



# *Loon Preservation Committee* **NEWSLETTER**

*P.O. Box 604, Lee's Mill Road, Moultonborough, NH 03254; [www.loon.org](http://www.loon.org)*

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SUMMER 2014

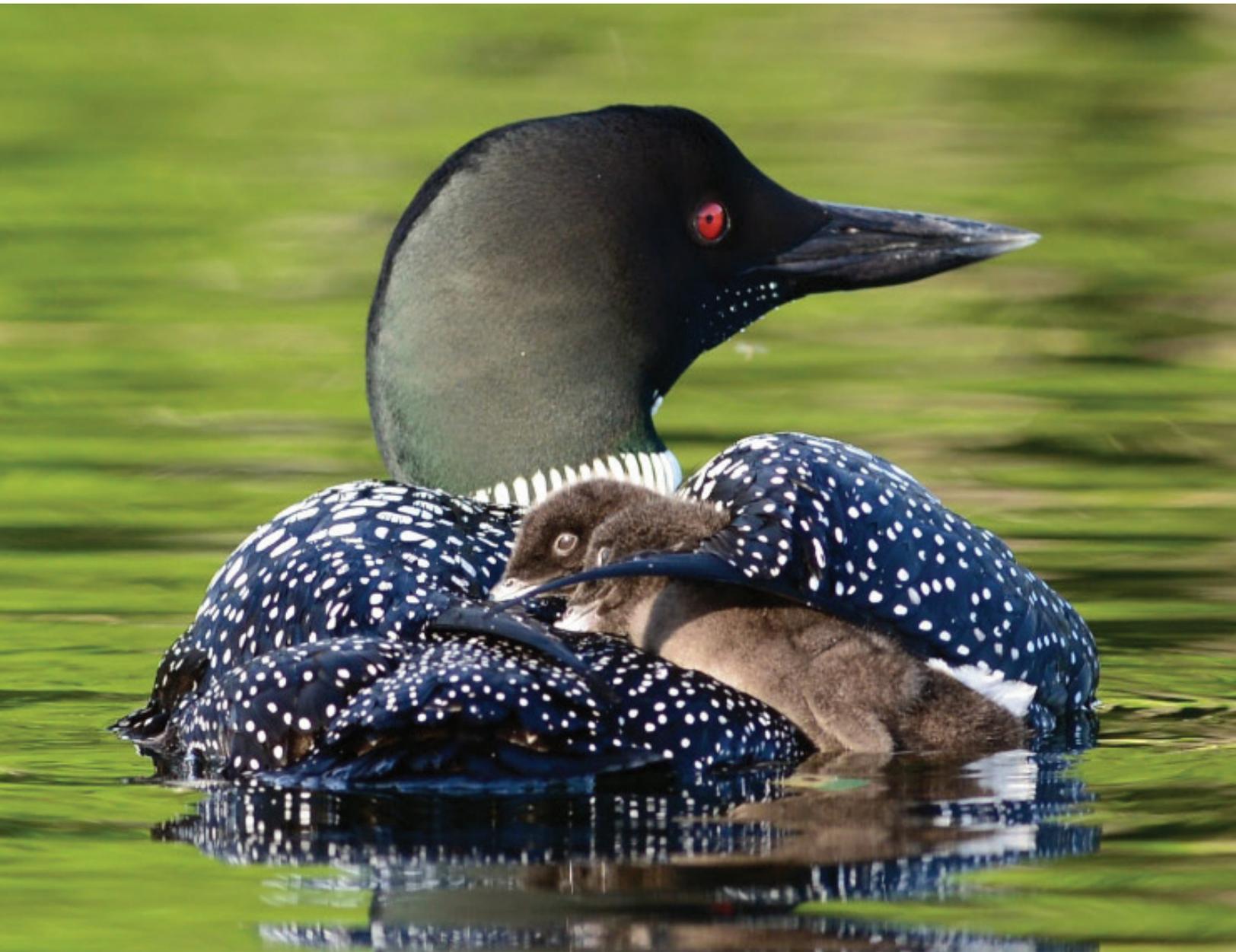


Photo Courtesy of Kittie Wilson

*The Loon Preservation Committee*  
183 Lee's Mill Road, P.O. Box 604  
Moultonborough, NH 03254  
603-476-LOON (5666); [www.loon.org](http://www.loon.org)

*The Loon Preservation Committee (LPC) is a non-profit, self-directed and self-funded organization affiliated with New Hampshire Audubon. Autonomous in membership and fundraising, LPC works to preserve loons and their habitats in New Hampshire through monitoring, research, management and education.*

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## DIRECTOR'S MESSAGE

### *Looking Out Over the Back 40*

By the end of this summer, over 800 volunteers and a small staff of eight field biologists will have surveyed 350 New Hampshire lakes to count loons and help nesting loons hatch their eggs and raise their young. Barring extreme rain events or heat waves (both becoming more common in New Hampshire), our loons should produce more than 100 surviving chicks this summer. Two-thirds of nesting loon pairs will be aided by a nesting raft, a Loon Nesting Area sign, or another of the Loon Preservation Committee (LPC)'s many management initiatives.

The chicks produced as a result of those efforts will need to survive two perilous years on the ocean before first returning to our freshwater lakes in the summer of 2016. It will be another four or five years after that before they secure a territory of their own and start to breed in 2020 or 2021. Those that are successful in finding a mate and a place to nest will have on average one surviving chick every second year for perhaps the next fifteen or twenty years, if they are not brought down by a lead fishing sinker or jig, or some other human or natural cause.

This is the 40th summer that Loon Preservation Committee staff and volunteers have undertaken our work to help New Hampshire's loons. That is longer than any organization has ever worked to recover a loon population, and over those years we've learned a thing or two about how to help loons survive and thrive. And yet, as successful as we've been at helping them cope with their various and usual challenges, we have lately found ourselves challenged to keep up with the new and increasing trials facing loons.

The Loon Preservation Committee's strengths – and the reasons for its success – have always been a laser focus on its mission and its core activities in support of loons. This year, as in the past 39, LPC will carefully monitor New Hampshire's loon population to identify issues affecting loons; carry out research to investigate those challenges and ways in which we can help loons overcome them; and put the results of that research to good use through innovative management to help our loons. Overlaying all of that work will be our education and outreach to teach people about loons and their needs.

Two shot loons and a lead-poisoned loon before the end of May (see page 4) were a poor start to our 40th year of work to recover New Hampshire's loons; but, despite all of their perils and challenges, we have been successful in more than tripling our loon population in that time. LPC was one of the first organizations anywhere to show that it was possible to reverse the decline of a threatened or endangered species. Forty years of good work has shown that New Hampshire can be a home to both loons and people when we value them and respect their needs.



## 25th Meeting of NELSWG Held at Loon Center

On March 17-18, the 25th meeting of the Northeast Loon Study Working Group (NELSWG) convened at The Loon Center with a banner turnout of close to 40 attendees from eight states. Like the Loon Preservation Committee, NELSWG sits at the exciting confluence of research and applied conservation and draws a correspondingly wide audience.

On Monday, LPC biologist Tiffany Grade presented findings from ongoing Squam Lake Loon Initiative investigations and her modeling of population-level effects of lead tackle mortality, and staff biologist Chris Conrod reported on his analysis of milfoil herbicide treatment impacts on loon reproductive success.

BioDiversity Research Institute's David Evers, Michelle Kneeland, and Vincent Spagnuolo described different aspects of BRI's project to reintroduce loons in suitable unoccupied habitat at the historic southern extent of the breeding range, in states like Massachusetts and Wyoming.

On Tuesday, LPC's Susie Burbidge, and Susan Gallo of Maine Audubon, described outreach work related to non-lead tackle, and LPC Winnepesaukee field biologist and Plymouth State University graduate student Melissa Leszek outlined her social science-based research on lead-free fishing. Dr. Nina Schoch, of the Adirondack Cooperative Loon Project, described results from loon health investigations in New York and New Hampshire, and Danielle D'Auria summarized Maine state agency work to incorporate loon monitoring data and criteria into federal and state hydroelectric dam re-licensing. From Tufts University, Dr. Mark Pokras described emerging trends



Photo Courtesy of Nordal Gagnon

in loon health, such as the increased frequency of loon internal parasites of the acanthocephalan group, linked to invasive invertebrates. Dr. Pokras' veterinary students, Julia Graham and Nancy Makuch, gave fascinating accounts of their respective work on the incidence of sternal (breast bone) punctures in necropsied loons and a rock-tumbler device used to simulate loon digestion of stones and fishing tackle.

Coming from farther afield, Dr. Jay Mager of Ohio Northern University detailed his analyses of the vocal networks that loons establish among neighboring lakes in Wisconsin, and how loon calls may function as signals in a collective social network, and not just in one-on-one interactions. Wisconsin loons were also represented by Dr. Walter Piper, of Chapman University, whose work with banded loons has demonstrated "natal habitat preference induction," or the tendency of adult loons to seek breeding territories on lakes of a similar size and acidity (pH) to their natal lake, even when such preference selects less productive habitat.

Finally, based on his studies of wintering loons on the Gulf of Mexico, Dr. Jim Paruk reported on a surprising recent uptick in the concentrations of petroleum-derived PAHs (polycyclic aromatic hydrocarbons) in the body tissues of Gulf loons—several years after the massive BP Deepwater Horizon oil spill. In short, diverse topics and a broad audience made this year's NELSWG gathering another resounding success.

~John H. Cooley

The following loon affiliates presented at the March 17-18 meeting of NELSWG:

Adirondack Center for  
Loon Conservation  
Biodiversity Research Institute  
Chapman University  
Loon Preservation Committee  
Maine Audubon Society  
Maine Department of Inland  
Fisheries and Wildlife  
Ohio Northern University  
Plymouth State University  
Tufts Wildlife Clinic  
Vermont Center for Ecostudies

## *A Sad Start to 2014 Season for New Hampshire's Loons*

The 2014 season got off to a sad and difficult beginning for New Hampshire's loons. In the course of a single week in mid-May, LPC biologists recovered the first loon of the year to die from ingested lead fishing tackle and two loons that were shot on two successive days.

Volunteers near Lake Wentworth State Park spotted a loon thrashing in the water near shore on May 14th, unable to hold itself upright. They put the loon in a box and called LPC. When LPC biologist Tiffany Grade arrived, the loon had tremors and was unable to hold its head up. Fearing lead poisoning, Tiffany took the loon to Meadow Pond Animal Hospital in Moultonborough. X-rays confirmed the presence of lead fishing tackle inside the loon, and, sadly, the loon had to be euthanized.

This Wentworth loon was the territorial male at the State Park, banded in 2009. He had a large abrasion on the back of his neck that was at least several days old at the time he was collected. As often happens with lead-poisoned territorial loons, he was likely attacked by another loon who detected his weakened condition and saw an opportunity to take over his territory.

On May 19th, staff at the Cochecho Valley Humane Society in Dover were walking dogs in the field behind their facility and came upon an injured loon. When Tiffany arrived to pick it up, she saw two blood spots on either side of its chest. She met wildlife rehabilitator Maria Colby at Capitol Area Veterinary Emergency Services (CAVES) in Concord, where x-rays showed a bullet lodged in the loon's leg. In consultation with the vets, it was

determined that it was best to allow the wound to heal around the bullet rather than to extract it. Maria rehabilitated the loon for several days before releasing it on Long Pond in Henniker. Sadly, the wounds sustained by the loon were too severe, and it died a few days later.

May 20th brought a call of a dead loon washed up on the shores of Lake Winnepesaukee in Gilford. The loon was bleeding profusely from the mouth. As a matter of routine, Tiffany took the loon for x-rays to Interlakes Animal Hospital in Meredith and was shocked to discover that this loon had been shot as well. A large bullet had caused massive internal bleeding. In both of these shooting incidents, the projectiles were bullets, not birdshot. The type of projectile and the timing of the shootings (long past duck-hunting season) suggested that these were intentional shootings of both loons. Loons are protected by the federal Migratory Bird Treaty Act and on the list of threatened species in New Hampshire. LPC is working closely with officers from US Fish and



*Squam Lake Project Biologist, Tiffany Grade, measures the bill overlap of a lead poisoned loon discovered on Lake Wentworth, the first confirmed loon of the year to die from ingested lead fishing tackle.*

Wildlife Service and New Hampshire Department of Fish and Game in the investigation of these incidents.

Loon mortality from gunshots is a rare occurrence, accounting for 2% of collected adult mortalities in New Hampshire from 1989-2011. In contrast, mortality from ingested lead fishing tackle is the leading cause of documented adult loon mortality. Adult survival is critical to the species' viability, so the deaths of these three loons has a substantial negative impact on New Hampshire's loon population. The passage of legislation last year to increase protections for loons and other wildlife from lead fishing tackle (SB 89) will help make lead tackle mortality as rare an occurrence as gunshot mortality, if the law is complied with. LPC is working

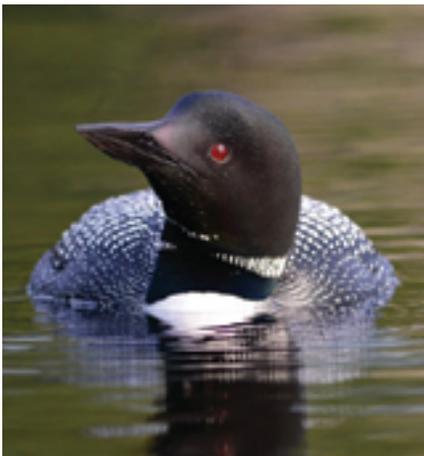
hard to educate the angling public to use only non-lead tackle when fishing.

The shooting of the loon in Dover highlights both the loss of these birds to the New Hampshire loon population and the effect of the loss of an individual from a particular lake. The Dover loon was a male from Northwood Lake banded in 2010. From 2010-2013, he produced five surviving chicks, two each year in 2010 and 2011 and one in 2013. LPC's data shows that the loss of a paired adult reverberates in a territory over several years. With luck, a new male will establish himself in the territory; but the average productivity of a territory declines by 34% over the three years following the death of a pair member. From the level of the population to that of the individual territory, the loss of these three adults and the circumstances of their deaths is a blow to New Hampshire's loon population.

LPC thanks the volunteers who reported these loons, Maria Colby of Wings of Dawn for working to rehabilitate the Dover loon, and the veterinarians and staff of CAVES in Concord, Interlakes Animal Hospital in Meredith, and Meadow Pond Animal Hospital in Moultonborough for their care and assistance with these loons.

~Tiffany Grade

Photo Courtesy of Kittie Wilson



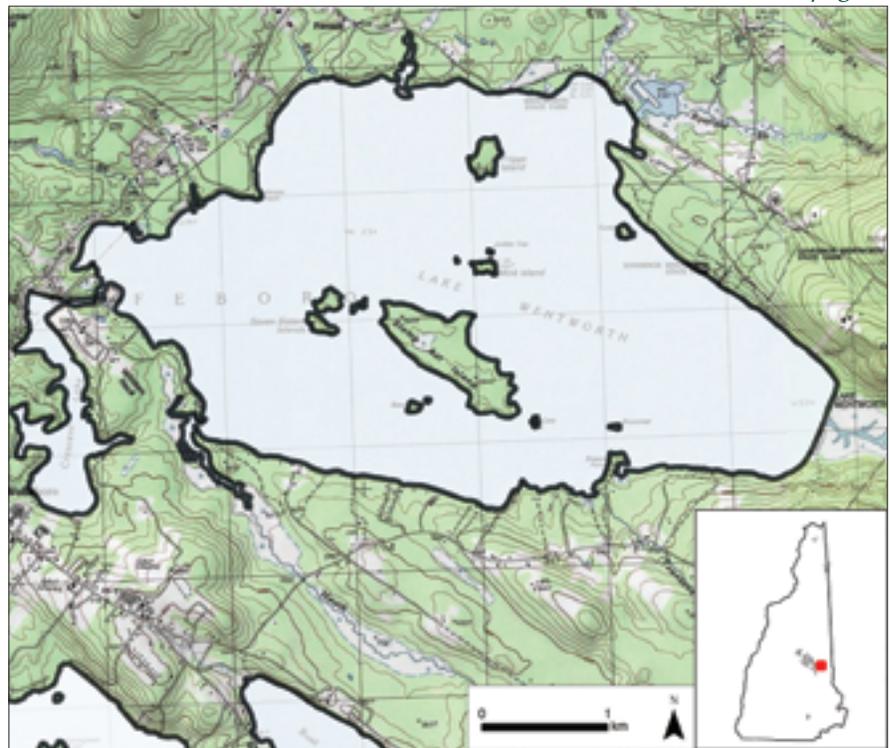
## Spotlight On a Lake: The Island World of Lake Wentworth

On any New Hampshire lake, a little rocky island crowned with a handful of red maples and birches, or sporting a few feet of sandy beach, is a magnet for both loons and humans. With 18 islands and 3,100 acres (1250 ha) of lake area, Wolfeboro's Lake Wentworth has long been a popular summer destination for both species. On Wentworth, as elsewhere, loons are drawn to the relative safety of an island nest from raccoons, foxes, and other mainland scavengers. And bigger islands form good boundaries for the territories that breeding loon pairs defend as their home turf. Lake Wentworth's combination of clear, deep water, surrounding loon lakes, and numerous islands earn it a perfect score on loon habitat models based on New Hampshire data.

Although its biggest island, Stamp Act Island, is not a regular nesting site, the smaller islands

scattered around Stamp Act are. As many as four pairs of loons have used these islands and adjacent coves to carve out their respective corners of the lake in recent years, and carrying capacity estimates suggest that Wentworth could hold a total of six or more potential loon territories. But the Wentworth loon population is still hovering at about half that theoretical upper limit. Annual monitoring since 1975 has detected, on average, less than two pairs of loons per year. Three pairs were recorded in one exceptional year in the 1990s, but it wasn't until 2008 that the population returned to that level. Even in the heart of the Lakes Region – the historic stronghold of loons in New Hampshire – Lake Wentworth has been subject to the same slow, partial reoccupation of available habitat that has marked decades of recovery efforts throughout the state.

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Loon volunteers and LPC field biologists have identified various limiting factors on Wentworth, including flooded, depredated, and disturbed nests, and egg mercury concentrations that (for one of the four Wentworth eggs tested in the last 20 years) approached adverse effects thresholds. Even if some individual nests escape these problems, or the effects of individual problems are modest, the cumulative impact can still be a drag on recovery.

A starker problem is evident in the five loon mortalities collected on Lake Wentworth in the last 26 years. Is five loon mortalities a lot, in that time span, for a lake this size? For a small population with a high natural survival rate the short answer is: "Yes." The Wentworth population has averaged less than five resident adults on the lake each year in the last 26, and with over 90% of adults surviving annually, we would expect a total of about 10 mortalities in that period, from all causes, collected or not. The five collected mortalities therefore account for half of all the mortalities we would expect. The striking fact is that at least three of these mortalities were attributed to human causes. The most recent, this May, was the poisoning from an ingested lead fishing jig of a banded male loon breeding on the State Park territory since at least 2009. Another case resulted from entanglement in monofilament line. A third loon was found to have ingested an unidentified metal object. In the remaining two cases human injury or complication was present, but not clearly the cause of death. One involved a loon that had ingested apparently-benign fishing tackle but died of traumatic injuries consistent with a boat strike, and the other was a loon that succumbed to fungal infection but was found

to have a shotgun pellet lodged in its right leg. In this sorry litany, Wentworth loons again provide a close-up view of a state-wide phenomenon – the critical role of preventable human-caused mortalities in jeopardizing the recovery of the population (see article on page 4 on rescues and mortalities).

Fortunately, the high collection rate described above for injured and dead loons on Lake Wentworth is just one aspect of the duties of a vigorous network of loon watchers and volunteers who play a key role in protecting loons and their nesting habitat on the lake. Led by Wentworth Shores resident Hugh Crawford, the lake hosts a well-coordinated and well-attended annual loon census, protective signs at island

nest sites, and loon nest raft building and use, as well as volunteer boat access for LPC's field surveys of the lake. Loon conservation on the lake fits neatly within a vital tradition of land and wildlife conservation organized by the Lake Wentworth Association and the Lake Wentworth Foundation. After protecting Stamp Act Island in the 1970s, now one of the largest undeveloped and conserved islands in the state, this work has since protected many other shoreline parcels and focused efforts on watershed management and monitoring. Here's hoping that all the local stewardship of loons and their island habitat on Wentworth will be rewarded with a successful 2014 nesting season!

*~John H. Cooley*

## ***Update on LPC's Lead Outreach Efforts***

LPC staff have been working hard to spread the message about the effects of lead poisoning on loons. While Senate Bill 89 (SB 89) was a huge victory and will provide more protection for NH's loons, it does not go into effect until June 2016. It is critical that we continue educating lake users about this important issue now.

In 2013, LPC staff and volunteers gave 113 presentations to audiences around the state. Each presentation included information about lead fishing tackle and loons. In addition, we distributed more than 5,000 "Let's Get the Lead Out" brochures, focusing on keeping loons safe while fishing, and more than 200 "Take Responsibility for Your Lakes & Wildlife" signs which are posted at boat launches and other lake access points. A recent donation to the **Loon Recovery Plan** has allowed us to purchase non-lead fishing tackle, so we now have more than

6,000 sample packets to distribute to presentation audiences, Loon Center visitors, and in the field. Additionally, we are now selling non-lead tackle in our gift shop and in the LPC on-line store. New content has been added to our website which includes a list of over 40 non-lead tackle distributors.

We will continue to educate people through various channels, including our e-newsletter, Facebook page, paper newsletter, and press releases to alert the public of key events during the breeding season. LPC staff members are available to give a presentation on the natural history of loons, threats facing loons and ways we can help protect the loon population in NH. Please contact Susie at [volunteers@loon.org](mailto:volunteers@loon.org) for more information or to schedule a talk.

*~Susie Burbidge*

## SLLI Update: A Cautionary Tale for New Hampshire's Loons

LPC's Squam Lake Loon Initiative is moving closer to understanding what is happening to the loons on Squam and raising new questions about the health of the state's loon population as a whole. As we have been working to understand what happened to the Squam loon population in 2005-2007, we have been confronted with a new question: Why does productivity continue to be so poor on the lake? After last year, when only two chicks hatched and one survived on Big Squam, that question came to the forefront. Although we do not have all of the answers yet, we are getting closer to understanding both what happened from 2005-2007 and in more recent years, and learning just how far-reaching and long-term the effects of a disruption to a loon population can be.

### 2005-2007: Where did the contaminants come from?

LPC has hypothesized five possible explanations for the increase in contaminants in Squam's loons: 1) a possible change in the food web may have forced loons to change their diet and exposed them to higher levels of contaminants; 2) an older population on Squam may have accumulated contaminants over the years; 3) Squam may have a unique hydrology that retains water (and, thus, contaminants) longer than other lakes; 4) a diffuse source (such as septic systems around the lake) may have released contaminants into Squam; 5) a point source (such as an old dumping ground with barrels that rusted out) may have released contaminants into Squam.

New testing and analyses have helped us to eliminate the first

two hypotheses: testing of stable isotopes in unhatched Squam loon eggs from 1996-2012 demonstrated that there has been no change in the Squam loon diet during that time period, and analyses of banded female loons on Squam showed no relationship between contaminant levels and the age of these birds. Regarding the hydrology hypothesis, Squam as a whole has a similar flushing rate to other large lakes, but we continue to investigate whether individual

basins (Squam has 18) hold water longer. Water retention within basins may account for our finding that septic output into the lake correlated with levels of legacy contaminants (such as DDT, PCBs, etc.) in loon eggs, but LPC will be conducting further research on these issues. LPC will also be further investigating the possibility of a point source in the northeastern sector of the lake,



*Squam Lake Project Biologist, Tiffany Grade (pictured), spends a day floating rafts on Squam with the assistance of LPC Staff Biologist, Chris Conrod.*

which the evidence suggests may be the source of the emerging contaminants, like PBDEs (flame retardants) and PFOS (stain repel-

**L**PC's Squam Lake Loon Initiative is moving closer to understanding what is happening to the loons on Squam and raising new questions about the health of the state's loon population as a whole.

lants). It is exciting to have moved closer to understanding the source of the contaminants and interesting to discover that various classes of contaminants behave differently on Squam.

**What is happening to Squam's loons today?**

Contaminant levels have been coming down in Squam loon eggs

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since the critical years of 2005-2007. So why has the population not recovered, and why does productivity remain so low? A possible answer (if correct) indicates how susceptible loons are to perturbations in the population, how far-reaching and long-term the effects of stressors can be, and how close New Hampshire's loons may be to a tipping point that results in population declines, or, in the worst case scenario as on Squam, a population collapse.

LPC has a working hypothesis to explain the effects seen in Squam's loon population. This is a hypothesis only and subject to change as new evidence and analyses become available. Like loons throughout New Hampshire, Squam's loons have been experiencing increasing stressors over the years, from increased recreational pressure to a changing climate that brings increasingly hot summers and more intense precipitation events. In the case of Squam, loons were exposed to elevated levels of legacy contaminants (DDT, PCBs, etc.) compared with other lakes, possibly due to longer holding time of water within basins, but further investigation of this is needed (see above). Recreational and fishing pressure became more intense in the years following 2001, coincident with the reconstruction of the public boat launch in the same year, and mortality from lead fishing tackle doubled (Figure 1). In approximately 2003, the evidence suggests that there may have been an influx of flame retardants (PBDEs) and possibly stain repellants (PFOS) into the lake from a point source in the northeastern sector of the watershed. These contaminants, combined with the already high contaminant body burden loons were carrying from the elevated legacy contaminants,

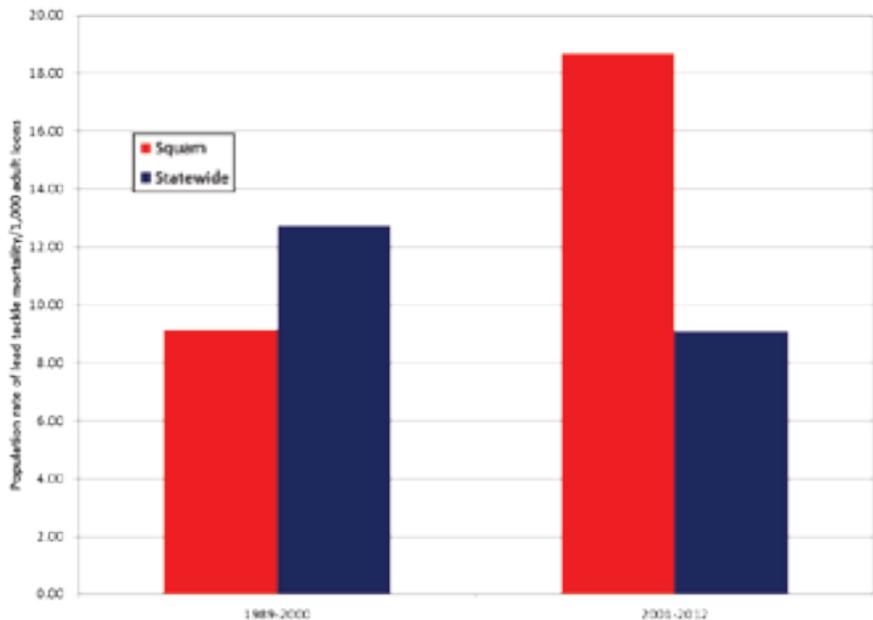


Figure 1: After 2001, the rate of lead tackle mortality doubled on Squam and is twice the state-wide rate. LPC is investigating the hypothesis that high rates of adult mortality on Squam have led to the breakdown of the loons' social structure on the lake and poor productivity.

could have led to the death of many of Squam's loons during the winter of 2004/2005 as their fat reserves were metabolized for the fall molt and migration. The loon pairs that survived to reproduce in subsequent years deposited high levels of contaminants into their eggs, possibly contributing to poor productivity.

By 2008, contaminants released from the point source (PBDEs/PFOS) seem to have mostly flushed through the Squam system and levels of legacy contaminants in the food web continued to decline. But the evidence suggests that ongoing high levels of adult mortality from lead fishing tackle severely undermined the recovery of the population. The loss of so many established, experienced adult loons led to the immigration of "new" loons to fill the vacant territories, who are jockeying for positions, driving remaining established loons out of their territories, disrupting nesting, and, in some cases,

killing chicks. While these behaviors are typical for territorial intrusions, the effects on Squam are amplified due to the scope of adult mortality and the number of vacant territories. These disruptions seem to be evident in the ongoing decline in nesting propensity and chick survival in recent years. The good news is the rate of chicks hatched per nesting pair has increased, as would be expected with a decline in contaminant levels in eggs (Figure 2).

This hypothesis, if correct, suggests that the key to restoring a healthy population of loons to Squam Lake is to keep the adult loons alive. Loons have evolved to thrive in a stable environment and stable social structure, and Squam's loons have had neither since 2001. Squam's loons need time to establish a new structure; and, as LPC works to assist loons to survive and re-establish this structure, we would expect that productivity would begin to recover. In the meantime, LPC is

working to help loons reproduce successfully while continuing our research to test this hypothesis, investigate the source of the contaminants, monitor contaminant levels on Squam, and further investigate the stressors facing Squam’s loons.

**A cautionary tale**

The events on Squam are a cautionary tale for New Hampshire’s

until a point source released new contaminants into the system and the population was pushed beyond the tipping point. A decade later, ongoing high rates of adult mortality, most of those from lead tackle, may be preventing the population from recovering. Squam’s loons are teaching us how the effect of multiple co-occurring stressors on loons can lead a population to collapse, how

*Loons have evolved to thrive in a stable environment and stable social structure, and Squam’s loons have had neither since 2001.*

loon population. Squam’s loons face many of the same stressors as loons throughout New Hampshire, not least of which is mortality from lead fishing tackle. Our hypothesis suggests that levels of legacy contaminants were higher on Squam than other lakes, but the loons seemed to be coping –

far-reaching into the future the effects of those stressors can be, and how close to the tipping point New Hampshire’s loons may be. Through LPC’s intensive research on Squam, Squam’s loons have, to paraphrase Shakespeare, held a mirror up to the state’s loon population, and what we read

there is a cautionary but hopeful tale: working together to mitigate human threats to loons (such as in last year’s lead legislation, SB 89), we can help the loon population recover. What LPC has learned, and continues to learn, through the Squam Lake Loon Initiative helps us better understand how loon populations respond to the multiple threats they face and what we need to do to ensure the call of the loon continues to echo across Squam and throughout the state.

~Tiffany Grade

**Squam Chick Watch**

Those of you who have been with LPC for a long time may remember “Chick Watch,” in which lake residents on Squam and Winnepesaukee organized among themselves to take turns parking their boats in the vicinity of a loon family to protect them from speeding boats or boaters trying to get too close. LPC’s data shows that, among collected chick mortalities, boat trauma is the second leading cause of death; and Chick Watch was a wonderful way for lake residents to protect their loons, help ensure the survival of the chicks, and educate other lake residents and visitors about the needs of the loons.

Happily for the loons, Chick Watch is being revived on Squam through a partnership between LPC and the Squam Lakes Association. Volunteers can help protect loons and loon families on their lake and educate others about loons. Perhaps at the end of the summer, you can look at a loon chick with the sure knowledge that you helped ensure the safety of that chick. If you would like to volunteer for Chick Watch on Squam, please e-mail Tiffany Grade at [squam@loon.org](mailto:squam@loon.org). Thanks for helping protect loons!

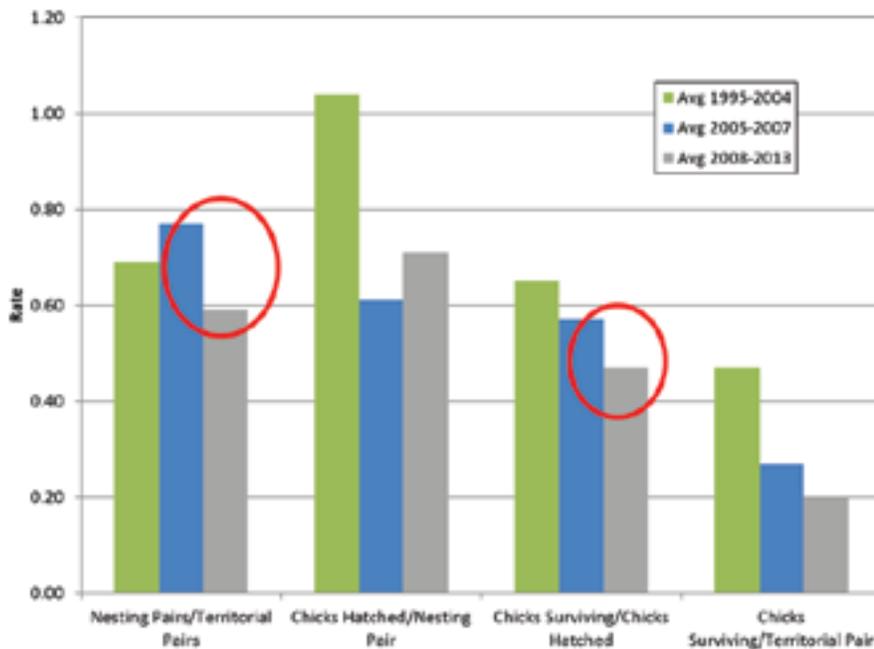


Figure 2: “New” loons have immigrated to Squam to fill territories vacant after the death of so many adult loons. As they try to establish themselves in a territory, the loons cause disruptions to existing pairs, driving established loons out of territories, disrupting nesting, and, in some cases, killing chicks. The magnitude of these disruptions and resultant decline in productivity is evident in the 2008-2013 nesting and chick survival rates, as well as in the overall “Chicks surviving/territorial pair” rate.

# 2014 LPC SUMMER STAFF

## LAKES REGION



JANELLE OSTROSKI

Janelle was fortunate to work as a wildlife rehab intern in beautiful York, Maine, fully enjoying learning to surf when she had time. Through the winter she worked in a research and development lab at a candle manufacturing plant while studying for graduate school exams.

## SQUAM LAKE



TIFFANY GRADE

Tiffany spent her down time during the offseason taking winter hikes up some 4,000-footers in the White Mountains. Her break from winter was a birding trip to Ecuador, during which she saw almost all of her target species and added 75 species to her life list. Bird of the trip: Ocellated Tapaculo!

## MONADNOCK



MEG HARRINGTON

Meg is a graduate of St. Lawrence University with a BS in Conservation Biology. Her senior thesis investigated the effects of North American Porcupine on forest diversity in northern New York. She also participated in a Blanding's Turtle population survey with NH Fish & Game.

## SUNAPEE



MATTHEW BARTOLOTTI

Besides taking up skate skiing, baking lentil cookies, and writing a few songs about loons, Matthew spent the winter working as a nurse's assistant and finishing pre-requisite classes for Physician Assistant school. He hopes to someday work in pediatrics or family practice.

## NORTH COUNTRY



GARY JANCO

Gary is currently enrolled at the University of New Hampshire pursuing a degree in Wildlife and Conservation Biology. He is an outdoor enthusiast and holds certificates in hunter and boating safety. In his spare time he enjoys hunting, fishing and boating.

## UMBAGOG



RACHAEL KRAJEWSKI

Rachael earned a BA in Environmental Biology from Ohio University. Recent work experience includes a bird banding intern (banding passerines with mist nets) and a lab technician for the Tropical Program, both for the Biodiversity Research Institute.

## SEACOAST



TIM DEMERS

With a BS in Wildlife Science from SUNY Syracuse and an MS in Environmental Studies from Antioch University of New England, Tim is well on his way to a career in environmental conservation. He is also an avid birder and kayaker with significant wildlife survey experience.

## WINNIPESAUKEE



MELISSA LESZEK

Melissa is working towards a Master's degree in Environmental Science and Policy at Plymouth State University. Her research involves working to understand the barriers and benefits of using and purchasing non-lead fishing tackle in New Hampshire.

# SUMMER INTERNS



TIM ROY

Tim is a Zoology major at the University of New Hampshire. He loves the outdoors and is passionate about ecological preservation. His desire to work with animals brought him to volunteer for LPC this summer where he will lend an invaluable hand in the field and at The Loon Center.



ISABEL BRINTNALL

A graduate student at Antioch University of New England, Isabel is on a new career path in Conservation Biology upon retiring from her former career in family based service programs. Her dedication to wildlife is seen through her volunteer work with Wings of Dawn (Henniker, NH) and the National Zoo.



VICTORIA WALMSLEY

Tory just finished her first year at Tufts Cummings School of Veterinary Medicine and was introduced to LPC and loons by her professor, and LPC colleague, Dr. Mark Pokras. She will be on hand to perform post-mortem exams on loons to determine their cause of death.

## On a North Country Lake

I heard a loon at dusk call to his mate  
 Through shadows by a wooded shore—  
 A single interval from low to high  
 In slow time as though bearing freight  
 Of meaning. Then from a shadowy form below  
 The silhouette of a water-girded rock  
 Another andante yodel made reply—  
 Two loons beneath the evening star's first light,  
 Two primeval flute notes in the night.

In the morrow's daylight I saw beside a flock  
 Of ducks, quite safe for the time in this remote  
 And quiet water, the cruising loon's white throat  
 In front of wings of black and white.  
 A sudden loud, prolonged and quavering cry  
 And an answering fanfare from the mate near by  
 Pierced the surrounding thicket of fir and spruce  
 Keyed to the wilderness of lynx and moose.

Did meaning ride the wave-lengths of those sounds  
 That carried far by day and in the night  
 Haunted like ghosts from forgotten burying grounds  
 Keening departed souls in flight?  
 Were the echoes from the wildness at the core  
 Of nature—cadences carrying the beat and tone  
 Of the pulsing heart of the unknown—  
 Strains from the mystery beyond our lore?

The loon in silence reared to shake the spray  
 From off his wings then, diving, slipped away.

Ralph H. Gabriel  
 (1890-1987)

**ANNUAL LOON CENSUS**  
**SATURDAY, JULY 19, 2014**  
**8:00 AM - 9:00 AM**

**CENSUS FORM ENCLOSED**  
**(SEE PAGE 23)**

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Ms. Susan Scrimshaw  
Mr. and Mrs. Frank Seabury II  
Mr. David O. Sears  
Ms. Olivia E. Sears  
Seven C's Inc.  
Mr. and Mrs. Paul W. Shannon  
Ms. Lori Jo Shea-Samyn  
Ms. Deirdre Sheerr-Gross  
Ms. Joanne Shelton  
Ms. Dorothy E. Sheridan & Family  
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Ms. Ingrid Skadberg  
Mr. and Mrs. Ralph A. Skowron  
Mr. David Smack  
Mr. and Mrs. Robert N. Snelling  
Ms. Christine Solomon  
Mrs. Chip Sorlien  
Ms. Kappy Sprenger  
Mr. and Mrs. Henry J. Sredl  
Mr. Dan T. Stack  
Dr. and Mrs. Theodore I. Steinman  
Ms. Kathlene Steinmuller  
Mr. and Mrs. Ed Stephenson  
Mr. and Mrs. Ken Stern  
Mr. Robert Stevens  
Mrs. Cindy Stewart  
Mr. and Mrs. Robert Stewart  
Mr. and Mrs. Mike Stolpinski  
Mr. and Mrs. Peter J. Sullivan  
Mr. and Mrs. Phillip Summers  
Mr. and Mrs. Lawrence Sunderland  
Mr. Eric Sussman  
Ms. Leslie Swanson  
Mr. and Mrs. Steven M. Testa  
Mr. and Mrs. Carl W. Thieme  
Mr. and Mrs. Gordon Thomas  
Ms. Therese Thompson  
Mr. and Mrs. Harold W. Thorne  
Mr. and Mrs. David S. Thorpe  
Three Ponds Protective Association  
Mr. and Mrs. Bryant F. Tolles  
Dr. and Mrs. Robert C. Trautwein  
Mr. and Mrs. Roger Uhler  
Ms. Janice Vanfleet  
Village Kitchen  
Ms. Frances Von Mertens  
Mr. Charles Walcott  
John and Julie Waldhausen  
Mr. and Mrs. Peter Walkley  
Ms. Lisa Wardlaw  
Mr. Larry Warfield  
Mr. BJ Warner & Lori Sussman  
Mr. and Mrs. Kent F. Warner  
Mr. and Mrs. Phil Wasmuth  
Mr. and Mrs. Robert H. Watkinson  
Pat and Sophie Wechsler  
Mr. Stephen Weld, Jr.  
Ms. Ann T. Whalen  
Mr. and Mrs. Ernest L. White, Jr.  
Ms. Wendy E. White  
White Oak Pond Watershed  
Association  
Mr. and Mrs. Douglas C. Whitley  
Mr. and Mrs. C. P. Williams  
Mr. and Mrs. Thomas Williams  
Mr. and Mrs. Kent Willing  
Mr. Thomas E. Wilson  
Ms. Diane Winn  
Winnepesaukee Chocolates  
Ms. Debora R. Wirth  
Ms. Kathryn Wisner  
Mr. and Mrs. Paul Wisner  
Nancy C. Wolf  
& Jacob D. Rosengarten  
Mrs. Bebe Wood  
Mr. and Mrs. Curtis Wood III  
Mr. and Mrs. Michael N. Wood  
Woodlands Shores Association  
Mr. and Mrs. Bill Wright  
Mr. and Mrs. Roland Young  
Mr. and Mrs. Richard Zeloski  
Carol J. Zink

*The Board of Trustees and staff of the Loon Preservation Committee thank all our supporters for their passion and commitment to our mission. Every dollar and donation of goods and/or services make a difference in our work to preserve loons and their habitats in New Hampshire. We regret that space limits this listing to monetary donations of \$100 or more.*

## Updates from the Field

### 2014 RAFTS

Thanks to several hardy volunteers who attended a raft building workshop at The Loon Center in mid-April, including Winnepesaukee's Norm Lesser and Libby Corbin, and Connor Pond's Lynne Hart. Loon Recovery Plan funding provided sturdy raft cover materials and improved flotation for these new rafts and for retrofitting these materials on rafts on the Connecticut Lakes in northern New Hampshire as well as other lakes. We were also very pleased to have the help of a Bow High School teacher Marcel Duhaime and his student, Billy Knapp, in building and floating a raft on Kezar Lake in Sutton. Thanks to the dozens of volunteers around the state who build, float, retrieve, and maintain loon nest rafts, year in and year out.

### A NOTE FROM THE NORTH

It may take a few more tries with a spotting scope to be 100% sure, but an initial resight in mid-May near the junction of the Magalloway and Androscoggin Rivers on Lake Umbagog confirmed the return of the *oldest banded loon in New England*, a female loon banded as an adult at the Sweat's Meadow territory in 1993, now at least 24 years old. We also re-sighted her mate, a male loon banded as a juvenile on the neighboring Magalloway territory in 1994, now 19 years old. Both of these loons were re-sighted back on territory within a week of ice out, ready for another season!

### ACKNOWLEDGMENTS

We wish to thank Mr. Gagnon of Bow Lake for his donation of a much needed lawn mower, and the Von Mertens family of Peterborough for providing housing



*Billy Knapp of Bow High School (left) is pictured floating a raft with a friend on Kezar Lake in Sutton. Billy built the raft for LPC with the assistance of Bow High School teacher Marcel Duhaime.*

for our Monadnock field biologist. We would also like to acknowledge the generous support of Tilton Autoserve in providing a substantial reduction below list value for a replacement pickup truck for field use.

### CHANGING OF THE GUARD

Several familiar faces will be absent from this season's field crew. LPC's 2013 (and 2008, 2011-2012) Seacoast field biologist, Alexis Rudko, has moved on to

*continued on page 16*

***The Loon Preservation Committee's field program is well equipped for the summer thanks to the generous support of donors to LPC's Loon Recovery Plan. A new field truck, web cam and nest cameras are among the critical field equipment supported by this worthwhile effort.***

*continued from page 15*

directing summer programs for the Peabody Mill Environmental Center in Amherst, NH. Monadnock 2012-2013 field biologist Kathy Gunther began work this winter in Washington State's Puget Sound, monitoring coastal bird populations (including a few wintering loons). North Country's Wyatt Puent is based in El Paso, Texas, working for the state wildlife agency, and 2013 Umbagog field biologist Pete Grebowski hopes to intern for land trust groups in southeastern New Hampshire, after an EcoQuest semester in New Zealand over the winter. Best wishes to this far-flung cohort, who will be missed, and please give a warm welcome to the incoming rookies who follow in their footsteps on the lakes (see profiles on page 10).



*LPC Senior Biologist/Executive Director Harry Vogel poses alongside LPC's new field truck made possible through the generosity of a Loon Recovery Plan donor.*

*~John H. Cooley*



*With Loon Recovery Plan funding, LPC will pilot several buoy-style Loon Nesting/Keep Away signs this summer on the state's biggest lakes, where wooden signs are easily capsized. Manufacturers SeaLite of Tilton and Curd Buoy of South Carolina sourced these custom-made prototypes. LPC Winnepesaukee biologist, Melissa Leszek, is pictured above with the new signs.*



To report a stranded loon, loon harassment, or an injured or dead loon, please call:

Loon Preservation Committee  
603-476-5666

or

NH Fish & Game Dispatch  
603-271-3361

THANK YOU!

## LPC Welcomes New Board Members

The Loon Preservation Committee is honored to welcome four new members to its Board of Trustees: Kristen Begor, Glyn Green, Sandy Helve and Robert Rotberg.

**Kristen Begor** and her husband Mark have spent the past 18 summers with their three boys on Lake Sunapee. A graduate of Dickinson College (BS) and Syracuse University (MS) Kristen had a successful 15-year career in the fields of hydrogeology and environmental studies. She now devotes much of her time to the Lake Sunapee Protection Association as the First Vice President as well as the Chairman of the Lake Sunapee/Otter Pond Loon Committee.

**Glyn Green**, along with wife Shirley and West Highland Terrier Maisie, lives on Crystal Lake in Enfield. He is deeply involved in the Crystal Lake Improvement Association having served on the board for the past 20 years, currently as President. Glyn provides the water monitoring service and supervises the Lake Host program. In 2010, he and Shirley

were joint recipients of the John F. Morten Memorial Award for Exemplary Lakes Stewardship.

**Sandra (Sandy) Helve** feels close to loons, as she grew up summers on Lake Winnepesaukee, where she and her husband, Doug, still enjoy the island cottage. They reside in Nashua with their son and try to get to the lake as often as possible. Sandy's business career has included corporate banking, venture capital, entrepreneurship, and management consulting. A graduate of both Dartmouth College and the Amos Tuck School in Hanover, NH, she also has a PhD. Sandy has enjoyed helping out on the LPC Board and is impressed by the passion and dedication of those working on behalf of NH loons.

**Robert I. Rotberg** is a Harvard professor and president emeritus of the World Peace Foundation. He is a long-standing member of the Loon Preservation Committee as well as several other conservation and ornithological organizations. He lives above Whitton Pond in Madison where he enjoys the company of resident loons

when not in Lexington, MA, and is active politically in that town. He has written books on Africa, Asia, the Caribbean, and issues such as governance.

We greatly appreciate the commitment of time and expertise by these new members of the Board and look forward to engaging their talents to benefit New Hampshire's loons.

As we welcome our new charges, we bid farewell to **Terry Wetzler-Finn** who resigned from the Board after seven exemplary years. Terry was an instrumental player on the Events and Development Committees, bringing a high standard to both. She was especially active on the Summer Luncheon Committee contributing greatly to its perennial success. We could always count on her to volunteer at our many annual events, a true ambassador for LPC and its mission. Terry and husband Steven have relocated to Florida but will always hold a special place in their hearts for the loons on Braun Bay.

~Linda Egli Johnson

## Hoorah for Sheila!

With the return of the loons to NH's lakes comes another welcomed migrant – the return of the snowbirds! Among these is our stalwart Loon Center volunteer and friend Sheila Robusto.

Sheila and husband Dan enjoy the best of two worlds – a summer home on the shores of Lake Winnepesaukee and a winter retreat in Fernandina, Florida. This will be Sheila's 8th year volunteering for LPC, and we await her return each spring with great anticipation.

Wednesday is "Sheila Day" at The Center where she can be found welcoming guests, attending to shoppers, pricing and stocking merchandise, sweeping the front porch, watering plants, or addressing any number of unavoidable tasks that go along with maintaining a visitor's center. The LPC staff is *enormously* grateful for her help during a particularly busy season!



### *Birdathon/Bloomathon Challenged (but not deterred) by Rain*

The Tamworth Area Birdathon-Bloomathon (B/B) is the longest continually running event of this sort in New Hampshire! This B/B has special rules: one day of counting birds and blooms (showing color) in Tamworth and contiguous towns.

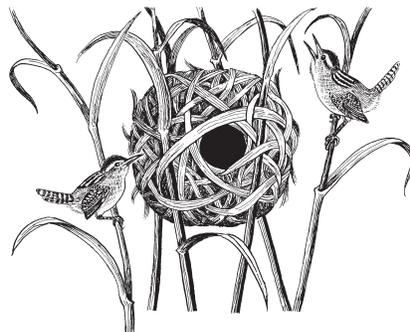
The 2014 B/B was on...well, it was Birdathon on Friday, May 16th and Bloomathon on May 17th. Here's what happened. Weather forecaster Tony Vaz-zano, who leads the birding team, confirmed the prediction of steady heavy rain on Saturday morning, the designated B/B day. While we've had Birdathons in light rain, drizzle, and even snow, we've fortunately never had steady heavy rain, which makes hearing and seeing birds nearly impossible. The birding team agreed to jump to on Friday, when only showers were expected.

Noteworthy of the birds were a Virginia Rail, Marsh Wren, Peregrine Falcon, Boreal Chickadee and, of course, a Common Loon! The day ended with 120 species in all.

Saturday dawned with heavy rain, as predicted. But the front went through more quickly than expected, and by mid-morning it was drying out. It had been a long winter and cool spring, and many of the later blooms that we've often had were not showing petal color yet. Early-blooming species were easier, though, and included Trailing Arbutus, Columbine, Nodding Trillium and Early Saxifrage. The total for blooms was 69.

A hearty thanks to all who supported this Lakes Region tradition which, in turn, generously supports LPC!

*~Lakes Region Audubon Chapter*



### For the Birds

The ornithologists are  
Mistaken I'm sure.  
When the thrush heralds  
The rising sun  
While his mate broods  
her new-fledged clutch,  
He celebrates the same  
Beauty we celebrate.  
He expresses the same  
Love we express.  
Of this I am sure.

The anthropologists would  
Be wise to ask,  
When the lover croons  
his serenade  
Wholly replete with  
Possessive pronouns,  
Is he professing true  
And timeless devotion  
Or is he declaring  
Territorial dominion?  
I'm really not sure.

-Chris Conrod

# Find us on Facebook!

Photo Courtesy of Kittie Wilson



## Welcome Holly!

The Loon Preservation Committee is delighted to welcome Holly Heath as our new part-time Membership and Loon Center Assistant. A graduate of Northeastern University, Holly brings extensive experience in membership, development, and annual giving to the position including employment with The New England Aquarium and The Wang Center for the Performing Arts in Boston, as well as The Colburn School and UCLA School of the Arts and Architecture in Los Angeles. She recently moved back to her native Center Harbor where she serves on the Board of Directors of EM Heath, Inc.



## Summer Evening Talk Series at The Loon Center

Beginning July 10, The Loon Center will host a Thursday evening nature talk series at 7:30 p.m. Among the topics are owls, coyotes, ospreys and loons! Slides, demonstrations and live animals are among the lineup. Below is a preview of the July 24th talk on black bears:

### **Ben Kilham – The Social Black Bear: What Bears Have Taught Me about Being Human**

Black bears, thought to be solitary, have a different type of social behavior that possibly parallels early human behavior. They show evidence of reciprocal altruism, food sharing, and early group formation of unrelated individuals. Bears can live for as many as forty years which allows them long-term benefits of forming relationships with fellow cooperators.

Ben Kilham is a wildlife biologist based in Lyme, New Hampshire. His love of and devotion to black bears has enabled him to study their habits and interact with them for more than two decades. He and his wife Debra have accepted orphaned bear cubs into their home and enabled them to successfully return to the wild. Ben has been the focus of several news articles and documentaries, including National Geographic's [A Man Among Bears](#) and Animal Planet's [Papa Bear](#). He is also co-author of the book [Among the Bears: Raising Orphaned Cubs in the Wild](#).

SEE PAGE 22 FOR A COMPLETE LISTING OF TALKS

## STAYING CONNECTED TO LPC

Are you getting our e-Newsletter? If not, would you like to? Simply email LPC Volunteer Coordinator Susie Burbidge at [volunteers@loon.org](mailto:volunteers@loon.org), and she will gladly add you to our list! The e-Newsletter is generated monthly, allowing us to keep you current on LPC's happenings.

[www.loon.org/gift-shop.php](http://www.loon.org/gift-shop.php)

Your on-line resource for "all things loon" and more!

# PLEASE SUPPORT THE SQUAM SWIM

August 1, 2014

7:00 a.m.

Once again an intrepid group of swimmers led by Wendy Van de Poll will swim the 7-mile length of Squam Lake, from the Squam Channel Outlet in Holderness to the Sandwich Town Beach, to raise funds for LPC's Squam Lake Loon Initiative (see page 7). You can show your support for Wendy and her team by coming to the Sandwich Town Beach around 11:30 a.m. to welcome them in or by making a donation at:

<http://www.loon.org/donation-form.php>

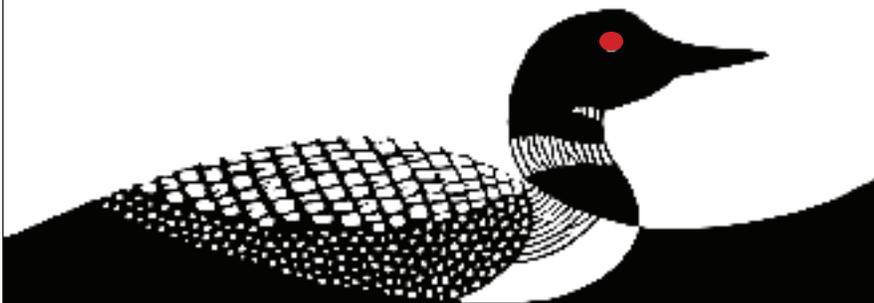
and select "The Swim" option. You can also mail your gift to: Loon Preservation Committee, PO Box 604, Moultonborough, NH 03254.

## The Loon Center & Markus Wildlife Sanctuary

Open 7 days, July 4 - Columbus Day

9am - 5pm

Trails open dawn to dusk



### The Loon's Feather Gift Shop

Selling "all things loon" and more!

visit [www.loon.org](http://www.loon.org) for seasonal hours

# SQUIM

## Squam Lake, NH

7 miles for Loons

**CAPS FOR SALE!**

Support the Squam Lake Loon Initiative (SLLI) by purchasing an exclusive "SQUIM" swim cap! Caps are \$20 and come in neon yellow and orange. The "SQUIM" logo (above) sports one side of the cap with LPC's logo on the flip side.

Call LPC at 603-476-5666 to order your "SQUIM" cap, come by The Loon Center or order them online at [www.loon.org](http://www.loon.org)!

## Yakking for Loons!

Kayak-a-thon to Support New Hampshire's Loons

July 11; 8am - 12pm

Lee's Mill Landing, Moultonborough NH

\$10 per person, includes lunch

Raise \$50 in pledges and receive a "Yakking for Loons"  
long-sleeve t-shirt!



Curt's  
Caterers, Inc.



Visit [www.loon.org](http://www.loon.org) for more information,  
or call 603-476-LOON.

## LOON FESTIVAL

July 19th

at

The Loon Center



Mo the Clown  
Arts & Crafts  
Dunk Tank  
& more!

10-2

YAKKING FOR LOONS  
JULY 11

LOON FESTIVAL  
JULY 19

SQUAM SWIM  
AUGUST 1

GOLF TOURNAMENT  
AUGUST 18

ANNUAL MEETING  
AUGUST 21

## Carl Johnson Memorial Golf Tournament

August 18, 2014

Ridgewood Country Club, Moultonborough, NH

Shotgun Start 8:00 am; Lunch/Awards 1:00 pm

Scramble Format/Teams of Four

\*\*\*PRE-REGISTRATION REQUIRED\*\*\*

*Proceeds benefit the Loon Preservation Committee  
and its work to protect loons and their habitats in New Hampshire.*

## LPC Annual Meeting August 21, 2014



The LPC Annual Meeting will take place immediately preceding the 2014 Loon Season Report by Senior Biologist/Executive Director Harry Vogel (see page 22). The meeting will be held at The Loon Center, 183 Lee's Mill Road, Moultonborough, NH. The LPC Board welcomes your participation.

# Summer 2014 Nature Talk Series

at The Loon Center  
Lee's Mill Road, Moultonborough, NH  
603-476-LOON

Thursdays, 7:30pm ♦ Admission Free ♦ Donations Appreciated

## **Thursday, July 10      Kittie Wilson – Little Loon Grows Up!**

Loons are amazing bird parents, very gentle and loving with their chicks. Over the summer months those adorable loon chicks change a great deal! Come and enjoy a wealth of photographs as we watch the little loons grow up. Kittie Wilson, an LPC volunteer, and proud recipient of the 2009 Spirit of the Loon Award, will share her observations and photographs of the loon family of Pleasant Lake in New London.

## **Thursday, July 17      Kris Rines –The New Hampshire Coyote**

Discover the history of the coyote in New Hampshire with Kristine Rines, Certified Wildlife Biologist. Learn the genetic origins, life history, status, reality vs. myth and how to live with coyotes as neighbors. Howling will be heard! Rines worked 30 years for NH Fish & Game, 28 of those as moose project leader and Region 2 biologist.

## **Thursday, July 24      Ben Kilham – What Bears Have Taught Me About Being Human**

Black bears, thought to be solitary, have a different type of social behavior that possibly parallels early human behavior. They show evidence of reciprocal altruism, food sharing, and early group formation of unrelated individuals. Ben Kilham's love of and devotion to black bears has enabled him to study their habits and interact with them for more than two decades.

## **Thursday, July 31      Chris Martin – Peregrine Falcon Recovery in the Granite State**

Chris Martin has worked as a raptor biologist for NH Audubon for 24 years, focusing on monitoring and management of the state's endangered and threatened birds of prey in collaboration with NH Fish and Game. He will describe successes and failures, review management partnerships, and share what has been learned through banding Peregrine chicks.

## **Thursday, August 7      Iain MacLeod – Tracking Ospreys from NH to South America**

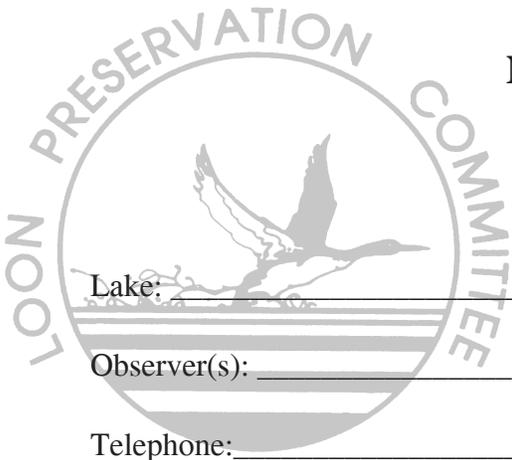
Iain MacLeod will describe Project Osprey Track, a multi-year project using GPS trackers to follow ospreys from their nests in New Hampshire to their wintering grounds in South America. Hear the amazing and sometimes tragic stories of ten ospreys including Art who traveled 5000 miles to his winter home in Brazil. MacLeod is Executive Director of the Squam Lakes Natural Science Center.

## **Thursday, August 14      Mark & Marcia Wilson – Who's Watching You? Owls of the World**

Join naturalist Marcia Wilson and photographer Mark Wilson in sharing their passion for owls! "Who's Watching You? Owls of the World" will introduce you to the owls of New England and beyond. Mark and Marcia will share the field marks, signs and naturalist's skills that you can use to find wild owls without disturbing them, while introducing you to six live owls up close. Come prepared to hoot!

## **Thursday, August 21      2014 Loon Season Report**

LPC Senior Biologist/Executive Director, Harry Vogel, will present trends in New Hampshire's loon population and preliminary statistics on how loons fared in the state over the last year. Also featured will be a slide show by nature photographer John Rockwood showcasing the loons on Lake Massabesic. The Loon Preservation Committee Annual Meeting will precede these talks.



**New Hampshire Loon Census**  
**Saturday, 19 July 2014**  
**8:00 AM - 9:00 AM**

Lake: \_\_\_\_\_ Town: \_\_\_\_\_

Observer(s): \_\_\_\_\_

Telephone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Address: \_\_\_\_\_

Total number of people in party: \_\_\_\_\_

**Observations**

	Time	# Adults	# Chicks	# Immatures	*Location/Direction
Example	8:17	1 AD			Flew in from east

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

**TOTALS** \_\_\_\_\_

Please note any osprey sightings during this hour: \_\_\_\_\_  
(to assist NHA osprey field surveys)

- (1) Record only the FIRST sighting of each loon or group, then be sure to total the number of loons observed on the appropriate line. Note the direction in which the loons move or fly.
- (2) If possible, please attach a sketch/map of census area and the location of any loons you observe.
- (3) It is CRITICAL that observations continue for the ENTIRE HOUR.
- (4) Remember, a report of zero is just as biologically important as a report of 10 loons.
- (3) Your sightings from throughout the summer are also valuable. Please comment on loon activity observed at other times on the reverse of this page.

**CENSUS FORMS MUST BE RECEIVED BY JULY 31 TO BE INCLUDED IN THE FINAL TALLY.**

Please return this form to your coordinator, LPC staff, or to the LPC office as soon as possible. Thank you!

Loon Preservation Committee, P.O. Box 604, Moultonborough, NH 03254; (603) 476-5666/5497(fax)  
Email: volunteers@loon.org. On-line at www.loon.org

The Loon Preservation Committee gratefully acknowledges

**Squam Boat Livery**  
for underwriting this publication.

