of shorebird movement that tracks recently exposed flats from the front of the harbor to the back on the dropping tide, and then in reverse as the tide rises. These simultaneous observations also revealed movement patterns that affirm the biological contiguity of the Great Marsh that spans Massachusetts and New Hampshire. The teams' data allow us to infer that several species of shorebird move back and forth over the state line in their daily foraging and roosting routine across the Great Marsh.

Places such as the Landing Road pool have turned out to be rare and particularly important roosting and high tide foraging sites. The freshwater recharge from a nearby red maple swamp keeps a constant water volume and prey base available to birds seeking a roost with supplemental foraging. Other discoveries included roosting areas at the mouths of several creeks and along the front of the harbor on banks of spartina susceptible to human disturbance and land use conversion.

Just as interesting, and sometimes even more informative than those areas used by birds, are those areas not used. This is the stuff of conservation problem solving. When we find what appear to be potential roost sites or foraging areas that are never or are rarely used, we can frame questions about potential problems in the estuary that might benefit from a new policy or conservation related effort. Last summer's work has generated a list of just such areas, with more site specific information needed to figure out why some areas are largely void of shorebird use.

In the 2007 field season we hope to expand our network of volunteer field researchers. If you would like to help, please contact me at pmckinley@nhaudubon.org, 603-224-9909 x329. All levels of experience are welcome as we will provide any training needed.

*Peter McKinley is a staff biologist for New Hampshire Audubon and spends most of his time working on the Hampton Marsh Project. Peter divides his time among field work, data analysis, and convening the various stakeholders with an interest in the conservation and restoration of the Hampton Marsh and Estuary. He is always looking for more volunteers to participate in the shorebird surveys and to help promote the project and its goals.*

## Answer to the Photo Quiz

by David B. Donsker

Our Photo Quiz this season has a little twist to it. Instead of one bird to consider, we are challenged with the identification and separation of two quite similar birds.

Both individuals are generally dark, long-necked, long-billed, and fairly long-tailed birds roosting in a semi-upright posture with their wings partially spread out. Only two groups of birds in our region regularly combine dark plumage with this wing fanning behavior (a form of “sunning” that is adapted either to dry the wing feathers and/or to regulate body heat): New World vultures and cormorants. Bill shape and neck length eliminate the relatively small-billed, short-necked vultures. That leaves the cormorants as the obvious conclusion for our subject birds.

Two species of cormorant are found in New Hampshire. Double-crested Cormorant is a common summer resident on our coast and, to a lesser extent, our inland lakes. Great Cormorant breeds on the rocky coasts and offshore islets of “Down East” Maine and Atlantic Canada and is a fairly common winter visitor to our coast in the late fall and winter.

Although the species are superficially very similar, you can separate them fairly easily with good views and careful observation of the differences in soft part coloration, plumage, and structural features.

Great Cormorant, true to its name, is heavier (nearly twice the weight) and larger than Double-crested Cormorant. It also has a blockier head, heftier bill, and a proportionally shorter tail. But these features can be surprisingly hard to judge unless the two species are observed side by side, which, given their differing seasons of occurrence, is an unusual event.

As adults, both species are generally uniformly black. Adult Double-crested Cormorant in breeding plumage displays a bright orange throat and, if you observe carefully, two distinctive crown plumes. On the other hand, Great Cormorant has a largely white throat, some white frosting on the side feathers of the head, and a very distinctive white flank patch.

In non-breeding plumage, many of these distinctive marks disappear except for the throat color, which remains the single most reliable field mark for separating these two species in this more difficult stage of plumage.

Juvenile (first year) birds of both species differ from the adults with their browner and less uniform body plumage. As in adult birds, the skin at the base of the bill (and much of the face) is orange in Double-crested Cormorant, although the orange throat is much reduced in size. Juvenile Great Cormorants, much like adults, have white throats. Their bills are gray and the skin at the base of the bill is yellow, not orange. Even at a distance, the white throat of Great Cormorant and orange face and bill of Double-crested Cormorant are good differentiating features.

An even better way to separate the two species in juvenile plumage is to notice the distribution of pale feathers on the birds’ breasts and bellies. Although young Double-crested Cormorants can be variably pale below, most individuals have pale breasts and

darker bellies. In contrast, juvenile Great Cormorants have white bellies that contrast with their darker brown necks and breasts. So, conveniently, the two species show the exact opposite coloration patterns on their underparts.

Our two photographs show the distinctive structural and plumage differences between these similar species very well. The smaller-headed, thinner-billed bird with the pale breast is a juvenile Double-crested Cormorant. The cormorant with the proportionally larger head, heavier bill, white throat, and white belly is a young Great Cormorant.



The individual subjects of these two photographs are interesting individuals in their own rights in that both were observed at unusual times of the year and/or in unusual locations. Most Double-crested Cormorants leave New Hampshire for the more southern coastal states by the end of November, although a few stragglers can be seen through early winter. This juvenile Double-crested Cormorant was photographed by Bruce Goodwin at Chapman's Landing in Stratham during the Coastal New Hampshire Christmas Bird Count on December 14, 2005. It was only one of two Double-crested Cormorants tallied on that particular count. The young Great Cormorant was even more unusual. It was observed and photographed by Bob Bennett on Bow Lake in Strafford on September 11, 2004. Great Cormorant typically arrives in New Hampshire in mid-October and leaves by the end of April. Its occurrence in New Hampshire only briefly overlaps with that of Double-crested Cormorant during the late fall and early spring. Furthermore, it is almost exclusively a coastal bird. Thus, this young Great Cormorant that showed up during the early fall on an inland lake is doubly unusual for both place and time.

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- Sibley, D. 2000. *The Sibley Guide to Birds*. Alfred A. Knopf, New York, NY.
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## Corrections

The following corrections were found after the issue was published. Minor typos are not included. Please let us know of any inaccuracies you find in any issue so we can correct the computerized data file of sighting records.

### Summer 2004

- p. 11 In the Raptors Summary, the second line of the last paragraph, there were no Merlins seen in Hampton.
- p. 13 In the Waders and Shorebirds Summary, the second line of the third paragraph should read “start the southward movement in early July” not mid-July.
- p. 16 There were 550 and 740 Wilson’s Storm-Petrels not Wilson’s Snipes seen on 07-14 and 07-18 on the NH coast and should appear on p. 8.
- p. 24 Seven Tufted Titmice not Willow Flycatchers were seen on 06-13 in Weare.
- p. 35 There was 1 not 17 Indigo Bunting seen on 06-08 in Dover.
- p. 39 Black-billed Cuckoo not Yellow-billed Cuckoo should be listed in species reports received but not listed.

### Fall 2004

- p. 11 In the Herons through Cranes Summary at the end of the last line of the first paragraph it should read “and only the fourth fall record since 1995”.
- p. 31 Species American R.in should read American Robin.
- p. 39 Ten Baltimore Orioles were seen on 08-31 not 110 on 08-30 in Kensington.

### Winter 2004-05

- p. 5 In the Waterfowl Summary, the last sentence should read, “on the North Shore of Boston, MA, or Rye, NH.”
- p. 10 Golden Eagle sighting was actually a Palm Warbler and should appear on page 17.
- p. 11 In the Plovers through Alcid Summary, first sentence, the “flock of 100” should be “a single bird”. (It is still an unusual sighting for December.)
- p. 14 In the Chickadees through Waxwings Summary, the last line should be “two winter reports” not three reports.
- p. 17 In the Warblers through Sparrows Summary, sixth sentence, insert “Chat” after “Yellow-breasted”. Delete the last sentence since a Fox Sparrow was reported on page 18.
- p. 19 The Savannah Sparrows appear in the wrong location. They should be on page 18 between Field and Fox Sparrow.
- p. 36 In the bar graph, a 1984 Christmas Bird Count record for Yellow-throated Warbler was not included.

## Abbreviations Used

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	TNC	The Nature Conservancy
NA	Natural Area	WMA	Wildlife Management Area
NHA	New Hampshire Audubon	WMNF	White Mountain National Forest
NHBR	New Hampshire Bird Records	WS	NHA Wildlife Sanctuary
NHRBC	NH Rare Birds Committee	~	approximately
NWR	National Wildlife Refuge		
PO	Post Office		
R.	River		

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## What a Spectacular Fall Season!

**H**aving one state record in a season is excitement enough but this fall we had two! While the Western Reef-Heron stayed longer and was well photographed, the brief appearance of a Fork-tailed Flycatcher was also captured on film. Both were well deserving of a spot on the front cover as was another major bird of the fall season. With only seven published reports in New Hampshire, the sightings of a Northern Wheatear in Salem and Rye also caused a stir among birders. (For a detailed synopsis on Northern Wheatears in New Hampshire see the article in *New Hampshire Bird Records*, Spring 2006). We thought you'd enjoy color photos of these spectacular rarities.



*Fork-tailed Flycatcher by Iain MacLeod, Rye, NH.*



*Northern Wheatear by Mark Suomala, 9/14/06, Salem, NH.*



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