



The Adirondack Tremolo

2006-2007 Winter Newsletter – Volume 6, Issue 1

SCIENCE ON THE FLY! TAKES OFF!

In January, 2006, the Adirondack Cooperative Loon Program launched *Science on the Fly!*, an innovative middle-school curriculum utilizing a variety of teaching methods to engage students. Available to classrooms both in the Adirondack Park and worldwide through the website, www.scienceonthefly.org, *Science on the Fly!* teaches students about the process of scientific inquiry by relating interactive classroom and web investigations to the Loon Program's loon migration research. Over a thousand Adirondack students have learned about loon migration and conducting scientific studies since *Science on the Fly!* was introduced last winter.



Through the generous support of the Dorr Foundation and the New York State Energy Research and Development Authority (NYSERDA), the Loon Program will be expanding the *Science on the Fly!* curriculum in the winter of 2006-2007 to include components exploring the environmental impacts of mercury pollution and acid rain. New modules to the *Science on the Fly!* website, www.scienceonthefly.org, will allow people of all ages to investigate the mechanisms introducing these pollutants into the environment and their movements through the food web, detrimentally affecting both aquatic and terrestrial ecosystems.

Highlights from the Loon Program's loon-mercury research will be incorporated throughout the new *Science on the Fly!* modules to promote an increased awareness of the connections between people, the environment, and its wild inhabitants. As they explore the process of scientific inquiry, participants will gain an improved understanding of conservation threats affecting the environment, both locally and globally. New additions to the *Science on the Fly!* Teacher's Manual will provide a variety of suggested projects to inspire participants to take an active role in conservation efforts in their local communities.



BOTULISM KILLS LOONS AND OTHER WILDLIFE ON GREAT LAKES

Since 1999, an outbreak of Botulism Type E has afflicted fish and wildlife on Lake Erie. It has now spread into Lake Ontario, resulting in the deaths of hundreds of loons and other migrating waterbirds, and many fish. Botulism has also been reported this year killing waterbirds migrating through Lake Michigan.

Botulism Type E is caused by the *Clostridium botulinum* bacteria, which proliferates in anaerobic conditions, such as in lake sediments. Botulism in the Great Lakes has been associated with the spread of quagga mussels and round gobies, both invasive species. Birds migrating through the Great Lakes ingest the toxin when they eat affected fish. The toxin acts rapidly, often within hours, causing paralysis, and eventual death.

For more information about the botulism outbreak in the Great Lakes, visit the NY Seagrant website, www.seagrant.sunysb.edu/botulism.

~ CALL OF THE LOON ~



We are happy to announce that the "Call of the Loon" documentary produced by Mountain Lake Public Broadcasting Station last spring was broadcast nationally in the fall of 2006.

The film features the Adirondack Cooperative Loon Program's loon-mercury research to illustrate the environmental impact of mercury pollution on northeastern North America. The documentary discusses the current status of state and federal mercury emission regulations, as well as provides an overview of the causes and problems associated with environmental mercury contamination.

Beautiful loon footage provided by North Country Nature enables the viewer to experience the life of common loons. The *Call of the Loon* is hosted by Judy Woodruff, CNN anchor and former PBS contributor.

To obtain a DVD of the documentary, contact Mountain Lake PBS, www.mountainlake.org, or the Adirondack Cooperative Loon Program.

LOOK FOR THE NEW SCIENCE ON THE FLY! COMPONENTS THIS SPRING!

*The Adirondack Cooperative Loon Program is dedicated to improving the health of the environment through collaborative research and education efforts focusing on the natural history of the common loon (*Gavia immer*) and conservation issues affecting loon populations and their aquatic habitat.*

The Adirondack Cooperative Loon Program is a partnership of the Wildlife Conservation Society, Natural History Museum of the Adirondacks, New York State Department of Environmental Conservation, BioDiversity Research Institute, and the Audubon Society of New York State.

ACLP STEERING COMMITTEE:

M. Glennon and Z. Smith – Wildlife Conservation Society 's Adirondack Program

R. Godin – Natural History Museum of the Adirondacks, The Wild Center

D. Adams and J. Ozard – NYS Dept. of Environmental Conservation

D. Evers and D. Yates – BioDiversity Research Institute

F. Realbuto – Audubon Society of New York State, Inc.

PROGRAM COORDINATOR:

N. Schoch

PROGRAM MANAGER:

A. Sauer

TO CONTACT THE ACLP:

Adirondack Cooperative Loon Program
P.O. Box 195
Ray Brook, NY 12977
Phone: (518) 891-8836
E-mail: aclp2@juno.com
www.adkscience.org/loons



~ LOON-MERCURY FIELDWORK ~

From May through September, 2006, fourteen field staff observed almost 200 banded loons on ~70 Adirondack lakes and ponds. Observers collected data to evaluate the impacts of mercury deposition on the ability of the loons to survive and reproduce. Fifteen loons were sampled and banded on 11 lakes this summer. Of these birds, 13 were adults and 2 were juveniles. Samples were also collected by the NYS DEC and the USDA to check the birds for avian influenza.



A very special thank you to our dedicated field staff for enduring a soggy field season, and the many landowners who provided access to their property for observations of the banded loons. The Loon Program's research is supported by the New York State Energy Research and Development Authority and the partners of the Adirondack Cooperative Loon Program. We are extremely grateful for the assistance provided by our field staff, dedicated volunteers, and the interns and staff from the Wildlife Conservation Society, Paul Smith's College, and SUNY's College of Environmental Science and Forestry's Adirondack Ecological Center.

The Adirondack Cooperative Loon Program presented preliminary results from its long-term loon-mercury research to diverse audiences at several scientific conferences this year. Posters and presentations were provided at the Global Mercury Conference, Adirondack Research Consortium, the American Fisheries Conference, and the Society of Environmental Toxicology and Chemistry Conference. Providing information about the Loon Program's research to scientists, policymakers, students, and the general public increases scientific and public understanding of the risk mercury pollution poses to wildlife and their habitats in the Northeast, and reinforces the need for more stringent emission regulations on a national and global level.

~ LOON MIGRATION UPDATE ~

Since 2003, the Loon Program has collaborated with the US Geological Survey to determine the migratory pathways of Adirondack loons using satellite telemetry. As a result of this work, scientists, students, and the general public are able to follow these birds to and from their wintering areas.

During the three years of the study, scientists have been able to track the movements of several Adirondack common loons and identify their migratory routes, staging areas, and wintering habitats. The data obtained from this study enables scientists and wildlife managers to focus their conservation efforts on the protection or improvement of these valuable habitats. The results of this study will be provided on the USGS and ACLP websites in the near future.

This study was funded by the partners of Loon Program, the USGS, the U.S. Fish and Wildlife Service's State Wildlife Grants Program, and grants from the New York State Biodiversity Research Institute and the G.E. Foundation to the Natural History Museum of the Adirondacks. The Wildlife Conservation Society's veterinary staff provided assistance with transmitter implantation. Satellite transmitters were manufactured for this project by Microwave Telemetry, Inc.

Follow the migrations of Adirondack loons by visiting ACLP's website: www.adkscience.org/loons

**~ THE ACLP CELEBRATES FIVE YEARS OF LOON
CONSERVATION IN THE ADIRONDACK PARK! ~**

The Adirondack Cooperative Loon Program was very pleased to celebrate its Fifth Birthday this summer on July 15th, the day of the Annual Loon Census. After spending the morning looking for loons, more than 80 volunteers, field staff, and supporters commemorated this exciting event at Great Camp Sagamore in Raquette Lake.

The warm afternoon provided an ample amount of sunshine and an abundance of support for Adirondack loons. Attendees enjoyed a slide presentation highlighting the Loon Program's many accomplishments since its inception. This was followed by a raffle, where a lucky couple won the grand prize - a Weekend for Two at Great Camp Sagamore, and a silent auction with many wonderful prizes. The evening ended with a delicious Sagamore barbeque and a concert provided by Dan Berggren, Celia Evans, Jamie Savage, and the Newton Street Irregulars.

The Birthday Celebration was very successful, with several thousand dollars raised through the raffle and silent auction for the Loon Program's annual operating expenses and the endowment, the WCS Loon Conservation Fund at the Adirondack Community Trust. We feel very fortunate to have the support of so many generous individuals who are dedicated to the conservation of the common loon and its habitats in the Adirondack Park.

The Loon Program also greatly appreciates the generosity of Great Camp Sagamore, the musicians, and the following people and organizations for their donations to the Birthday Celebration:

- | | |
|--|-----------------------------------|
| ❖ Ace Hardware | ❖ Ben and Jerry's-Lake Placid |
| ❖ Adirondack Explorer | ❖ Big Moose Inn |
| ❖ Adirondack Lakes and Trails Outfitters | ❖ Blue Line Sports Shop |
| ❖ Adirondack Life | ❖ Blue Mountain Design |
| ❖ Adirondack Mountain Club | ❖ Books and Baskets |
| ❖ Adirondack Museum | ❖ Bookstore Plus |
| ❖ AdirondackNature.com ~ Warren Greene and John Timmis | ❖ Call of the Loon-Joanne Kennedy |
| ❖ Adirondack Scenic Railroad | ❖ C. Levy |
| ❖ Adirondack Theatre Festival | ❖ D. McLean |
| ❖ Adirondack Stained Glass Works | ❖ Eastern Mountain Sports |
| ❖ Audubon Society of NY | ❖ Enchanted Forest Water Safari |
| ❖ A. Wahlen | ❖ Fact & Fiction Book Shop |

- | | |
|--|---|
| ❖ Fulton Chain of Lakes Boat Cruises | ❖ Payne's Seaplanes & Air Service |
| ❖ George's Things & Florist | ❖ Packbasket Adventures |
| ❖ Gore Mountain | ❖ Raquette Lake Navigation Co. |
| ❖ Great Escape & Splashwater Kingdom | ❖ Raquette River Outfitters |
| ❖ High Peaks Cyclery | ❖ Round Lake Studios |
| ❖ Hornbeck Boats | ❖ Saranac Sourdough |
| ❖ Hoss' Country Store | ❖ Seventh Lake House |
| ❖ Inlet Golf Club, Inc | ❖ Souvenir Village |
| ❖ Jeff Nadler Photography | ❖ Spruce Mountain Designs |
| ❖ Jones Outfitters, Orvis Fly Fishing School | ❖ St. Regis Canoe Outfitters |
| ❖ Knotty Pine Restaurant | ❖ Studio D'une |
| ❖ Lake George Steamboat Co. | ❖ Sunfeather Natural Soap Co. |
| ❖ Long View Restaurant | ❖ The Artworks |
| ❖ Mac's Canoe Outfitters | ❖ The Fulton Chain of Lakes Performing Arts Council |
| ❖ Major Plowshares | ❖ The Mountaineer |
| ❖ Mark Bowie | ❖ Tickner's Canoes |
| ❖ Master Images | ❖ Upper Hudson River RR |
| ❖ Moon Tree Design | ❖ Wawbeek Inn |
| ❖ Moose River Trading Co | ❖ WCS' Adirondack Program |
| ❖ Mountain Man Outfitters | ❖ White Pine Designs |
| ❖ Natural History Museum of the Adirondacks | ❖ Whitewater Challengers |
| ❖ Nature Captured | ❖ Wild Birds Unlimited |
| ❖ Niche in the Woods | ❖ Wilderness Interiors |
| ❖ Old Forge Hardware | ❖ With Pipe and Book |
| ❖ Old Mill Restaurant | ❖ Woods Inn |

We are extremely grateful to the many supporters who have contributed to our work during the past five years, and made our loon conservation efforts possible.

THANK YOU!



THANK YOU TO THE MANY BUSINESSES, VOLUNTEERS, AND DONORS WHO MADE THE BIRTHDAY CELEBRATION A TRUE SUCCESS!

~ COUNTING LOONS IN 2006 ~

RESULTS OF THE ANNUAL LOON CENSUS

We saw the adults upon arrival, they were diving for minnows. When they caught one they would call, the little one would come out to them and they would feed the young one.

~ Duck Pond

The two chicks are now about twelve inches and seem to be doing well. Last year, we did not have young ones...we are thrilled!

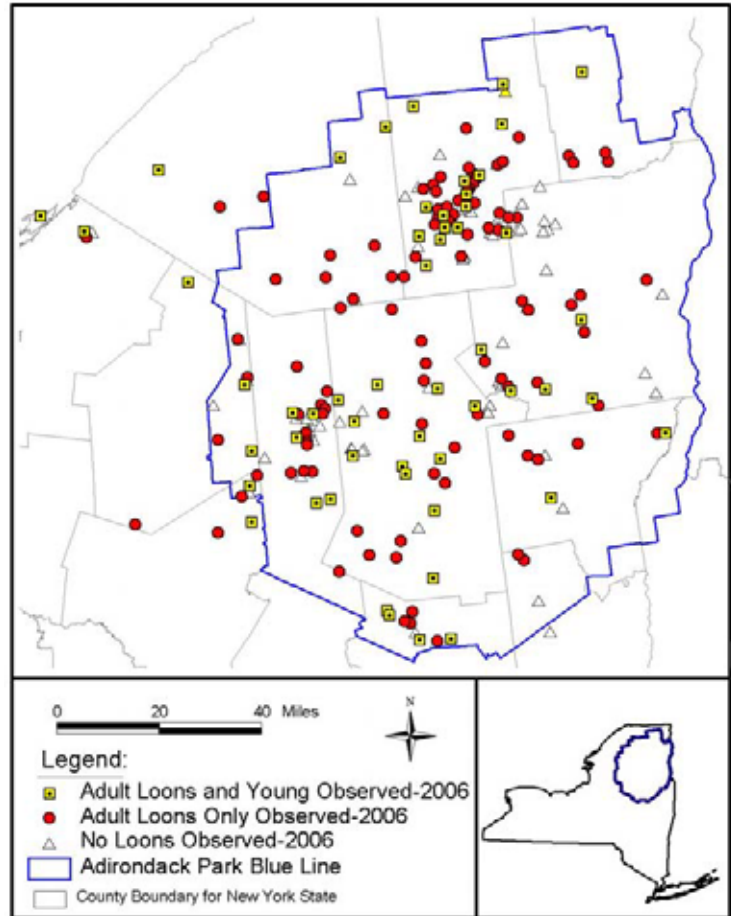
~Rainbow Falls Reservoir

The Adirondack Cooperative Loon Program held the sixth Annual Loon Census on Saturday, July 15th, from 8-9 a.m. On an overcast and misty morning, more than 500 dedicated observers surveyed loons on their favorite lakes and ponds throughout New York. We especially would like to welcome the many new observers that sent in reports from the St. Lawrence River. The results of the Census provide important information about long-term trends in the Adirondack breeding loon population and enable scientists to better determine changes in population dynamics from a regional perspective. The census is coordinated with similar counts conducted on the same day and time throughout the Northeast.

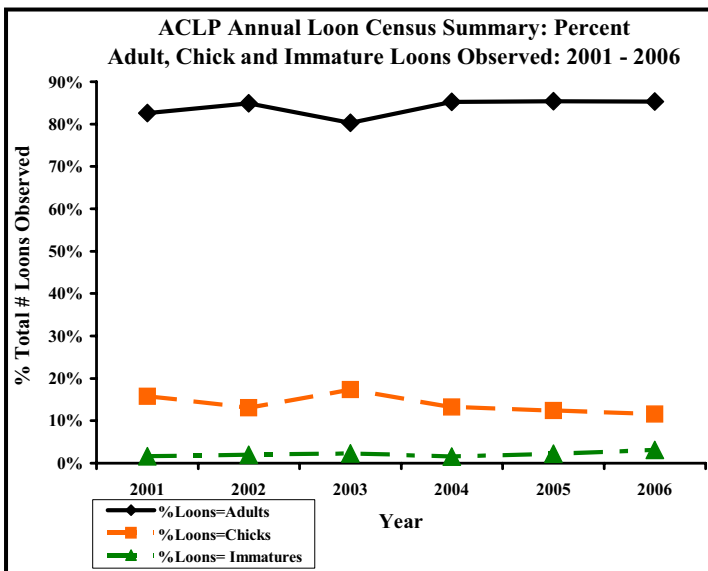
A total of 221 waterbodies were included as part of the 2006 census analysis. An additional 3 lakes and ponds were surveyed, but not included in the analysis because the observations were conducted outside of the census hour. Of the 221 waterbodies, 212 (96%) lakes were located within the Adirondack Park. The map to the right indicates the locations and results for the lakes and ponds surveyed during the 2006 Annual Loon Census.

Our loon family has been with us all season. They have spent a large proportion of their time right in front of our dock and in our bay ~ much to our delight!

~Simon Pond



A total of 578 loons were observed on 158 (79%) of the lakes surveyed. No loons were observed on the remaining 63 (29%) lakes during the census hour. Of the total number of loons recorded, 493 (85%) were adults, 67 (12%) were chicks, and 18 (3%) were juveniles. The graph to the left illustrates that the proportion of adult and young loons on the lakes has remained relatively constant during the six years of the survey. In addition to the loon data reported, participants also recorded valuable information about the characteristics of each lake, such as vehicle accessibility and number of islands.



In 2006, loon chicks or immature loons were observed on 54 (24%) of the 221 lakes surveyed. Adults without chicks were observed on 104 (47%) lakes, and no loons were reported on 63 (29%) of the lakes surveyed. The graph at right represents the percentage of census lakes where loons were observed from 2001-2006.

The graph indicates that there appears to be a slight decreasing trend from 2001-2006 in the percent of lakes with loon chicks, with the lowest value in 2005 (24%). The data also illustrates a slight increasing trend in the percent of lakes without loons between 2001-2006. However, there is year-to-year fluctuation in the numbers of lakes with and without loons, which is not unusual for such a long-lived species. For example, the high amount of rainfall experienced early this summer flooded many loon nests, leading to lower numbers of loon chicks in 2006 than in other years.

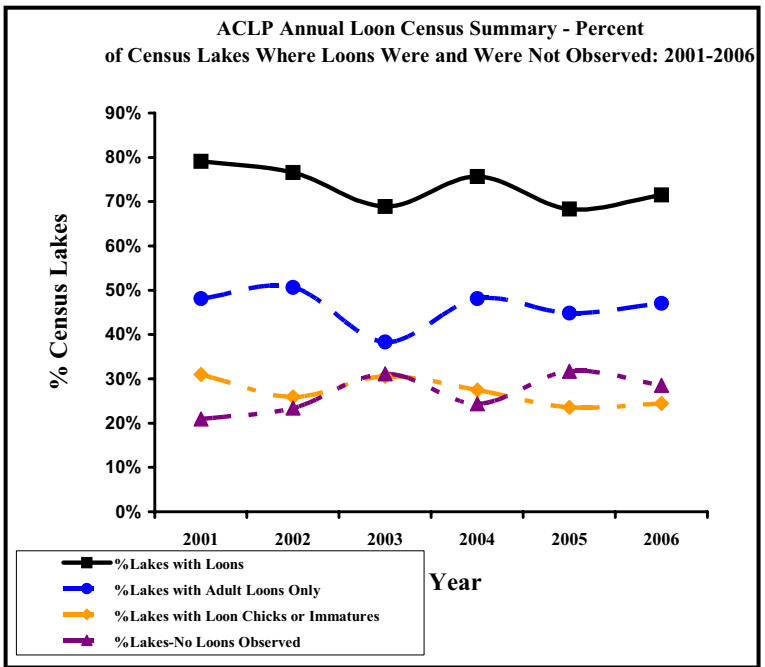
Through the efforts of our Census observers, the Loon Program will be able to determine whether this variation is an actual population trend of concern, or a normal fluctuation in the Adirondack loon population. Anecdotally, and based on a preliminary analysis of the Loon Census results, it appears that the Adirondack loon population has almost doubled since NYS DEC's last survey in the 1980's. The Census results will be analyzed in more depth this winter to better evaluate trends in the Adirondack loon population over time.



2006 RANDOM CENSUS LAKES

The Loon Program requests census observers to choose a lake from a list of randomly selected lakes and ponds in the Park. Information from these randomly chosen lakes allows the Loon Program to use statistical techniques to better estimate the number of common loons summering in the Adirondack Park. In 2006, a total of 42 random lakes (19% of the census lakes) were surveyed. We are very grateful to the many observers that provided information on these waterbodies, despite the remote locations of some of these lakes.

*Thank you for your efforts!
We encourage future observers to select a random lake for the 2007 Loon Census!*



Results from ACLP's Annual Loon Census have been valuable to many organizations, such as the NYS Department of Environmental Conservation for use in developing Unit Management Plans and for the Breeding Bird Atlas. The data has also been provided to the NYS Natural Heritage Program and to Audubon New York for identification of Important Bird Areas.

We are extremely grateful to the many dedicated observers who make the Annual Loon Census a true success! THANK YOU!

A beaver erupted with a tremendous splash, which caused the loon which had been near the house to "patter" furiously past the canoe. ~ Bridge Brook Pond

**CENSUS OBSERVERS -
YOUR HELP IS NEEDED IN 2007!**

- **Recruit your friends to observe loons on their favorite New York lake.**
- **Please help support the Loon Program!**
Your tax-deductible donations will enable us to continue the Annual Loon Census in future years.

**WE LOOK FORWARD TO ANOTHER
SUCCESSFUL CENSUS IN 2007!**

**Visit ACLP's website, www.adkscience.org/loons,
for a full summary of the Annual Loon Census results from 2001 to 2006!**

~ **PRESENTATIONS & FIELD TRIPS** ~

During 2006, over 2500 residents and visitors in the Adirondack Park attended more than 50 Adirondack Cooperative Loon Program presentations. These innovative multi-media presentations provide an opportunity for the public to learn about loon natural history, conservation threats affecting their populations and habitats, and the research and education work of the Loon Program.

More than 50 people participated in four field trips this summer, paddling with our scientists and observing banded birds on the Loon Program's study lakes. These trips were coordinated with the Hamilton County Birding Festival, New York State Energy Research and Development Authority, the Adirondack Nature Conservancy, and the Wildlife Conservation Society's Adirondack Program.

If you are interested in a presentation or field trip for your group, please contact the Loon Program!

~ **SONGBIRDS, BATS, AND HERPS** ~

This summer, BioDiversity Research Institute, one of the partners in the Loon Program, initiated a study in the Adirondacks to assess the impact of mercury pollution on wildlife living in terrestrial ecosystems. Samples were collected from songbirds, bats, and herps (e.g.: salamanders and turtles) to examine the flow of mercury through terrestrial food webs. This pilot study was supported by NYSERDA and the Adirondack Nature Conservancy.



~ **THANK YOU FOR YOUR SUPPORT!** ~

We have been very fortunate to continue to have the generous support of many volunteers and contributors. We are deeply grateful to the dedicated volunteers who assisted the Loon Program during 2006. Your efforts are an invaluable resource. In addition, we would like to acknowledge the private landowners who provided access to their property during the 2006 field season. Your assistance enables us to study loons on a variety of lakes throughout the Park. *Many, many thanks!*

We are also grateful to the many people who participated in the raffle and silent auction at the Loon Program's Fifth Birthday Celebration. Your support greatly contributed to the success of the Celebration, and raised several thousand dollars for our annual operating fund and the endowment at the Adirondack Community Trust.

The Loon Program extends a very special thank you to Joe Moore and Charlie Wilson of Placid Boatworks, www.placidboats.com, for their donation of a Spitfire Solo Canoe. We are most grateful for this extremely generous contribution, which provided one of our field staff with a wonderful boat to monitor the banded loons this summer.



We also deeply indebted to the tireless Loon Program field staff who spent many long, wet hours this field season observing loons. Your efforts are essential in promoting loon conservation in the Park.

The recent support of the following organizations and individuals is most appreciated. Your contributions for the Adirondack Cooperative Loon Program are critically important to continuing our loon conservation research and education programs.

- | | |
|---------------------------------------|---|
| ❖ E. Alric | ❖ A. McQuade |
| ❖ A. and R. Arend | ❖ S. Mealy |
| ❖ C. Ballard | ❖ J. and G. Miller |
| ❖ F. and N. Benenati | ❖ J.P. Morgan Chase |
| ❖ S. and S. Charm | ❖ Mountain Lake PBS |
| ❖ W. R. and G. Christie | ❖ D. Nanek |
| ❖ J. Collins | ❖ R. O'Connell |
| ❖ C. and C. Dickerson | ❖ Okara Lakes Association |
| ❖ The Dorr Foundation | ❖ G. and R. Opanhoske |
| ❖ M. Ernst | ❖ R. and J. Raymond |
| ❖ Essex County Adirondack Garden Club | ❖ NYS Energy Research and Development Authority |
| ❖ Franklin-Essex-Hamilton BOCES | ❖ Schenectady Chapter of the Adk. Mountain Club |
| ❖ M. Gillespie | ❖ F. L. Rockefeller |
| ❖ M. Glowa | ❖ N. Rose |
| ❖ J. Graham | ❖ E. Schoch |
| ❖ S. and P. Hahn | ❖ G. and F. Schumacher |
| ❖ Hawkeye Conservationists | ❖ C. and R. Scofield |
| ❖ G. and M. Hickey | ❖ H. and J. Scott |
| ❖ L. Kingsley | ❖ St. Lawrence Adirondack Audubon Society |
| ❖ R. Leavell | ❖ S. Sutphen |
| ❖ R. and G. Lefebvre | ❖ J. Visalli and M. Flowers |
| ❖ C. and M. Locatelli | ❖ A. Wahlen |
| ❖ B. and B. Long | ❖ G. Walker |
| ❖ L. and N. Master | ❖ C. Weatherup |

~ **ENDOWMENT UPDATE** ~

The WCS Loon Conservation Fund at the Adirondack Community Trust (www.GenerousAct.org) is now approaching \$25,000, almost doubling since it was founded a year ago. We would like to gratefully acknowledge the following donors for their generous donations to the endowment:

- | | |
|-----------------------------|-----------------------------|
| ❖ L. Beeman | ❖ D. Kirche |
| ❖ B. Bridger | ❖ S. Knapp |
| ❖ P. Dooling and S. Danussi | ❖ C. Levy |
| ❖ D. Filsinger and S. Nolde | ❖ J. and P. McIntyre |
| ❖ B. Glaser | ❖ B. Nicholas |
| ❖ C. Grant | ❖ J. Papero |
| ❖ S. and P. Hahn | ❖ G. Spak |
| ❖ J. Harjung | ❖ J. Visalli and M. Flowers |
| ❖ J. Holder | ❖ G. Williamson-Hawes |
| ❖ R. and J. Johnson | ❖ C. Whitney |
| ❖ E. Jones | ❖ C. Winters |

The endowment was established in memory of Dr. Jeff Nicholas, who deeply loved the Adirondacks and its wild residents. As it continues to grow, this fund will provide long-term support for the Loon Program's conservation efforts in and around the Park.

~ **YOUR SUPPORT IS NEEDED** ~

Once again, the snow is beginning to fly in the Adirondacks, and the loons are migrating to the coast for the winter. We are very proud of the many accomplishments we have completed this year, and recognize that these achievements have only been made possible through the generous support of numerous dedicated individuals and volunteers. **Thank you very much!**

We hope you will continue to support our research and education endeavors in 2007. The Loon Program relies on donations from private individuals for much of our annual operating budget. To be self-sustaining, the Loon Program needs an endowment of four million dollars. Thus, your contributions are vitally important to ensuring the continuation of our work and perpetuating the integrity of Adirondack wildlife and their habitats in the future.



PLEASE SEND IN THE SUPPORT FORM BELOW!



YES! I WOULD LIKE TO SUPPORT THE ADIRONDACK COOPERATIVE LOON PROGRAM'S SCIENTIFIC RESEARCH AND EDUCATION PROJECTS!

Your tax-deductible donation payable to the Wildlife Conservation Society or the Natural History Museum of the Adirondacks* supports ACLP's exciting and innovative research and education endeavors.*

Enclosed is my donation* to: Wildlife Conservation Society Natural History Museum of the Adirondacks

**WCS and NHMA are ACLP's funding partners – both organizations can process donations for ACLP's projects.*

I have enclosed a check, in the amount of \$ _____ (Please make check payable to WCS or NHMA.)

Please charge my donation of \$ _____ to: Visa Mastercard American Express (WCS only)

Card # _____ Expiration Date: _____

Signature: _____

I would like to make a contribution to the WCS Loon Conservation Fund at the Adirondack Community

Trust to support the Loon Program's long-term efforts. Enclosed is my check in the amount of \$ _____, payable to the "WCS Loon Conservation Fund at ACT".

I am unable to contribute a donation at this time, but I am interested in learning more about the Loon Program's projects. Please keep me informed about future activities.

I would like to volunteer with the Adirondack Cooperative Loon Program! I am interested in helping with:

- ACLP's loon mercury research (e.g.: monitoring banded loons)
- ACLP's education projects (e.g.: public or school presentations, newsletter)
- ASNY's Loon Ranger Program, monitoring loons on a lake near me

Name: _____

Street Address: _____ Phone: _____

City, State, Zip: _____ E-Mail: _____

PLEASE CLIP THIS FORM AND RETURN IT TO: Adirondack Cooperative Loon Program, P.O. Box 195, Ray Brook, NY 12977
Thank you for your support! Your contributions will enable us to continue this vital conservation and education effort.

PLEASE VISIT THE ACLP'S WEBSITE!

www.adkscience.org/loons

LEARN MORE ABOUT:

- ❖ The results of the 2006 Annual Loon Census.
- ❖ The Loon Program's school curricula, *Science on the Fly!* and the "Loon Scientists Program."
- ❖ The natural history of common loons.
- ❖ Regional and national environmental issues affecting loons and their habitats.
- ❖ The Adirondack Cooperative Loon Program and its partnering organizations.

SCHEDULE A PRESENTATION WITH THE ADIRONDACK COOPERATIVE LOON PROGRAM!

- Discover about loon behavior, natural history, wildlife conservation, and the Loon Program's research and education projects.
- Schedule a showing of *Call of the Loon* for your organization.
- Please contact (518) 891-8836 or aclp2@juno.com.

TEACHERS! YOU'RE INVITED!

**Join us for a Teacher's Workshop at
The W!ld Center in Tupper Lake**

Thursday, January 18th, from 10am-2pm!

- Learn how to bring *Science on the Fly!* and the *Loon Scientists Program* into your class.
- Find out about the many exciting educational opportunities available at the W!ld Center.
- Professional development credits available through BOCES.

FOR MORE INFORMATION:

(518) 891-8836, aclp2@juno.com, or The W!ld Center,

(518) 359-7800, bdonahue@wildcenter.org

VOLUNTEER WITH THE LOON PROGRAM!

- ❖ Participate in the 2007 Annual Loon Census
- ❖ Help monitor banded loons or assist with education
- ❖ Become a "Loon Ranger" – *contact the Audubon Society of New York State: (518) 767-9051x15; frealbuto@auduboninternational.org*

TO LEARN MORE, CONTACT:

(518) 891-8836, aclp2-prgm-mgr@juno.com

Adirondack Cooperative Loon Program
P.O. Box 195
Ray Brook, NY 12977

