Particle Particle A publication of the Particle Axis Lake Improvement Association

NEW DATE AND PLACE FOR ANNUAL MEETING! SATURDAY JUNE 8, 2019



The Pavilion at Pawtuckaway State Park provides shelter, an open-air feeling

One of the best parts about the PLIA's Annual Meeting is the chance to meet up with friends and neighbors, to trade stories about last year's adventures and this year's plans. We would like to give people more opportunity to socialize while conducting the important and serious business of the organization. Business meetings can be fun! **See p. 2 for our Program Schedule.**

To that end, we are planning a meeting that takes advantage of our important neighbor occupying the west side of Pawtuckaway Lake, and that is the State Park. It is a resource that many have not had a chance to visit, but it is a treasure that we think deserves exploring.

Admission to the Park for this event will be free and we can enjoy the Pavilion rain or shine.

There will be:

- COFFEE AND PASTRIES
- GAMES FOR KIDS OF ALL AGES
- REPORTS OF PLIA PROGRAMS
- T-SHIRTS FOR SALE
- MARINE PATROL SPEAKER

- LOCAL HERO AWARD
- SING ALONG
- LIGHT LUNCH
- WEATHER PERMITTING: GUIDED HIKE BOAT TOUR

ANNUAL MEETING

SATURDAY, JUNE 8, 2019 9:30 AM PAWTUCKAWAY STATE PARK PAVILION

9:30 - 10:15	Registration, Membership, Refreshments, T-shirt Sales, Program Reports
10:15 - 10:40	Business Meeting
10:40 - 10:45	Local Hero Award
10:45 - 11:30	Speaker and Questions
11:30 - 11:45	Sing Along and Wrap Up
11:45 - 1:00	Lunch & Trip to Camp Store
1:00 - 4:00	Weather permitting—Guided Hike, Boat Tours

Annual Meeting at the State Park

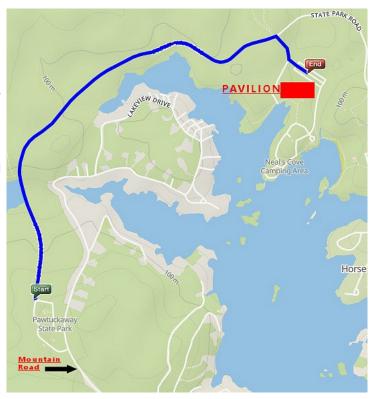
The PLIA welcomes members and prospective members to enjoy the amenities of the State Park for its Annual Meeting this year.

There will be **no entry fee** for attendees—merely indicate your destination at the entry booth to the State Park and drive on down to the Pavilion.

Pawtuckaway State Park is worth exploring if you have the time after the meeting. Weather permitting, we will offer guided hikes, a trip to the Camp Store, and educational boat tours of the lake. We want to bring alive our Programs and show you where and how we do what we do.

For those who want to know more about the State Park, we invite you to visit its website to see all it has to offer: www.nhstateparks.org/visit/state-parks/pawtuckaway-state-park

Bring the kids! There will be games to keep them entertained while we talk. We are returning to our old format of having a featured speaker to make a presentation to the entire assembly. We have invited members of the NH Marine Patrol in the past and have found their talks to be very engaging and popular. We hope you will come to learn and ask questions as well. Officer Scott McLain is familiar with Pawtuckaway because he patrols here often.



Directions

This map shows the State Park and the Pavilion. There is a sign at the intersection of Route 156 and Mountain Road indicating that the State Park entrance is two miles down Mountain Road. Drive into the Park straight to the entry booth and let the Park staff know you are headed to the PLIA Annual Meeting at the Pavilion. Entrance will be free of charge. Continue down the Park road until you see a sign for the Pavilion to the right.

Program Reports

This year we are trying out a new format for our meeting. Instead of a power point presentation detailing all our achievements and the reports of Various PLIA Programs, written summaries of these activities will be made available. There will be separate tables for our Programs that will feature these reports so that everyone can take copies to review at their leisure. Program Directors will be available to answer questions and provide sign-up sheets for those seeking more information or an opportunity to volunteer.

T-Shirt Sales

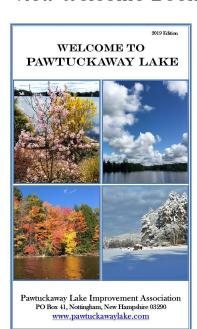






We will have plenty of T-shirts in a variety of styles and sizes that will be for sale throughout the meeting and after. There's something for everybody!

New Welcome Booklet



In late summer of 2015, the PLIA published a Welcome Booklet that was distributed as widely as possible. Since then, there have been numerous changes that made it necessary to create an updated Welcome Booklet. You can pick up a copy of our new edition at the Annual Meeting—it's bigger and better!

Local Hero Award



It is always hard to choose one person from among the many who tirelessly contribute to the PLIA and its mission to safeguard, enhance, and promote the health of Pawtuckaway Lake and its wildlife. Members make this organization representative of those who love the lake and they actually make the work of the PLIA possible. Thank goodness we can do this every year, because there are always more who deserve recognition!

Speaker

Our featured speaker is Officer Scott McLain from the NH Marine Patrol, a division of the NH State Police. He is one of the officers assigned to patrol Pawtuckaway Lake, from early May to about mid-October. Marine



Patrol officers are responsible for enforcing both boating and criminal laws on water bodies of ten acres or more throughout the State.



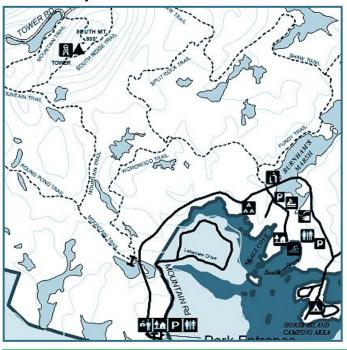
Sing Along

A number of years ago, the PLIA hosted educational programs for local school children to teach them about healthy practices for keeping the lake clean. Our past President, Tom Duffy, wrote an amusing song that put this lesson to the tune of Three Blind Mice. Known as "It's a Mistake to Pee in the Lake", copies of those catchy lyrics will be available for a lively sing-along. Kids of all ages are invited to participate! Our job of keeping the lake clean is serious, but this is just for fun!

Weather Permitting:

Guided Hike

If you have never experienced the State Park trails, we would like to introduce you. If you are already familiar with them, join us to re-explore their beauty.



Program Demonstrations

Join us for a boat excursion to see the deepest parts of the lake where the Water Testing Team takes samples of lake water to test. There will also be a demonstration of some of the equipment we use in these programs.

These operations are delicate and precise.





Ever heard of a Secchi disc? Can you guess what it's for?

Boat Tour

You may have read about our Milfoil Management Program, but we want to give you an opportunity to see how it works up close. A pontoon boat will be ready to take you on a guided tour to see where invasive milfoil has been discovered in Pawtuckaway Lake. The map at right shows the different milfoil search sectors of the South Channel. This is how our Milfoil Team organizes its searches, marks, and then arranges for removal operations of milfoil.





Spotlight on Volunteers

There can be no question: volunteers make the work —and even the existence—of the PLIA possible. We

have been fortunate enough to have many PLIA members pitch in countless hours of Weed Watching, Milfoil Snorkeling, Lake Hosting, Water Testing, Road Cleaning Up, Island Adopting, and Road Repping. Our thanks to all for their tireless dedication! We look forward to thanking them in person at the Volunteer Cookout in September.

Last year, our Milfoil Management Program was lucky to have **Tim Roos** on board. Tim spent the necessary hours training to become a Certified Weed Control Diver. Because of his specialty



training, Tim is now authorized to remove any milfoil that leader Neil Santos and his team of snorkelers locate and mark. We now do not have to rely exclusively on the NH DES divers to perform removal operations, at least whenever Tim is available to lend a hand.

THANK YOU, TIM!!

Susan Medeiros is well known around the lake for her spectacular photography of wildlife. She has graciously given us permission to post many of her pictures on our website, where they

enhance our
"Wildlife" Photo
Gallery. Last year
Susan offered to
conduct a
fundraiser to
benefit the PLIA,
with the generous
participation of



George Voltz. In 1983, George designed and created a map of Pawtuckaway Lake with notations of all the houses and camps around the lake. He printed a limited run of these maps and many residents are proud owners of the originals. Susan realized that newcomers (the term is relative) were keen to have such maps in their own homes and camps, so she sought George's permission to make copies. He kindly agreed and she set about creating a fundraiser to sell the maps, printed at her expense, with all proceeds donated to the PLIA. Needless to say, her campaign was a resounding success. Susan still has a few maps left if anyone is interested. Contact her at siccm@comcast.net.

THANK YOU, SUSAN!!

Membership

There are approximately 391 residences around Pawtuckaway Lake. As of December 31, 2018 the Pawtuckaway Lake Improvement Association has 194 members, only 50%. All residents, whether full or part time, are encouraged to join the PLIA. *We are all stewards of the lake*.

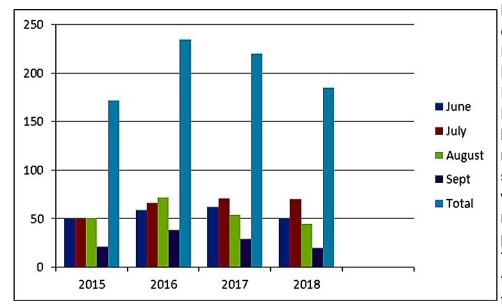


Your membership supports various programs involving water quality, natural shoreline, wildlife habitat, recreational resources, safety, and natural resources. Significantly, after variable milfoil was discovered in Pawtuckaway Lake almost four years ago, the PLIA has been actively inhibiting, locating, and removing the invasive weed through its various Programs. You will find the Annual Membership Form at the end of this Pawprints newsletter. *Please join us!*

PLIA Program Reports

Weed Watchers

The year 2018 was another busy and productive one for PLIA's Weed Watchers. A Weed Watch/



Lake Host Training was conducted by Amy. Smagula of NH DES and Dee Decker, Manager of our Lake Host Program, on April 28, 2018. Last year our team logged 185 hours of patrolling and responded to many sightings of suspected invasive weeds. One was key: a Goves Cove resident spotted a growth that proved to be variable milfoil. The graph at left shows activity throughout the season,. We think everyone can and should

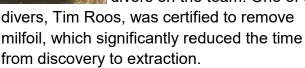
be a Weed Watcher! If you are interested or want more information, please contact Co-Captain Steve Soreff at **soreffs15@aol.com**.

Milfoil Management

Milfoil was first discovered in Pawtuckaway in August of 2015 opposite the State Park boat launch, between the mid-channel markers in the South Channel. Since then the Milfoil Team has searched the South Channel and several additional areas of the lake each summer. Unfortunately, milfoil is a stubborn enemy and the team continues to find plants. In 2018, we found and removed approximately 11 gallons of milfoil, less than the 2017 total, so we seem to be successful so far in containing the infestation, especially as compared with many other lakes.



This past year we improved our search efficiency and effectiveness through the use of both Hookah equipment and having two resident scuba divers on the team. One of our



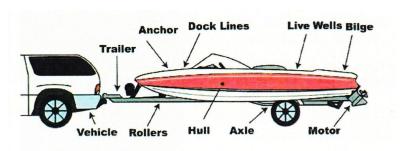




One negative piece of news was the discovery of several milfoil plants in Goves Cove, near the dike. They were quickly removed but we will continue to search that area for any new growth. We are always looking for more volunteers. Snorkelers, divers, and kayak support are all welcome. For more information, contact Manager Neil Santos at neilsantos@comcast.net.

NH LAKES PLIA Lake Host Program

Lake Hosts, whether paid or volunteer, perform courtesy boat and trailer inspections at various public access places on Pawtuckaway Lake. They help *prevent* invasive aquatic species from entering the lake, and are our first line of defense against both plant and animal "hitchhikers" on watercraft. Lake Hosts also educate boaters



about safe practices to keep their boats and trailers free of these pests.

Last year paid and volunteer Lake Hosts worked at the Fundy Ramp and State Park from Sunday through Saturday 7 AM – 6 PM, Memorial Day through Columbus Day. They occasionally worked earlier when there were fishing tournaments or later if the ramp was very busy.

There were two invasive species discoveries on watercraft in 2018, both at the Fundy Ramp. One was variable milfoil and one was Eurasian milfoil. We also have found Chinese mystery snails in multiple areas of the lake. The total inspections at Fundy were 7,635 and State Park 1,706 for a total of 9,341 inspections and over 15,000 people reached. That's a lot of hours! For information about paid or volunteer Lake Hosting, email Manager Dee Decker at deedecker.plia@gmail.com.

Water Testing

In 2018, <u>water quality</u> was generally unchanged from previous years, as was lake clarity. Nutrient levels at the North deep spot have been worsening, though. Despite this, there was no incidence of cyanobacteria all season long! Interested? Contact Mark Wageling at <u>mswageling@gmail.com</u>.

Road Rep Report

"Road Reps" are volunteer local representatives of the PLIA for neighborhoods around the lake. In 2018 we had a great group of active Road Reps. They visited 15 distinct Pawtuckaway Lake

Road Reps inform residents about the PLIA, welcome newcomers, distribute information about milfoil, invite residents to become members of the PLIA, and solicit volunteers.

Neighborhoods and 2018 Road Reps are depicted in the map shown at right. We have some areas that could use more help and would love to have our 2018 Road Reps back again in 2019. For information, Contact Manager Chris Fortin at chris410fortin@gmail.com.

neighborhoods, over 300 new and longtime home and camp owners.





PLIA ANNUAL MEMBERSHIP

MAIL CHECK & FORM TO: PLIA Membership, PO Box 41, Nottingham, NH 03290

Name(s)	Your Membership Supports:
	PLIA's Dues to NH LAKES
	Pawprints Newsletter
Lake Address	 Annual Meeting Weed Watchers & Lake Host Invasive Species Prevention
	Milfoil Management Program
Mailing Address	Water Quality Testing
maning / taar 500	Road & Island Cleanup
CityStateZip	 State/National/Foundation Matching Grants
OityOidicZip	Studies & Projects to Improve the Health of the Lake
Phone #1Phone #2	☐ \$25 Basic Membership
Email Address	\$50 Conservation Membership
Email Address	\$100 Guardian Membership
Join using PayPal! Email members.plia@gmail.com and send payment to friend/family option in PayPal	Other amount, please specify \$
Thank you for your support!	I would like to volunteer; please contact me
in you joi your support.	

PLIA

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