



Pike Lake Post

Summer 2013

Let's Celebrate Pike Lake!



BOATILLA & BBQ

SATURDAY JUNE 29, 11 – 2

Meet at the "Westport" end of Pike Lake near Donna Moodie's / Road 13

Boatilla starts when the bugle sounds at 11 am

Canoe, kayak, or slowly motor down Pike Lake gathering others along the way

Arrive at 101 Country Lane for a delicious BBQ - The PLCA is providing the food -

Plus

- ✓ Prize for the best decorated boat
- ✓ Kids activities
- ✓ Pike Lake tee-shirts for sale



Cost: \$5 per person; children under 12 free

Hope to see you & your guests there!

If the weather is foul, the Boatilla will take place on Sunday June 30

ANNUAL GENERAL MEETING

SATURDAY JULY 6, 9 – 11

The Old Burgess Township Hall

Narrows Locks Road

2 km south of County Rd. 10 (Scotch Line)

Provide your ideas

Update our map of Pike Lake; see page 12

Learn about

- ✓ *The Love Your Lake Program from Barb King, Executive Director, Centre for Sustainable Watersheds*
- ✓ *Official plan review & other Tay Valley Township initiatives from Keith Kerr, Reeve*

Sale of remaining

- ✓ Pike Lake tee-shirts \$10
- ✓ Voices of Pike Lake \$30

Consider getting involved with the PLCA!

CHECK OUT THE PLCA AT
www.pikelake.ca

See photos of our 2012 Let's Celebrate event on pages 10 – 11 & in colour on the website

NEWS FROM YOUR PIKE LAKE COMMUNITY ASSOCIATION

YOUR PLCA BOARD FOR 2012 – 2014

President Terry Kimmel, Rte. 9

Vice-President Mark Godby, Rte. 9

Past President Kay Rogers, Rte. 11

Secretary Sandy Campbell, Rte. 16

Treasurer Anne Ruggles, Rte. 16

Membership Bill Sibbit, Rte. 17A

Lake Steward Adrienne Fowlie Larocque, Rte. 17A

Communications Denny Poley, Rte. 16C

At large John Duguid, Country Lane

At large Lorne Hooper, Rte. 16

At large Gord McCallum, Grant's Creek

Working to keep Pike Lake healthy for all!

2012 – 2013 ACHIEVEMENTS

- ✓ Over 150 people attended our first *Let's Celebrate Pike Lake* boatilla & BBQ; see photos pages 10-11
- ✓ Received a \$4,000 grant from MNR to enhance walleye spawning beds; see page 5
- ✓ Responded to concerns expressed at the 2012 AGM regarding the impact of boat waves on erosion, loon nests, & safety of swimmers; see pages 6-7
- ✓ Responded to the request for advice on how to safeguard trees from beaver; see page 4
- ✓ Undertook water quality testing & analysis through RVCA's Watershed Watch Program
- ✓ Cleaned-up garbage on the islands & posted signs
- ✓ Cleared third camping site on the large island where camping is permitted
- ✓ Joined the Canadian Lakes Loon Survey; see page 12
- ✓ Sold over 100 PLCA tee-shirts

THANK YOU TO MEMBERS OF THE PIKE LAKE COMMUNITY!

The PLCA wishes to extend its appreciation to Naomi Fowlie for her two years of service as the PLCA Secretary.

Big thank you to

- ✓ All who helped make our 2012 *Let's Celebrate Pike Lake* event a big success: Brenda & John Duguid for hosting; Brenda for the Canada Day Cakes; Steven & Mathew Duguid for helping with the boats; Glenn Cook, Victor Konrad & Nick Mulder, our BBQ'ers; Danielle Geoffrion, Philip Hepton & Aili Kurtis, our judges; & Peter Liddington, Graham Sibthorpe & Alan Todd, our photographers; plus all the Board members
- ✓ All who helped with our first walleye spawning bed enhancement day: Jack & Margo Anderson for allowing the rock to be delivered to their home & for hosting the work crew; Dave Moodie for his leadership organizing the day; John Anderson for finding Jeff Beute & his kabota; Glen Bond, Chris Findlay, Dwight McParland, Adam Meraw, Eric Mingelinckx, Pam Stewart, & Rick Stewart for all their hard work; Eric for his wild game chili; Cathy Cameron for her beef chili; Kay Rogers for her behind the scenes help; Terry Kimmel for submitting the application; & Barry McParland for suggesting the idea
- ✓ Kent Fowlie & Patricia Paul-Carson as well as Board members John Duguid, Lorne Hooper & Kay Rogers for serving on the committee to address concerns about the impact of boat wake on erosion, loon nests & safety of swimmers
- ✓ Ellis Craig, the Hepton family & Margo Anderson for their submissions to the *Pike Lake Post*
- ✓ Aili Kurtis for designing our fridge magnets
- ✓ Jeff Hochstader for selling the fridge magnets to the PLCA at cost
- ✓ Pat Shore & Jack Anderson for taking the RVCA staff out on the lake to do water sampling
- ✓ Aili Kurtis, Nick Mulder, June Audet & Board members for delivering the *Pike Lake Post*

NEWS FROM YOUR PIKE LAKE COMMUNITY ASSOCIATION

FINANCIAL SUMMARY 2012

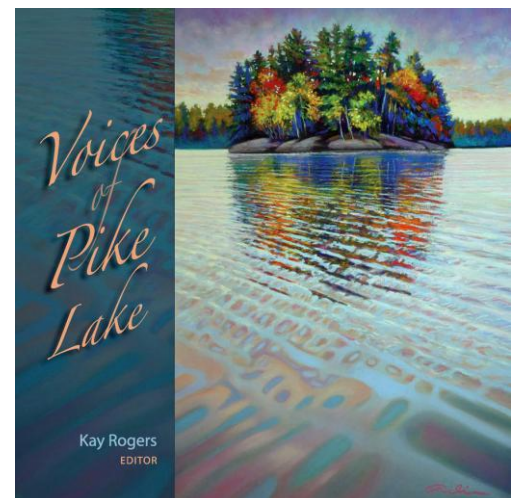
| | |
|---|-------------------------|
| Opening Balance Jan. 1, 2012 | <u>13,635.86</u> |
| Income | |
| Membership | 1,520.00 |
| Book sales | 1,238.49 |
| Pike Lake T-shirt sales | 1,455.00 |
| Donation for signs | 200.00 |
| BBQ proceeds | 498.00 |
| Bank interest | 17.79 |
| | 4,929.28 |
| Expenses | |
| Pike Lake T-shirts | 690.93 |
| BBQ refreshments, music & prizes | 452.23 |
| Porta-potty rental for BBQ | 254.25 |
| FOCA membership | 328.00 |
| Fire Department donation | 100.00 |
| Friends of the Tay Watershed membership | 25.00 |
| Pike Lake Post | 158.90 |
| AGM & Let's Celebrate permanent signs | 632.80 |
| AGM printing, gifts & refreshments | 430.54 |
| Fridge magnets | 113.00 |
| Septic savvy workshop donation | 100.00 |
| Brochure holders & brochures | 55.63 |
| for boat launch sign | |
| Sign at the boat launch | 1,012.48 |
| New Pike Lake logo | 22.61 |
| Gift to Aili Kurtis for logo design | 55.60 |
| Postage & bank charges | 37.02 |
| New account book | 19.15 |
| | 4,488.14 |
| Book Balance Dec. 31, 2012 | 13,977.00 |
| (includes a \$8,000, 1 yr. non-Redeemable GIC & a \$3,000, 1 yr. GIC purchased Sept. 6, 2012) | |
| Closing Bank Balance Dec, 31, 2012 | <u>13,976.14</u> |
| Discrepancy | 0.86 |

PIKE LAKE TEE-SHIRTS BACK VIEW



40 Tee-Shirts Left
 -Mostly youth sizes –
 Great presents for the kids & grandkids
 \$10 each
 100% pre-shrunk cotton

**Tee-shirts & *Voices of Pike Lake* available
 at the BBQ, the AGM
 & from Board Members**



The PLCA has 4 copies left
 \$30 each or 2 for \$50

THE BEAVER

Scientific name *Castor canadensis*

Size The largest rodent in North America, beavers can reach over one metre in length

Average weight Beavers can weigh up to 32 kilograms

Life expectancy Beavers can live 10 to 20 years in the wild

Did you know? The beaver is Canada's national symbol,

Physiology

Beavers are known for their buck teeth & large, flat tail. These well-known features are what help the beaver live life from day to day.

This animal, from the rodent family, has a thick brown fur coat & a soft grey undercoat that protects it from all climates.

The beaver's tail is large & shaped like a paddle. It functions like a boat rudder, helping steer the beaver as it moves logs to its dam. The black scaly tail is also used for balance on land when carrying heavy tree branches.

Beavers are excellent swimmers & are built for underwater work. They have valves in their ears & nose that close when they swim underwater. They also have a clear layer that covers their eyes when swimming, in order to protect them from anything floating in the water.

Their front teeth stick out in front of their lips, so that they may cut & chew wood that is submerged underwater without getting water in their mouth. A beaver's teeth never stop growing; chewing on tree trunks & branches helps to keep the teeth from getting too long. They are strengthened with iron compounds.



Beavers spend most of their time building dams & lodges: large cone-shaped pile of branches in the middle of a lake. They enter the lodge through an underwater entrance, which leads into a dry living area where often two adults & six babies live.

As the colder months approach, they spread a thick layer of mud on top of the lodge to keep out any predators, such as the lynx & wolf. If a beaver feels threatened, it will slap its tail on the surface of the water to warn other beavers in the area; then it will dive deep underwater to stay safe.

Beavers are vegetarians & feed on non-woody-type plants - such as cattail shoots - during the spring & summer & then switch to eating shrubs & trees in the autumn & winter. They build canals along the ground to float sticks & twigs to their lodges for winter storage. A common belief about beavers is that they eat wood, when in fact it's only the bark they eat.

Source: www.canadiangeographic.ca/kids/animal-facts

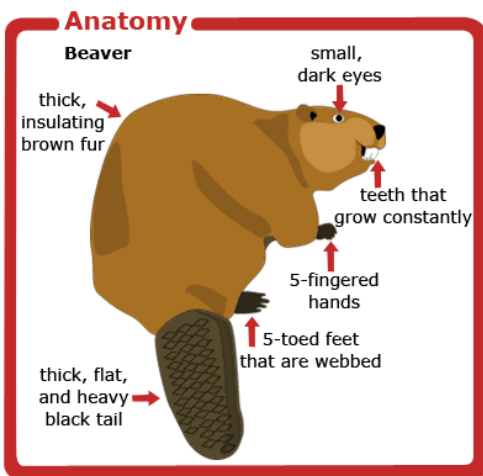


ILLUSTRATION BY ANNA SERRAO

HOW TO PROTECT YOUR TREES AGAINST BEAVER

Individual deciduous trees can be spared from beaver gnawing by placing wire tree cylinders around the base of their trunks to keep the beaver from getting to the tree. The technique only takes a few minutes per tree, is inexpensive, & will remain effective for many years with no maintenance.

Various length rolls of 2" x 4" hardware cloth or welded wire can be purchased at any home supply store. The fence height should be 2 feet above the highest snow level to prevent winter chewing – estimate 4 feet high in our area. Cut a length of fence long enough to encircle the tree trunk while leaving a 3 - 6 inch gap between the wire & the tree trunk to allow for future trunk growth without girdling. For seedling trees, corrugated plastic drainpipes provide low-cost, easy-to-install protection. Slit the pipes to allow room for growth & then place them around the trees.

LAKE STEWARDSHIP ACTIONS

PLCA RECEIVED A \$4,000 GRANT FROM MNR

The PLCA received a \$4,000 grant from the Ontario Ministry of Natural Resources' Community Fisheries & Wildlife Involvement Program to enhance existing walleye spawning beds on Pike Lake. This grant, together with donations from the PLCA & individuals, will cover the costs to enlarge three spawning beds.

Walleye spawn where the habitat is appropriate on the windward side of an island or point because there is more oxygen exchange on the windward than leeward side. The research shows that by enlarging walleye spawning beds, oxygen exchange is improved & more eggs survive to hatch. The spawning beds are enlarged by placing 50 tonnes of clean round river rock in a V shape out from the shore where there is an existing spawning bed. The rock ranges from softball to volleyball size.

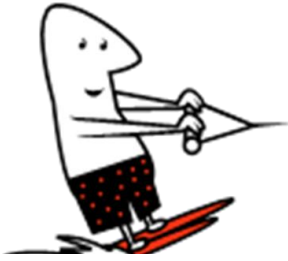
This program has been successfully implemented for many years including on a number of lakes on our area.



February 9, the day after the biggest snow storm in years, was a beautiful sunny day. This was the day a group of Pike Lakers gathered at the Andersons to enlarge the spawning bed off the point of a peninsula at the east end of Pike Lake.

The plan is to do the spawning bed off the island across from Donna Moodie's (Route 13) next year & the windward side of Wilson's Island in February 2015.

Those who would like to help with the work next year or make a donation are encouraged to contact Terry Kimmel at 613-295-7283 or terrykimmel@sympatico.ca



WATCHING YOUR WAKE

Pike Lakers derive a great deal of enjoyment from a host of boating activities ...

Those of us with our pleasure craft licence studied specific rules of the water geared to safe & responsible boating; most of us are familiar with general boat safety & etiquette. We may not be as familiar with the impact of boat wake – an issue raised at the 2012 PLCA annual general meeting.

Impact of Boat Wake

The larger the wake, the greater the potential for undesirable side effects

- Loons, & other birds that nest along the shore, choose locations that are protected from waves generated by the prevailing winds. However, boat wake, which can come from any direction, can drown the nests & the young, particularly in May & June.
- Inexperienced swimmers & young children are not usually in the water when wind-driven waves are high. However, they can be toppled by the size & energy of boat wake.
- Boat wake & prop wash can churn up sediments in shallow water which releases dormant nutrients that promote weed growth & algal blooms.
- Boat wake can cause erosion, especially on Grants Creek.
- Boat wake can cause docks & moored boats to rock severely & pull mooring hardware.

Waves & Wake

Three factors make up wind-driven waves: the speed of the wind, the length of time the wind has blown, & the distance of open water that the wind blows over called the fetch.

Waves are measured by

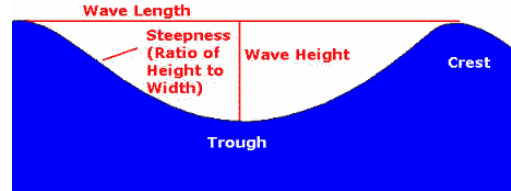
- Height (from trough to crest)
- Length (from crest to crest)
- Steepness (angle between crest & trough)

Boats moving through the water create waves, commonly known as wake. Observations made by the Oregon State Marine Board have shown the effects of three speed zones: displacement, transition & planing.

Factors that influence the size of the wake when it reaches shore include the speed of the boat & the distance the wake travels before it reaches shore.

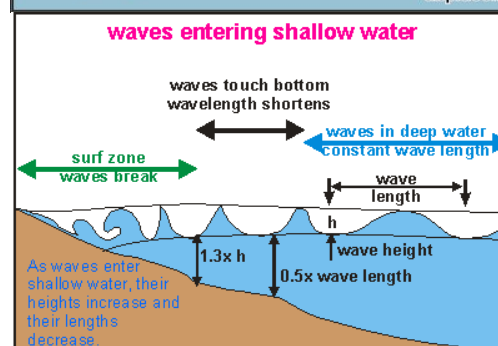
Interestingly, the water particles themselves don't move. Rather, their energy does. A wave's energy is proportional to the square of its height (potential). Thus, a 3m high wave has $3 \times 3 = 9$ times more energy than a 1m high wave. (Source: *Oceanography: waves, waves, theory & principles, what causes them & how they work* by Dr. J. Floor Anthoni, 2000)

As waves enter shallow water, they slow down, grow taller & change shape. The movement of the particles along the bottom of the body of water can disturb the sediment on the bottom &, thereby, release nutrients into the water.



Source: *Understanding & Utilizing the Secrets of Waves* by Jay Holben

| | |
|--|---|
| | DISPLACEMENT SPEED |
| | This is the slowest speed for most motorboats and creates the least wake. The boat operates with the bow down in the water. |
| | TRANSITION SPEED |
| | As you increase power while attempting to get on plane, the bow rises, causing the stern to plow through the water. This speed creates the largest wake. |
| | PLANING SPEED |
| | At planing speed, the bow drops back down and only a little of the hull contacts the water. This speed creates less wake than transition speed, but more than displacement. |



Source: *Oceanography: waves, waves, theory & principles* by Dr. J. Floor Anthoni

LAKE STEWARDSHIP ACTIONS

Waves & Erosion

Natural causes of shoreline erosion include wind-driven waves, water levels, ice, slope of the bank, & the absence of vegetation. Human causes include the removal of rocks, trees, shrubs, & other vegetation along the shoreline, retaining walls, & wave action from passing boats.

The size of the watercourse affects the potential for erosion to occur. The greater the distance the waves are generated from shore, the more opportunity they have to dissipate before reaching shore.

Pike Lake is 6 km long & 0.5 km wide, & has 26 islands.

Grants Creek is less than 40 metres wide.

Wave height is one of the most important factors in shoreline erosion. Observations made by the Minnesota Department of Natural Resources have shown that

- a wave that is 12.5 cm high (the height of a compact disk case) when it reaches the shore does not cause significant shoreline damage. Waves this high are created by boats operating at speeds under 10 km/h – a speed that is generally considered reasonable when operating close to shore
- a wave that is 25 cm high is four times more destructive than a 12.5 cm wave
- 62.5 cm high waves are 25 times more destructive

(Source: Shoreline Erosion caused by Boat Wake, Environment Canada, 2005)

Runabouts & waterski boats produce a 25 cm high wave at the stern of the boat when at planing speed.

Wakeboard boats create a wake of half a metre or more.

The large waves produced by wakeboard boats don't always have the distance needed to dissipate before reaching shore on Pike Lake. Hence, they can create a greater negative impact than other boats.

However, all boaters need to be aware of the size of wake they create.

Legislation & Recommendations

The *Small Vessel Regulations* stipulate that the legal speed limit for all motor boats is 10 km/h within 30 metres of any shore.

Waterski & Wakeboard Canada strongly recommends that wakeboard boats stay a minimum of 50 metres from any shore & in a minimum of 2 metres depth of water to reduce the effect of shoreline degradation & turbidity.

A number of governments & government agencies as well as local organizations in Canada & the US are struggling with how to deal with erosion & safety issues associated with wakeboarding. For example,

- The Safe Quiet Boating Association in the Muskoka Lakes area is working to change the legislation so that wakeboard boats operate 100 metres from shore.
- The District of Lake of the Woods Cottagers Association has recommended that wakeboard boats operate 300 metres from shore to allow waves to lose their energy before reaching shore.

HOW YOU CAN BE WAKE WISE

- ✓ Be aware of the size of your wake.
- ✓ Position your passengers throughout the boat in order to reduce the time spent in transition speed.
- ✓ Look behind you to see & understand the impact of your wake on shorelines, docks or other structures. Adjust your speed & direction to minimize the impact.
- ✓ Respect the shoreline zone. Reduce your speed to less than 10 km/h within 30 metres of any shore including the narrow channels between the islands & in Grants Creek.
- ✓ Waterski, tube & wakeboard well away from all shorelines. Try to make use of the entire length of the lake.
- ✓ Consider the size of the wake produced when purchasing a new boat for Pike Lake.

*For a complete list of sources, go to www.pikelake.ca
Click on Recreation & then Watching Your Wake*

LAKE STEWARDSHIP ACTIONS

NATURALIZED SHORELINES



Source: RVCA

The Rideau Valley Conservation Authority offers a variety of native plants & shrubs including willows, dogwoods, sweet gale, & service berries at cost to naturalize shorelines.

Contact Andrea Klymko, RVCA, at 613-692-3571 or andreaklymko@rvca.ca to set up a no-obligation site visit.



SEPTIC INSPECTIONS ON PIKE LAKE

Tay Valley Township enacted a by-law in 2012 establishing a program of mandatory sewage system maintenance inspection on seven lakes, including Pike Lake, while maintaining the voluntary system on all other waterfront properties.

Of the 11 sewage systems inspected on Pike Lake last year, seven needed remedial work, two replacements, one was perfectly fine, & more information was need for one. It will take another three years to complete the inspections on the seven lakes. The properties inspected are those that either have a septic permit that is 10 years or older, or does not have permit information, or has not been re-inspected in the past 10 years.

Malfunctioning systems can have both human health & environmental impacts beyond the property on which it is located. For more info, Google RVCA Septic Smart.



Pike Lake Crown Land Access Point

Let's keep Pike Lake healthy for all!

Pike Lake Community Association

PROTECT

Zebra Mussels are NOT in Pike Lake
Let's keep it that way!

- Empty bait bucket on land, NEVER in the lake
- Drain all water from boat on land, FAR from the lake

RESPECT

CAMPING

permitted only on the large island with the tent symbol
GPS 44 47'6" N
76 20'12" W

Kindly bring

- Luggable loo for human waste
- Garbage bag to pack out trash
- Biodegradable soap
- Camp stove

Fires

- Bring local firewood
- Do NOT cut trees
- Soak all fires before leaving

SHARE

Share our lake with other people and wildlife

- View waterfowl from a distance, give them space to breed and raise their young
- Slow your boat when near land
- Watch for swimmers

To report a natural resources violation call toll free: 1-877-TIPS-MNR anytime

MNR had input into & approved this sign which is posted at the boat launch.

MNR advises that camping is permitted only on the large island because the other islands are too small for healthy camping, especially “potty practices”.

SUBMISSIONS FROM PIKE LAKERS

ROVER TIME

Ellis Craig

Shortly after purchasing our Pike Lake cottage from Howard Perrigo in 1989, we became aware of an interesting & recurring daily event. Punctually at five o'clock in the afternoon a motorboat would come slowly by our cottage with a man & a dog on board. We could hear the dog's continual barking before the boat came into sight. When it did, the dog was always at the rear of the boat, apparently barking at the wake!

When the boat arrived opposite the Pfothenauer's cottage to our left it would turn around, speed up & go back the way it came, with the sound of the dog's barking receding as it went.

After a few weeks we decided to call the dog Rover & the daily visit thenceforth became known as Rover Time. We later learned that the Listers next door referred to it as the five o'clock dog.

We also learned that the dog's owner was a Mr. O'Reilly, who had a cottage on the concrete island. I often waved at Mr. O'Reilly as he motored by, but never met him otherwise.

Over time the commencement of cocktail hour coincided with the arrival of the barking dog often enough that it occasionally precipitated the desire for a cocktail. We were becoming conditioned. Pavlov's dog experiments in reverse! To avoid eventual membership in Alcoholics Anonymous we had to learn to resist the daily impulse!

Over several years we often wondered what the dog's real name was, but no-one seemed to know.

Then we had occasion to visit my wife's brother in Vancouver. He took us to a restaurant near the University of British Columbia for an event. Being Vancouver the weather was fine when we entered but pouring down cats & dogs (!) when we were ready to leave. Brother-in-law ran to get the car & umbrellas. In the five minutes he was gone I had a conversation with a lady standing beside us whom we had met briefly during the event. I asked the lady the usual first question.

Where are you from?

Smiths Falls in Ontario.

Oh, we have a cottage near there...

Oh, what Lake?

Pike Lake.

Oh, I have a relative who has a cottage on that lake.

Oh, what's his name?

O'Reilly.

Oh, do you happen to know his dog's name?

Sure do, its 'Teddy'.

Well, Teddy Time just didn't cut it! Until the daily doggy drive-bys eventually ceased, it continued to be known as Rover Time. And yes, we miss him.

PIKE LAKE

Hepton Family

Pike Lake, Pike Lake, sing a little song
Swimming, fishing all day long
Hiking, biking, something else to do
Glad to hit the pillow when the day is through.

Singing, crying, laughing too
Little hearts get broken & must be mended too.
Some relaxing moment not doing a single thing
You might hear a little voice
Saying "Granny will you push me on the swing?"

On Canada Day around the campfire
We will be
And sing O Canada we stand
On guard for thee.

Butterflies & centipedes & pollywogs to see
Up at grandpa's cottage that's the place to be.



Photo by Margo Anderson

BOAT IN MOVIE

The Fowlie & Sibbit families invite you to a family boat in movie night at sundown Sat. Aug. 3 (rain day Aug 4). Look for the big screen on the blue boat house on Route 17A.

YOUR SUBMISSIONS WELCOME!

The PLCA invites Pike Lakers to submit tall tales, photos, poems, & stories for the 2014 *Pike Lake Post*. Contact a Board Member or e-mail info@pikelake.ca

LET'S CELEBRATE PIKE LAKE



Best Decorated Boat Winners



BOATILLA & BBQ 2012



VOLUNTEERS NEEDED

THE CANADIAN LAKES LOON SURVEY

Anyone who has listened to their wild call echoing across Pike Lake can appreciate how the Common Loon has become a much-loved wilderness symbol.

The Canadian Lakes Loon Survey was initiated to assess the long-term health & productivity of Common Loons, & the lakes they depend on. Each year, hundreds of volunteer participants spend time observing loons on lakes where they breed in Canada: at least once in June (for loon pairs), once in July (for newly hatched chicks), & once in August (for young that survive to fledge). This information is used to monitor loon chick survival over time, & is an important indicator of loon & lake health.

The CLLS began in Ontario in 1981 by Bird Studies Canada, a non-government, not-for-profit organization, & expanded nationally in 1989. The PLCA has joined the BSC in order to contribute to the loon survey.

Taking part in the Canadian Lakes Loon Survey is a great way to enjoy watching loons over the summer while contributing to loon research & conservation.



Photo by Gord McCallum

Loonies Wanted!

If you are interested in participating in the loon survey, please contact Adrienne Fowlie-Larocque at 613-325-3767 or adriennefowlie@hotmail.com or Gord McCallum at 613-264-8915 (cottage) or 613-264-5543 (home) or mccallag@magma.ca

FINANCIAL REVIEW VOLUNTEER

The PLCA is looking for a volunteer to review the Association's financial records once a year. If you can help with this, please contact Anne Ruggles at 613-326-0549 (cottage) or 613-562-4714 (home) or anne.ruggles@sympatico.ca or Terry Kimmel at 613-761-9249 (home), or 613-295-7283 (cottage), or terrykimmel@sympatico.ca

UPDATE OUR MAP

In response to the request of Pike Lakers, the PLCA Board is revising the map of Pike Lake printed a number of years ago.

Your input is needed to

- ✓ verify that your pin # is in the right location
- ✓ provide other updates or corrections

You can update the draft new map at the BBQ & the AGM or by contacting a Board member.

Watch for the new map next year.

