

# NH Audubon **Afield**

SPRING 2019







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#### NH Audubon Afield

Dyanna Smith, Editor/Designer

## FROM THE PRESIDENT'S DESK

A friend of mine asked me the other day if I had seen the report in the scientific journal *Biological Conservation* that he called "Insect Armageddon." Summarizing 73 studies worldwide, they point to insects declining at a rate eight times faster than mammals, birds, and reptiles. Primary causes of insect decline include the usual suspects: habitat loss, overuse of pesticides and fertilizers in industrial agricultural settings, pathogens and introduced species, and climate change.

Declines in monarch butterflies and honey bees have drawn attention to this issue, but much more conservation action is needed. The loss of insect species will result in more than declines in pollination services. Nearly all migratory and resident songbirds rely on insects to ensure their young survive.

Also in the news recently is data showing climate change having a disproportionate impact on the Northeast United States (including New Hampshire). New information and reporting by the Union of Concerned Scientists shows that changes in the Northeast include sea level rise faster than elsewhere, temperatures rising faster than elsewhere, earlier spring, warmer summers, warmer winters with less snow, earlier ice-out, and more extreme storms and flooding. These changes are already impacting both human and natural landscapes.

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*Protecting New Hampshire's  
natural environment  
for wildlife and for people.*

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**Luckily, there is good news to celebrate.** In a rare display of bipartisan cooperation, the US Senate voted 92-8 to pass Senate Bill 47, which among other things, permanently reauthorizes the extraordinarily important Land and Water Conservation Fund (LWCF)—one of our country's most successful federal funding sources protecting natural habitats and green space. The bill heads to the House next, where there is also widespread support. NH Senators Shaheen and Hassan have been champions on this bill, which directly enhances protection of the Nashua River (Wild and Scenic Designation) and re-designates St. Gaudens as a National Historic Park.

It is exciting that protecting wildlife and habitats is currently one issue that garners broad support. I hope you will continue to help NH Audubon fight the good fight to protect our natural environment for wildlife and for people.

Doug Bechtel  
President

## Cover Photo:

The photo Mossy Cascade was taken by Noah Bagley (age 14) winning him Best in Show for the 2018 Wild NH Photo Contest. He shares:

"On our descent from the summit of Mt. Waumbek, we stopped to explore the river running along Starr King Trail. I had recently bought a neutral density filter and was excited to try it out. I got up close to the cascade to capture a wide view of the water flowing over the bright green moss. I am honored to have my photo selected from so many amazing images of nature in NH."

*See page 10 for more photo contest winners and details on this year's contest.*



# NATURAL ENCOUNTERS

By Shelby Bernier, Education Coordinator



## our peeps

COOL STORIES ABOUT PEOPLE



*Photos, courtesy of Natural Encounters, Inc: Shelby teaches Athos the Military Macaw to follow her instruction (top), a close encounter with Jackie the African Fish Eagle (above), and the workshop group, celebrates after receiving their completion certificates at the final dinner.*



This winter, I had the honor of attending the 2019 Professionals Contemporary Animal Training and Management Workshop at Natural Encounters Inc, in Florida. The weeklong training was filled with amazing information that I am already using to enhance the training of our ambassador raptors, including new handling techniques and new educational programming ideas. In fact, McLane's resident Barn Owl is quickly picking up these new skills.

Every day included lectures with leaders in the field of animal training, covering everything from the science of behavior to maximizing positive reinforcement, and connecting with audiences. Then we spent a large portion of our day with our assigned animals teaching them different skills. I spent the week working with a Military Macaw named Athos, a Pied Crow named Bob, and a Goat named Libra.

This training was one of the most rewarding things I have experienced in my life. It taught me more in a week about animals and their behavior than I've learned in all my schooling. I made some fantastic friends (birds and human) that I will never forget. This opportunity wouldn't have been possible without funding through the Red Acre Foundation who has been supporting our animal care at McLane Center for over 6 years!



# NH's 39<sup>th</sup> Annual Mid-winter Eagle Survey

by Chris Martin

We recently wrapped up the 39<sup>th</sup> annual New Hampshire Mid-winter Bald Eagle Survey, our part of the national effort coordinated by the U.S. Geological Survey. Our 2019 count tallied 85 Bald Eagles and 1 Golden Eagle seen across New Hampshire on Count Day. The weather on January 10<sup>th</sup> for the Lakes Region count was mostly cloudy and breezy with snow showers. The Statewide count on January 12<sup>th</sup> featured bone-chilling cold but clear skies. A record-high total of 120 volunteer observers participated in our 2019 Count Day, during which they located 85 Bald Eagles (52 adults, 31 immatures, 2 unknown age), about 12% lower than the record-high of 95 birds seen in 2017.

The official Count Day occurs within a more inclusive two-week Count Period, which spanned the interval from January 5-19, 2019. We keep track of all eagles seen during this 15-day interval. Any additional individuals that are reported during the Count Period, and which are obviously different (either by plumage or location) from Count Day birds, are added to calculate an overall Count Period total. During this year's Count Period, we documented a remarkable total of at least 129 Bald Eagles (80 adults, 47 immatures, 2 unknown age).

So, where were all these eagles found during the 2019 Mid-winter Survey? We located most eagles in the state's five major watersheds, and in association with nests sites scattered widely across the state:

Androscoggin River: total of 4 Bald Eagles seen, including just 1 individual seen on Count Day, plus 3 additional Bald Eagles confirmed during the two-week Count Period.

Connecticut River: outstanding total of 39 Bald Eagles seen, including 23 individuals seen on Count Day, plus 16 additional Bald Eagles confirmed during the Count Period; in addition, 1 immature Golden Eagle confirmed both on Count Day and on multiple days during the Count Period (this was only the



*An adult Bald Eagle finds lunch on a pond in Lancaster. Photo by Jack Dorsey.*

second time a Golden Eagle has been recorded in NH during the Count Period, and the first time on Count Day itself).

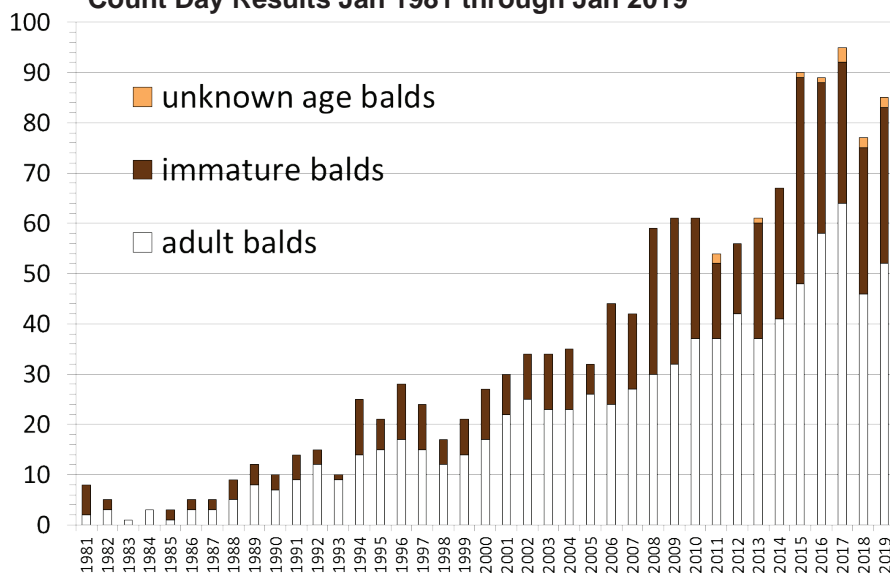
Great Bay/Coastal: total of 24 Bald Eagles seen, including 19 individuals seen on Count Day, plus 5 additional Bald Eagles confirmed during the Count Period.

Lakes Region: total of 27 Bald Eagles seen, including 21 individuals seen on Count Day, plus 6 additional eagles confirmed during the Count Period.

Merrimack River: total of 30 Bald Eagles seen, including 17 individuals seen on Count Day, plus 13 additional Bald Eagles confirmed during the Count Period.

Saco River/Ossipee River, and from elsewhere across NH: total of 5 Bald Eagles seen, including 4 individuals seen on Count Day, plus 1 additional Bald Eagle confirmed during the Count Period.

## New Hampshire Mid-winter Bald Eagle Survey Results: Count Day Results Jan 1981 through Jan 2019



Our monitoring and management work is funded in part by NH Fish & Game with additional funds from the Knopf Family Foundation. Donations made directly to NH Audubon's Conservation Department in support of this work are always welcomed.

With completion of the 2019 Mid-winter Survey, NH eagle-watchers turn their attention toward the Bald Eagle breeding season. In March, most of our 65+ territorial pairs will be laying eggs and beginning their 5-week incubation period. Please watch for, and report, courtship or nesting activity that you observe as NH Audubon continues to monitor and manage NH's breeding eagles in collaboration with NH Fish & Game.

Thanks once again to each and every one of you who donated your time and skills to participate in this year's successful New Hampshire Mid-winter Bald Eagle Survey!

## Searching for Eagles in New Castle

by Dyanna Smith

It is January 12, 2019, and I am up with the sun to join a few other hearty souls for the annual Mid-winter Eagle Survey. I want to learn more about the survey and get involved, so Chris Martin has connected me with coastal birder and long-time eagle counter, Dave Tucker. Luckily, Dave has no problem being as much a target of my observations as the eagles we are hoping to find.

It has been a while since I've participated in anything outdoors in winter that lasted more than 3 minutes exposed to the elements. The weather report predicted single-digit temperatures and in preparation I scour the house for long underwear, or anything wool, that will get me through the morning. Not having planned ahead very well, I end up with way too many layers under a restrictive outer shell that is making me feel—and move—like a toddler in a snow suit. I just need someone to put my mittens on for me!

It is 6:45am, 4 degrees, and go-time. In the distance it takes me to close my front door and get to the car, I regret all of my choices. Oh well, the eagles are waiting!

I meet Dave and fellow seacoast birder Heather Rutledge in New Castle at 7am. Not being able to bend well this bundled up, I gently sort-of *fall* into the front seat of Heather's car, where I am greeted with warm smiles, a heated seat, and Led Zeppelin playing softly from the stereo. It feels like the perfect start.

Our first stop is to view a local nest that we've known about since 2011. We park and walk out onto a grassy peninsula, boots teetering over the raised edges of deer tracks frozen in the mud. As we turn the corner, a view of the water and opposite shoreline reveals itself at the same time a blast of frigid wind slams into our faces.

"Spiteful!" Heather says to the wind with emphasis, as my eyes start watering and my vision blurs.

"The nest is right across the water, where the pine trees make a 'V,'" Dave points across the inlet. I can barely see in my now steamed-up binoculars but begin searching. The nest is so big I almost miss it because I am looking too hard into the trees. As my eyes adjust, it seems almost comically out of place, it's so obvious.

"I don't see any eagles," Dave says. Heather agrees. We scan the area quickly then get out of there, faces burning and fingers numb even through gloves.

After checking the nest, we spend the morning jumping in and out of the car along many spots that give us different views of the edges and inlets along the Piscataqua River, looking for any large perched bodies with white heads.

Around 10:30am we pull into Great Island Commons and drive down to the rocky ledge. It is a wide view and no other cars block the way, so we scan the river from inside the car. It is 8 degrees outside. Mergansers, Black Ducks, Common Loons, and one Red-throated Loon. No eagles.

I see a big splash in the river to our right. "It's probably some waterfowl diving," Dave suggests. They are both being so great answering the million questions I'm asking. "I see a loon off to the left," he continues. More splashing happens further into the channel. A closer look reveals two Common Loons splashing around, moving in tight circles.

"They're playing," we agree. We keep watching them (since New Castle seems eagle-free this morning). The splashing goes from fun to frightening as the loons suddenly shift their bodies upright in the water, moving vertically and rowing their wings to gain speed across the surface. They are running a huge distance over the surface and not slowing down—as a matter of fact, it feels more and more intense.

The back loon catches up and jumps on the first loon which scoots out and the chase continues. Over and over, the back loon keeps zinging forward and landing on the first one, who just barely escapes each time.

"Oh, no," Heather says in a low voice, "is this going to end badly?"

We are breathless, watching the drama unfold, with Zeppelin's *Achilles Last Stand* offering up a bizarrely perfect soundtrack. The back loon jumps on the front loon and they both go down, disappearing beneath the river's surface. It's the first time they've stopped running since we noticed them. We fall silent and wait.

They are not coming up...

Still not up...

My heart sinks. What are we watching?

Still not up...

An impossibly long time passes.

"I see one up, to the left!" Dave reports. We keep scanning the water, hopeful.

"I see another one, to the right." Heather says. The loons are significantly far apart. We watch for them to re-engage but they stay separated. We let out a collective breath and take a moment.

"Okay. Next stop." Dave says.

Not quite giving up on the eagles, we try a few more locations. Driving past summer homes along the river, we admire what it must be like to live there. As we drive away, I turn to look over my shoulder longingly...and I see one.

"Over there!" I exclaim, pointing. "There he is!" A huge, dark oval-shaped figure sits low on an empty tree in the quiet. We stop the car and get out, moving towards it a little.

"And now it's aware of us," Dave says gently, reminding me to *chill out*. Granted, the eagle was 50+ yards away, but we are the only thing happening in this peaceful spot all of a sudden.

We watch it for a little while in the silence of the winter morning, content for a few moments with our find. And then the cold wind chases us back into the car. A few more stops and we are finished.

2019 Mid-winter Eagle Count: New Castle Bald Eagles = 1.





# The Celebrated Amoskeag Fishways Says Thank You

On March 8<sup>th</sup> our riverside year round environmental education center that we know and love as the Amoskeag Fishways undergoes a major change. The partnership between NH Audubon, Eversource, NH Fish & Game, and the US Fish & Wildlife Service is ending. The new owners of the Amoskeag Fishways facility will continue to staff a program during fish season—the four months between April and July when fish are migrating up the Merrimack River.

We have had an amazing run as partners, science interpreters, educators, and creators of meaningful programs and exhibits that *Celebrate the Magic of the Merrimack*. We are so grateful to all of our original partners, and especially to our colleagues at NH Audubon. To past and present Fishways staff members: we truly made a difference, every day, for the city of Manchester, for river wildlife, for our urban wildlife classrooms, and for the unique diadromous fish migration that occurs at Amoskeag every spring. As one student once wrote to us in a thank you note after we taught urban wildlife for his class, “If the only way to save the earth is to eat broccoli, I will!”

Please, continue to visit the fish ladder each spring, continue to care for each other and our beautiful world and continue to support conservation and science education in New Hampshire and beyond. And eat broccoli!

*Thank you, all.*

*Helen Dalbeck,*

*Amoskeag Fishways Executive Director*

Visitors: 660,000

Program participants:  
180,000

School programs: 5,350

Reach: 127,000  
Manchester area school  
children

These are the epic numbers accomplished through Fishways programming since we began teaching in 1991 and became a partnership in 1995.

March 1  
3–5pm  
**FISHWAYS PARTY**  
*Join us for games, fun, and  
a final send-off!*

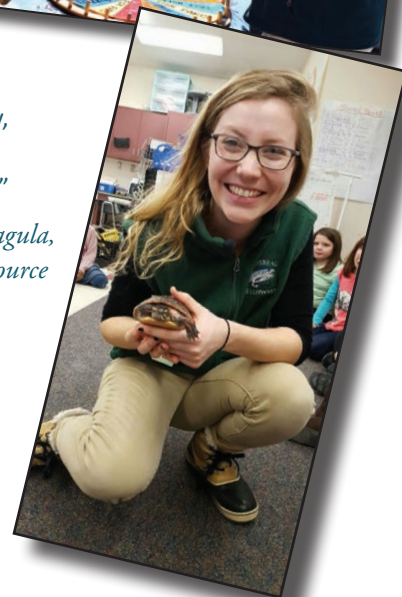






"We have been proud to partner with NH Audubon, NH Fish & Game and the US Fish & Wildlife Service for more than 20 years managing the Amoskeag Fishways, which has engaged thousands of Granite Staters in an exciting program to learn about the environmental importance of the Merrimack River fishery and riverine birds and wildlife. NH Audubon has been an exemplary partner, providing professional staffing and delivering a wide array of leading environmental education programs. While their presence will be missed at this facility, we know that NH Audubon will continue to be a strong environmental leader in the Granite State."

-Bill Smagula,  
Eversource



*Fishways fun over the years (in "Z" pattern): waiting for the salmon release during "Dash and Splash", games with Holly Groh, Callie Ficek showing a turtle to an Urban Wildlife classroom, Kathleen Neville with students along the river, holding a lamprey (by John Hession, 2005), Helen Dalbeck releasing a salmon into the ladder, exploring one of the many educational displays inside the center (by John Hession, 2005). All photos courtesy of Amoskeag Fishways unless noted.*



"It has been a true honor to be a part of the Amoskeag Fishways and help people connect to the Merrimack River and natural world around them. I am incredibly proud of what the Fishways has accomplished and the number of people we have reached over the years. I am blessed to have worked with so many wonderful staff members and partner organizations. I am so grateful to have been a part of this truly special and unique place."

-Kathleen Neville, Fishways  
Education Coordinator

"The US Fish & Wildlife Service has been fortunate enough to have been a partner with NH Audubon, NH Fish & Game, and the dedicated personnel at the Amoskeag Fishways in Manchester for many years. The variety and quality in environmental education programming has been second to none. NH Audubon along with Amoskeag Fishways has taught thousands of students the environmental importance of the Merrimack River fishery both from a historical perspective as well as from a modern day fisheries management perspective. I'd like to thank Helen and her staff at the Fishways for their many years of service."

-Keith McGilvray, Project Leader, Nashua National Fish Hatchery





## PMRO by the numbers



*455 hours of observation*

*4,194 visitors*

*981 students*

*11 area schools*

*8,842 migrating raptors:*

*98 Turkey Vultures*

*181 Osprey*

*176 Bald Eagles*

*64 Northern Harrier*

*668 Sharp-shinned Hawks*

*124 Cooper's Hawks*

*11 Northern Goshawks*

*126 Red-shouldered Hawks*

*6,756 Broad-winged Hawks*

*246 Red-tailed Hawks*

*2 Rough-legged Hawks*

*22 Golden Eagles*

*171 American Kestrels*

*58 Merlin*

*31 Peregrine Falcons*

*87 bird species*

*and 828 Monarch Butterflies*

# Pack Monadnock Raptor Observatory

## 2018 Executive Summary

*By Phil Brown*

The Fall of 2018 was a monumental year for the Pack Monadnock Raptor Observatory at Miller State Park in Peterborough. Pack's 14<sup>th</sup> consecutive season of migration monitoring and outreach saw the addition of a new staffing partner organization to this historic NH Audubon program: the Harris Center for Conservation Education.

In my role as Hawk Watch Coordinator, I was joined by Raptor Biologist Chad Witko and a crew of volunteers and educators. From September 1-November 20, we logged a total of 455 hours of observation time to quantify raptor migration past Peterborough's iconic mountain summit.

The Harris Center's addition also brought a new volunteer educator program to the site, and both organizations partnered on two public events during September to promote knowledge and awareness around raptor migration. By reaching students and their families the Observatory is increasing the environmental literacy of many visitors and residents across the region. In all, some 4,194 visitors, including 981 students from eleven area schools, came to learn about the science and witness the spectacle of raptor migration.

Staff and volunteers tallied 8,842 migrating raptors (well below average and down from 11,804 in 2017). Challenging October and November weather with many rain and high-elevation fog events may have been responsible for this drop. Observations from other migration monitoring sites in the region suggest that the flight shifted to the west this year—perhaps due to the lack of strong cold fronts and the northwest winds that usher birds along.

The two most numerous migrants, Broad-winged and Sharp-shinned Hawks, posted totals well below their long-term averages with only 6,756 and 668, respectively. Biologists continue to track declining



migratory Osprey populations as well, and this year was no different at Pack. Similarly, observers documented declines in Northern Harrier, Cooper's Hawk, Northern Goshawk, and Red-tailed Hawk, strengthening the case for more research and conservation efforts for these species which all show regional migratory declines.

However, the trends were not all negative. Seasonal tallies of Bald (176) and Golden (22) Eagles soared to new records, and two Rough-legged Hawks tied that species' previous seasonal high count. Surprisingly, the declining American Kestrel had a moderately strong showing with 171 individuals counted. Single day tallies of 23 Bald and six Golden Eagles each set new high counts. In addition to raptors, observers also counted 1,833 Canada Geese and 828 Monarch Butterflies as migrating. A total of 87 bird species was tallied from the Observatory, including rare species such as Connecticut Warbler and Boreal Chickadee.

Pack hosted several events around migration this fall, most notably Raptor Release Day. This event was timed with International Hawk Migration Week, which saw peak flights of Pack's most numerous species, the Broad-winged Hawk (76% of the total count in 2018). Aside from the wild spectacle occurring overhead, the day also featured the release of several rehabilitated birds in front of 325 thrilled onlookers, a live raptor show with a NH Audubon naturalist, and interpretive programs led by the Harris Center and the SCA NHCorps.



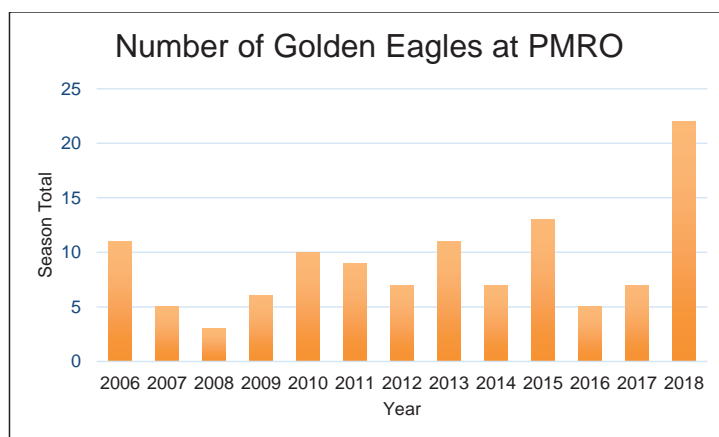
*Photos: Observatory visitor reading the new count sign, by Scott Hecker, and hawk watchers on the platform, by Phil Brown (above); juvenile Northern Harrier, by Andre Moraes (top right); and a passing Merlin, by Judd Nathan (opposite page).*

*Graph: 2018 saw the highest number of Golden Eagles ever recorded at PMRO, with 22 (Chad Witko).*

**To gain a better understanding of the season, including an in depth species analysis, see the Pack Monadnock Raptor Observatory's Fall 2018 Final Report online at: [www.nhaudubon.org/get-outside/raptor-observatories/](http://www.nhaudubon.org/get-outside/raptor-observatories/)**

Pack Monadnock is part of an international effort to monitor birds of prey under the umbrella of the Hawk Migration Association of North America (HMANA). As several of these species are either state-listed (threatened, endangered, or special concern) or exhibit declining migratory trends across the Northeast Region, the Pack's data are particularly relevant as we continue to track these migratory populations year to year. With 14 consecutive years of data, Pack is now a vital contributor to the Raptor Population Index (RPI) analysis, a tool that conservation biologists use to determine populations and trends by region. Because of the site's consistent and long-term dataset, Pack's data (alongside those from other hawk watch sites in the Northeast US and Canada) are analyzed periodically to paint a picture of how migratory populations of raptors are faring.

Financial support in 2018 came from The Gilbert Verney Foundation, Nature's Green Grocer, HMANA's Hawk Watch Fund, Harlow's Pub, the Jack Daniels Motor Inn, and from many individual and organizational sponsors including sustaining donors. Host site Miller State Park and the NH Department of Natural & Cultural Resources continue to support our work onsite, and thanks to a new education partner, the SCA NHCorps. Special thanks is also owed to Francie & Carl Von Mertens, Harris Center volunteer educators, and to ALL of our many volunteers, sponsors, and program participants.







## Wild NH photo contest



The 2018 Wild NH Photo Contest and Fundraiser was a great success with over 250 photos entered and 80 selected to display for the Massabesic Center exhibit. Photos showed the great diversity of New Hampshire's wildlife and landscapes throughout the seasons. Many people came out to meet the photographers and view the photos at the reception in November. Our "Best in Show" winner was Noah Bagley (cover image). It was his first time entering a photo contest!

This year, we are opening the contest on May 25th and adding a new category, "People and Nature." Find out more about the 2019 Wild NH Photo Contest and Fundraiser on our website and submit your favorite image—you may be our next "Best in Show!"

## Upload your photos starting on May 25<sup>th</sup>

2018 First Place Photos (clockwise from top left): Purgatory Falls by Adrienne Bodogh (1st Place: Youth); Salt Marsh with Glossy Ibis by Jeannie Duval (1st Place: Landscape); Wild Iris by Jeannie Duval (1st Place: Wild Plants); Seals on Rock by Jeannie Duval (1st Place: Wildlife); Magnificent Heron by Christopher Stebbins (1st Place: Birds).

*The 2018 contest was made possible by a generous gift from Ed Broad and our sponsor, Hunt's Camera.  
See the Top 75 Gallery: [www.nh Audubon.org/bwg\\_gallery/wild-nh-photo-contest-2018-winners](http://www.nh Audubon.org/bwg_gallery/wild-nh-photo-contest-2018-winners)*



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## Join us for an Earth Day Festival!

Saturday, April 13 • 10 am - 3 pm  
Admission: Individuals \$10, Families \$25



## Help us reach 10,000 Likes!

As of press time, we are up to 9,250 Likes on NH Audubon's Facebook page. Spread the word and help us reach this milestone.

*And don't forget to Follow us, too, and see all the latest news on your Facebook feed.*

@nh.audubon



## In Memorium

**June Merrill** loved her backyard birds. She volunteered for NH Audubon in the 1980s when the Breeding Bird Atlas was underway. Personal computers were in their infancy at that time (remember DEC's and floppy drives?) and June undertook the herculean task of entering into the computer the state's historical sightings from the Birds of New England publication. We remember her dedication, support and friendship.

**Pam Haggarty** was a former Grants Manager for NH Audubon. She brought dedication and skills to the position as well as kindness and a love of the outdoors. Pam was a warm and friendly addition to the staff during her time with us and will be missed.



*Barred Owl sightings are up—on road sides and at bird feeders, even in the daytime. The banner mast crop (seeds and nuts) in the fall of 2017 meant that small rodents, the Barred Owl's main food, were plentiful and produced lots of young in 2018 (remember the gray squirrels last fall?). This abundance meant that owls also raised lots of young last summer. There was a very poor mast crop in the fall of 2018, so we are now seeing all those Barred Owls looking for food wherever they can find it. Photo by Len Medlock.*

*Thoughtful gifts were made by the following individuals and groups in honor of friends and relatives. These gifts are a valuable contribution to the work we do for wildlife and conservation:*

### Memorial Gifts

#### In memory of Betty Parnell:

Mark Austin

#### In memory of Patricia Cate:

Edward Elliot

#### In memory of Marie M. Bryer:

Craig Hervey

Francis S. Collins

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William A. Chirgwin

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Jane Van Dusen

## Grant Acknowledgments

### Knopf Family Foundation

*Bald Eagle Monitoring and Management*

### Parker Nelson Foundation

*Motus Planning in NH*

### Gilbert Verney Foundation

*Pack Monadnock Raptor Monitoring*

### Benjamin and Gertrude Couch Trusts

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**Massabesic Center in Auburn • 603.668.2045**      **McLane Center in Concord • 603.224.9909**

# NH Audubon Spring Afield 2019 • Calendar of Events

Events are free unless noted with \$. FT = Field Trip. R = Registration Required.

For the most up to date event listings, visit [www.nhaidubon.org/calendar](http://www.nhaidubon.org/calendar).



## MARCH

### Crafts & Critter Meet and Greet

Mar 1, 11-11:30am and 2-2:30pm; crafts all day (11am-3pm) • Amoskeag Fishways, Manchester

### Fishways Party

Mar 1, 3-5pm • Amoskeag Fishways, Manchester

### Winter Animal Tracking

Mar 2, 10-11am • \$/R • McLane Center, Concord

### Wee Wonders: Sweet Taste of Spring

Mar 6, 10-11:30am • \$/R • Massabesic Center, Auburn

### Junior Explorers: Life in the Supranivean Zone

Mar 6, 10-11:30am • \$/R • Massabesic Center, Auburn

### Nature Club

Mar 7, 3-5pm • \$/R • McLane Center, Concord

### Hoot 'n' Scoot

Mar 7, 7-8:30pm • \$/R • Massabesic Center, Auburn

### Brockway Wee Explorers

Mar 12, 10-11am • \$ • John Brockway Nature Preserve, Hopkinton

### Trinidad and Tobago - a Birder's Trip

Mar 12, 7-8:30pm • Nashaway Chapter Program, Nashua  
Presenters: Bob Quinn and Becky Suomala

### Exploring Tools for the Citizen Scientist

Mar 12, 7-8:30pm • Mascoma Chapter Program, Hanover  
Presenter: Nathan Sharp

### Brockway Junior Ecologists

Mar 13, 10-11:30am • \$/R • McLane Center, Concord

### Identification of Common Tern Foraging Areas in NH

Mar 13, 7:30-9pm • Seacoast Chapter Program, Rye  
Presenters: Jessica Carloni

### Nature Club

Mar 14, 3-5pm • \$/R • McLane Center, Concord

### Amphibian Crossing Brigade

Mar 14, 7-8pm • \$/R • Massabesic Center, Auburn

### Creating and Teaching in Schoolyard Habitats: Part 1

Mar 16, 9am-3:30pm • \$ • Gilmanton School

### Wee Wonders: Rocks

Mar 20, 10-11:30am • \$/R • Massabesic Center, Auburn

### Junior Explorers: Cookie Mining and Fossil Fuels

Mar 20, 10-11:30am • \$/R • Massabesic Center, Auburn

### Full Moon Hike

Mar 20, 7-9pm • \$/R • Massabesic Center, Auburn

### Make a Home for Wildlife

Mar 20, 7-8:30pm • Ammonoosuc Chapter Program, Bethlehem  
Presenter: Charles Fergus

### Nature Club

Mar 21, 3-5pm • \$/R • McLane Center, Concord

### Birding the NH Coast, Rye to Hampton

Mar 23, 7am-3:30pm • Nashaway Chapter FT, Nashua/Seacoast

### Spring Migratory Waterfowl

Mar 23, 8-11am • Mascoma Chapter FT, Norwich VT

### Bluebird Natural History and Trail Monitoring

Mar 23, 10am-12pm • Massabesic Center, Auburn

### Bob Hull Memorial Walk

Mar 23, 10am-1pm • Seacoast Chapter FT, Durham

### Brockway Wee Explorers

Mar 26, 10-11am • \$ • John Brockway Nature Preserve, Hopkinton

### Brockway Junior Ecologists

Mar 27, 10-11:30am • \$ • John Brockway Nature Preserve, Hopkinton

### Nature Club

Mar 28, 3-5pm • \$/R • McLane Center, Concord

### Mountains of Peru and Macchu Picchu

Mar 28, 7-8:30pm • Lakes Region Chapter Program, Moultonborough  
Presenters: Dana and Bob Fox

### Creating and Teaching in Schoolyard Habitats: Part 2

Mar 30, 9am-3:30pm • \$/R • McLane Center, Concord

### 36th Annual Waterfowl Safari Along the Connecticut River

Mar 31, 8am-1pm • Monadnock Chapter FT

## APRIL

### Wee Wonders: Marsupial Moms

Apr 3, 10-11:30am • \$/R • Massabesic Center, Auburn

### Junior Explorers: Looking into Surface Albedo

Apr 3, 10-11:30am • \$/R • Massabesic Center, Auburn

### Nature Club

Apr 4, 3-5pm • \$/R • McLane Center, Concord

### Everyday Mindfulness for a Meaningful Life

Apr 5, 9:30-11am • \$/R • McLane Center, Concord

### The American Woodcock - Ecology and Management

Apr 9, 7-8:30pm • Mascoma Chapter Program, Hanover  
Presenter: Jim Kennedy

### Brockway Junior Ecologists

Apr 10, 10-11:30am • \$/R • McLane Center, Concord

### A New Revolution in Migration Research

Apr 10, 7:30-9pm • Seacoast Chapter Program, Rye  
Presenter: Carol Foss

### Nature Club

Apr 11, 3-5pm • \$/R • McLane Center, Concord

### Woodcock Walk

Date and location TBA • Mascoma Chapter FT

### Earth Day Festival: Be Water Wise (see pg 10)

Apr 13, 10am-3pm • \$ • Massabesic Center, Auburn

### Wee Wonders: Amphibian Migration

Apr 17, 10-11:30am • \$/R • Massabesic Center, Auburn

### Junior Explorers: Vernal Pool Exploration

Apr 17, 10-11:30am • \$/R • Massabesic Center, Auburn

### The Bears of Katmai

Apr 17, 7-8:30pm • Ammonoosuc Chapter Program, Bethlehem  
Presenter: David Govatski

### Nature Club

Apr 18, 3-5pm • \$/R • McLane Center, Concord

### Both Birds and Beasts from Yellowstone to the East

Apr 18, 7-8:30pm • Lakes Region Chapter Program, Moultonborough  
Presenters: Andy and Beth Greenwood

### Full Moon Hike

Apr 19, 7:30-9:30pm • \$/R • Massabesic Center, Auburn

### Owl Prowl

Apr 20, 4-9am • Seacoast Chapter FT, Durham

### Early Spring at the Blackwater River in Salisbury

Apr 20, 7:30am-12pm • Capital Chapter FT, Concord

### Family Bird Walk

Apr 20, 10-11am • \$/R • Massabesic Center, Auburn

### Woodcock Walk

Apr 22, 7:30-9pm • Capital Chapter FT, Concord

### Brockway Wee Explorers

Apr 23, 10-11am • \$ • John Brockway Nature Preserve, Hopkinton

### Brockway Junior Ecologists

Apr 24, 10-11:30am • \$ • John Brockway Nature Preserve, Hopkinton

### Nature Club

Apr 25, 3-5pm • \$/R • McLane Center, Concord

### Little Rascals Story Time

Apr 26, 9:30-10:30am • \$/R • McLane Center, Concord

### Spring Migrant Bird Walk

Apr 27, 6:30-9am • Mascoma Chapter FT, Hanover

### Birds and Bagels

Apr 27, 9-11am • \$/R • Massabesic Center, Auburn



### Scotland Brook Wildlife Sanctuary Trails Work Day

Apr 27, 9am-1pm • Ammonoosuc Chapter FT, Landaff

### Ponemah Bog Wildlife Sanctuary Trails Work Day

Apr 27, 9am-12pm • Nashaway Chapter FT, Amherst

### Pollinators in NH: Who's Who, How Are They Faring and How You Can Help

Apr 27, 2-4pm • \$/R • McLane Center, Concord

### Beginning Bird Identification with Bob Quinn

Apr 30, May 2, 7, 9, 14, 6:30-8pm, times vary • \$/R  
McLane Center, Concord

### Warbler Wednesdays

May 1, 7-10am • Mascoma Chapter FT, Wilder VT

### Nature Club

May 2, 3-5pm • \$/R • McLane Center, Concord

### Birdscaping: How to Attract Birds to Your Landscape

May 2, 6-8pm • \$/R • McLane Center, Concord

### Feathered Fridays

May 3, 7-10am • Mascoma Chapter FT, Hanover

### NE Wildflower Society Walk

May 4, 11:30am-2pm • \$ • Plainfield Sanctuary

### Basic Map and Compass Workshop

May 4, 1-4pm • \$/R • Massabesic Center, Auburn

### Head's Pond

May 5, 7-11am • Capital Chapter FT, Hooksett

### Warbler Wednesdays

May 8, 7-10am • Mascoma Chapter FT, Wilder VT

### Wee Wonders: Wild About Turtles

May 8, 10-11:30am • \$/R • Massabesic Center, Auburn

### Junior Explorers: Wildflower Hunt

May 8, 10-11:30am • \$/R • Massabesic Center, Auburn

### Exploring the Upper Amazon River

May 8, 7:30-9pm • Seacoast Chapter Program, Rye  
Presenters: Dana and Bob Fox

### Spring Migration at Horseshoe Pond

May 9, 6:30-10am • Capital Chapter FT, Concord

### World Migratory Bird Day at Weeks State Park

May 9, 7am-12pm • Ammonoosuc Chapter FT, Lancaster

### Nature Club

May 9, 3-5pm • \$/R • McLane Center, Concord

### Feathered Fridays

May 10, 7-10am • Mascoma Chapter FT, Hanover

### 11th Annual Tudor Richards Memorial FT/World Migratory Bird Day at Pondicherry Refuge

May 11, 8am-3pm • Ammonoosuc Chapter FT, Jefferson

### Family Bird Day

May 11, 9am-1pm • \$/R • McLane Center, Concord

### Singing With Care

May 11, 2-3:30pm • \$ • Massabesic Center, Auburn

### Birds of the North Country

May 11, 6-8:30pm • Ammonoosuc Chapter Program, Bethlehem  
Presenter: David Forsyth

### Beginner Bird Walk: Pickering Ponds

May 12, 7am-12pm • Seacoast Chapter FT, Rochester

### Brockway Wee Explorers

May 14, 10-11am • \$ • John Brockway Nature Preserve, Hopkinton

### Warbler Wednesdays

May 15, 7-10am • Mascoma Chapter FT, Wilder VT

### Beginner Bird Walk: Pickering Ponds

May 15, 7am-12pm • Seacoast Chapter FT, Rochester

### Brockway Junior Ecologists

May 15, 10-11:30am • \$/R • McLane Center, Concord

### Relocating Turtles - the Good, the Bad and Should We Do It?

May 15, 7-8:30pm • \$ • Massabesic Center, Auburn

### Nature Club

May 16, 3-5pm • \$/R • McLane Center, Concord

### Feathered Fridays

May 17, 7-10am • Mascoma Chapter FT, Hanover

### Weekly Bird Walk for New and Novice Birders

May 17, 7:30-9:30am • \$/R • McLane Center, Concord

### Birds, Blooms, and Brushes: Paint Night

May 17, 6:30-9:30pm • \$/R • Massabesic Center, Auburn

### Birdsong Tune-Up & Fundraiser at Pawtuckaway State Park

May 18, 7:30am-12pm • Capital Chapter FT, Deerfield

### Full Moon Hike

May 18, 8-10pm • \$/R • Massabesic Center, Auburn

### Annual Surry Bird and Bloom Walk

May 19, 7am-12pm • Monadnock Chapter FT, Surry

### Clough State Park, Weare

May 19, 7am-12pm • Capital Chapter FT, Weare

### Beginner Bird Walk: Strafford County Farm

May 19, 7am-12pm • Seacoast Chapter FT, Dover

### First Annual Jack Gleason Memorial Bog Walk

May 19, 8-10am • Nashaway Chapter FT, Amherst

### Warbler Wednesdays

May 22, 7-10am • Mascoma Chapter FT, Wilder VT

### Wee Wonders: Butterflies

May 22, 10-11:30am • \$/R • Massabesic Center, Auburn

### Junior Explorers: Forest Ecology

May 22, 10-11:30am • \$/R • Massabesic Center, Auburn

### Evening Frog Walk

May 22, 7:30-9pm • \$/R • Massabesic Center, Auburn

### Nature Club

May 23, 3-5pm • \$/R • McLane Center, Concord

### Landscaping for Pollinators

May 23, 6-8pm • \$/R • McLane Center, Concord

### Feathered Fridays

May 24, 7-10am • Mascoma Chapter FT, Hanover

### Weekly Bird Walk for New and Novice Birders

May 24, 7:30-9:30am • \$/R • McLane Center, Concord

### World End Pond Paddle

May 25, 7-11am • Seacoast Chapter FT, Salem

### Bedell Bridge Bird Walk

May 25, 7-9:30am • Mascoma Chapter FT, Haverhill

### Intro to Pelagic Wildlife

May 25, 2-3pm • \$/R • Massabesic Center, Auburn

### Pelagic Trip

May 27, 8am-5pm • \$/R • Massabesic Center FT, Rye Harbor

### Brockway Wee Explorers

May 28, 10-11am • \$ • John Brockway Nature Preserve, Hopkinton

### Warbler Wednesdays

May 29, 7-10am • Mascoma Chapter FT, Wilder VT

### Brockway Junior Ecologists

May 29, 10-11:30am • \$ • John Brockway Nature Preserve, Hopkinton

### Nature Club

May 30, 3-5pm • \$/R • McLane Center, Concord

### Dragons and Damsels of NH

May 30, 7-8:30pm • \$/R • Massabesic Center, Auburn

### Feathered Fridays

May 31, 7-10am • Mascoma Chapter FT, Hanover

### Weekly Bird Walk for New and Novice Birders

May 31, 7:30-9:30am • \$/R • McLane Center, Concord

## Ongoing Events

### The Road Not Taken

Through March 28 • McLane Center, Concord  
Artists: Ingeborg V. Seaboyer, Judy Krassowski,  
and Corinne Dodge

### Merrimack River Painters Exhibit

Apr 4- May 31 • McLane Center, Concord

### Stone Ridge Art Studio Exhibit

Apr 27- May 30 • Massabesic Center, Auburn  
Artist: Matt Paterson