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### Message from the President

Hi LMAA Members,

Welcome to Spring and the Manitoulin Cottage Season! The ferry starts May 5, 2017. I hope that you will have a pleasant and safe cottage season on beautiful Lake Manitou. Here are a few cottage opening reminders:

- A. If you haven't pumped your septic tank for 4-5 years, it's time to do it, depending on usage.
- B. Do "NOT" use fertilizer to green up your lawn. Phosphorous is hard on our lake - have a "natural" lawn.
- C. Electricity rates are up. "Time for LED bulbs in your cottage".
- D. Do not use antibacterial soaps in your cottage. It is hard on your septic system.

Steve Mann, one of our Directors, sent me a picture of the ice leaving the Rockville shoreline. His comment was "First crack in the ice so far. Carol Sheppard blew into Rockville last night from Arizona so she can have credit for breaking the ice." It must be spring!

See you on the Manitoulin,  
Mike Costigan Sr.

### **LAKE MANITOU AREA ASSOCIATION**

#### 23<sup>rd</sup> Annual General Meeting

10:00 a.m. Saturday, July 9, 2016 at the Sandfield School House

**Call to Order** – President Mike Costigan called the meeting to order at 10:00 a.m.

**Consideration of the Agenda**: It was moved by John Harvey and Anne Moffatt to accept the agenda as presented. Motion carried.

**President Mike Costigan** gave a welcome to all members and visitors.

Announcements of upcoming Community Events: Hazardous Waste Disposal - Saturday, July 9, 2016. Copies of Collection Event was given to all attendees with the Agenda. Merry Makers on Face Book now and can rent the School House.

Wednesday is the Big Lake Fish Dinner. Lions' Club Summer Fest is next week in Manitowaning.

Literature, flags, maps, signs, hats, shirts and books are available on tables at the back. Our books are available at Rock & Rail and Williamson's Hardware – both in Mindemoya. Pat Costigan also sells them at the Market in Mindemoya, on Friday mornings.

**Officers, Directors and Committee Members attending introduced themselves:**

Mike Costigan, Michael R. Costigan Jr., Mark Harvey, Steve Mann, Paul Moffatt, Alex Lohead, Don Payne, Effie Williamson, Pat Costigan, Mary Lohead and John Harvey.

**Minutes of the July 11, 2015 LMAA Annual Meeting** Moved by Paul Moffatt and Michael R. Costigan, Jr. to be accepted as presented. Motion carried.

**Reports of the Officers:**

Last year Manitoulin Streams had three major projects in the Mindemoya River and upstream, which were completed.

This year there will be a River School on the Kagawong River. Twenty people in a class at a cost of \$20.00 each –What's in the River? Contact Manitoulin Streams.

**Treasurer's Report: Don Payne**

Don's report showed a minor operating increase. Our finances are in good shape and Don submitted his report. The LMAA books were found to be in order with thanks to members **Marlene Dewar** and **Betty Heise**. Moved by Carl Mihalyfi and Nancy Foreman to accept the financial statement. Motion carried.

**Director and Newsletter Editor: Mark Harvey**

Mark appreciates the articles that are sent to him. He needs more recipes from our members for his newsletters. Any articles on what brought you to Manitoulin Island would be appreciated. The Fall newsletter will be published at the end of October. The newsletter will be posted on the Website:

<http://lakemanitouarea.ca/> If you have changed your Email address please let Mark know, as well as Don Payne.

## Education Committee

Dave Anderson has arranged for Clare Nellign, PHD Student from Queen's University in Kingston to be our featured speaker at the August 9, 2016 LMAA Information Night. The topic of her presentation is very central to the health and well being of our beautiful lake.

Special thanks to Dave Anderson for organizing the 2106 Information Night.

President – Mike Costigan Sr.

Mike thanked everyone that is involved in putting the shoal markers out in the Spring and taking them out in the Fall. He thanked those doing the water sampling and those doing other Director's duties.

We are still able to keep our membership fees at \$20.00 per year. Thank you to all that continue to pay their membership fees on time. Also thanks to those who help setting up the meeting venue and cleaning up after the meeting. Special thanks to the ladies in the kitchen.

## New Business and Discussion Period

Concerns were once again voiced about the Sandfield Dam and the water levels and its operation. The Directors of LMAA will be meeting with local officials of the Ministry of Natural Resources and Forestry later this summer. A meeting will be setup with Brian Riche in late July or in August.

Brenda Edington said the Manitou River doesn't hold the fish the way it should. Lake Manitou has declined in Winter fishing. There are now 20 – 25 Ice Huts on the ice and there used to be 100. Darrell Dewar agreed with that statement as he said he only caught 10 fish this year compared to many more in previous years. Brenda said she would be willing to sit on a committee.

President Mike Costigan reminded everyone that we are only a volunteer organization.

Both Alex Lohead and Effie Williamson have decided to retire from LMAA and thanked everyone for their kind words.

Craig Hoyt wanted to discuss the lack of stocking of fish in our lake. He has called the Ministry in Sudbury and they have supplied him with updated information from 2005 to the present. He would like to consult with the Association to have them

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aggressively pursue a plan to stock the Lake. Should the Association choose not to be asked that we let him know. Directors will discuss this.

There were some comments about extra development at Watson's Bay camp ground. Rumors are that there is not a septic system and leakage from the latrines are going into the lake. Question was could the water be tested in that area. President Mike Costigan said that we don't test for sewage as that is done by the Ministry of Health and you should bring that to their attention. Others had heard the same rumor about Watson's Bay camping area.

LMAA needs a Hospitality Co-ordinator for our meetings to prepare coffee, tea, water and co-ordinate members and friends to bring desserts etc. for our Annual Meeting in July each year and our Information Night Meeting in August each year. Brenda Edington accepted the position.

Estelle Payne – Election Chairperson – nominated by Alex Lohead

Treasurer, Don Payne's term is up. Sue Costigan Miller nominated Don for Treasurer. There were no other nominations. Don accepted.

Secretary, Effie Williamson resigned. Nominations for her position were requested. Brenda Hoyt was nominated by Brenda Edington. There were no other nominations and Brenda Hoyt accepted.

Director. Martin Peddle was nominated by Marj Mihalyfi. There were no other nominations and Martin accepted.

Thanks to Estelle for her great job as Election Chairperson.

Door prizes -

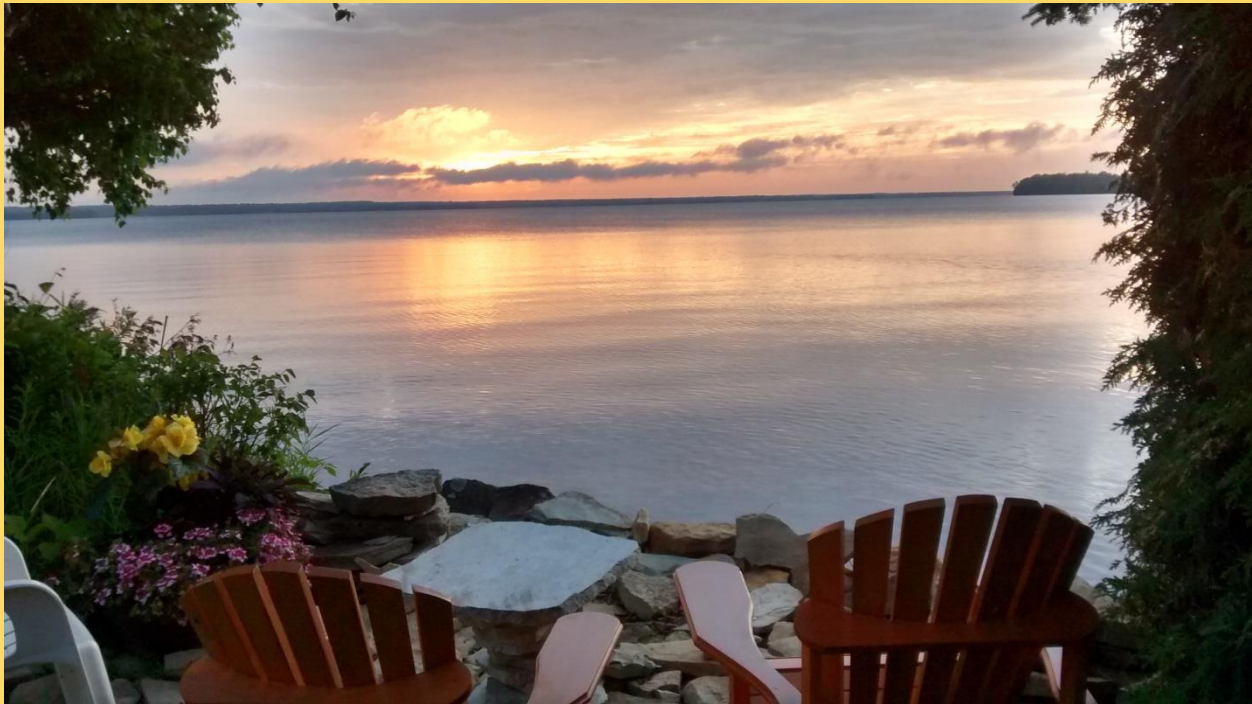
Names drawn were: Brenda Hoyt, Carl Mihalyfi, Jennifer Sunderhaus, John Harvey

Adjournment Moved by Carl Mihalyfi and Doug Foreman that the meeting be adjourned. All in favour.

Meeting adjourned at 11:10 a.m.

**Thank you to out going secretary Effie Williamson for providing these minutes.**

### Sunrise on Lake Manitou



### BROAD-SCALE FISHERIES MONITORING PROGRAM

The Ontario Ministry of Natural Resources and Forestry has completed its second fish survey of Lake Manitou. The broad-scale monitoring program was started in 2008. This program is designed to monitor and understand the health and changing state of fisheries in the province.

The monitoring is completed by sampling fish using nets. The netted fish are checked for weight, age, length, species and other characteristics. Water quality and invasive species information is also measured. The information can then be used to help make many fish management decisions including fishing limits and safe eating limits.

Lake Manitou is a high priority “Trend Lake”. This means our lake will be monitored every 5 years. Of the 18,675 candidate lakes in Ontario only 670 are trend lakes. These “Trend Lakes” are specially chosen and focus on trout and walleye lakes. The rest of the lakes will be monitored less frequently. We now have 2 years of fish data for Lake Manitou. The table and charts below show the



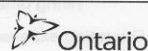
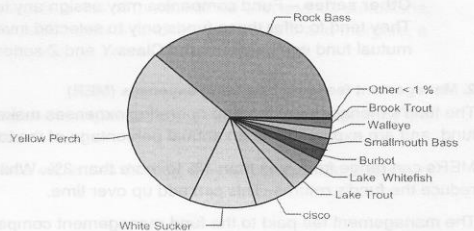
results. The data does not show the abundance of fish just the relative percentages.

Thank you to the North East Region OMNRF Biodiversity and Monitoring Unit for providing this information.

## 2012

Fish species	Total catch %	Maximum length (cm)	Minimum length (cm)	Average length (cm)
Rock Bass	38	26.7	9.6	16.9
Yellow Perch	31	34.4	13.9	18.5
White Sucker	11	59.6	29.1	45.8
cisco	7	27.0	15.8	19.8
Lake Trout	4	79.2	32.5	57.5
Lake Whitefish	3	65.2	19.4	49.6
Burbot	2	77.7	23.9	59.5
Smallmouth Bass	2	48.1	18.8	36.0
Walleye	2	70.1	49.7	57.8
Brook Trout	2	48.9	16.5	22.5
Brown Bullhead	< 1	34.8	32.8	33.8
Northern Pike	< 1	90.6	90.6	90.6

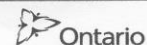
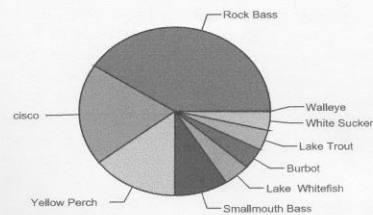
Proportion of fish caught in large mesh nets



## 2016

Fish species	Total catch %	Maximum length (cm)	Minimum length (cm)	Average length (cm)
Rock Bass	41	26.4	8.0	17.0
cisco	20	24.3	17.0	21.0
Yellow Perch	15	30.9	14.1	18.9
Smallmouth Bass	9	50.1	12.7	29.8
Lake Whitefish	4	62.1	53.1	57.1
Burbot	4	70.6	41.6	62.3
Lake Trout	4	69.8	20.8	48.9
White Sucker	4	56.6	17.5	47.8
Walleye	< 1	68.5	68.5	68.5

Proportion of fish caught in large mesh nets



## WHAT IS YOUR MANITOULIN STORY?

### FOURPOINTS

The Fourpoints Cottage is located on the southwest shore of Lake Manitou on Nighswander Road, directly beside Mountain View Resort. Across the lake one can view the Cup & Saucer and beautiful Manitoulin sunsets.

Stanley D. McGraw, a retired man of wealth from New York, in 1929 had the Fourpoints built of his own unique design. His design plan was such that each of the

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four bedrooms had a view of the lake. A hallway runs from each corner of the main room to a bedroom. Each bedroom is a separate entity giving four separate peaks and thus the cottage's name Fourpoints. The bathroom design was equally unique, a large room with four sinks along one wall, two toilet cubicles at the end of the room and a shower five foot square with two large windows. The main room has eight windows, three entrances and a large stone fireplace.

The president of the largest department store in Toronto opened his store on a Sunday for Mr. McGraw to purchase furnishings for the cottage. He purchased four extra long iron beds, eight bent-back chairs, eight captains chairs, four large steamer trunks, four stools with extension rods for drying garments and sheets and towels. Meals were eaten next door at the Nighwander camp. Mr. McGraw had a large built in ice box in the cottage.

Women were never invited into the McGraw cottage.

In approximately 1939 Stanley had a sunroom built on top of the northwest bedroom. This had two pews facing the lake and it was used as an after dinner sitting room, to smoke cigars and watch the sunset. Unfortunately, this room was removed.

Mr. McGraw arrived every summer early in July and left the end of August. He enjoyed the Fourpoints until his death around 1958. Prior to his death, he contacted the Bachman family, who owned the cottage beside him and he had purchased his land from, to give them the Fourpoints.

The beds, bent-back chairs and steamer trunks remain in the cottage. Present owners are Brenda & Craig Hoyt who purchased it in 2006 from the Bachman family. New wiring, plumbing, roof and some windows have been installed but the intent is to maintain the Fourpoints historical character.

Submitted by Brenda Hoyt



### **Big Bird AKA The Sandhill Crane**

Sandhill Cranes are the most common crane in the world. They are found predominately in North America, ranging south to Mexico and Cuba, and as far west as Siberia.

Every winter they migrate to Florida, Texas, Utah, Mexico and California. Three quarters of all Sandhill Cranes use a 120 km stretch of the Platte River (Nebraska) as a staging area.

Sandhills are omnivores, they like to eat plants, grain, mice, snakes, insects and worms. They are often in conflict with farmers, due to digging for tubers and their big feet can cause crop damage.

Their appearance is gray, with a crimson crown. They will occasionally preen themselves by adding mud to their feathers, giving them a temporary brown shade.

During mating, cranes display “unison calling” which is throwing their heads back, admitting a distinctive primeval chorus, (unable to be confused with any other mating call). It is wonderful to watch them dance, run, leap high in the air, frolic at any time of the year, but especially during mating season.

The average Sandhill lives ~ 20 years, weighs 6.5 – 14lbs, with a wingspan of 5 – 6 feet. They nest in wetlands, building a nest of available plants. Females usually lay 2 eggs, both parents incubate the eggs, but the male is most responsible for defending the nest.

Sandhill Cranes are common on Manitoulin Island from April thru to October. During the spring and summer months they can be found in small family groups. Large flocks, well over 500 birds can be observed preparing for migration in early fall. This is a testament to the importance of Manitoulin Island as a prime, somewhat unique wildlife habitat.

Jen Harvey

Reference: National Geographic



SANDHILL CRANES

**It must be spring, submitted by Steve Mann (Rockville Shoreline)**



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CULINARY DELIGHT

## Thora's Chicken

Pre-heat oven to 350 F

### Ingredients:

Chicken pieces (6 – 10), legs, thighs (skin removed optional)

1 can mushroom soup

¼ cup lemon juice

¼ tsp basil or oregano

Place pieces of chicken in 9 X 13 baking dish

### Mix the following ingredients,

1 can mushroom soup

¼ cup lemon juice

¼ tsp basil or oregano

**together with a wisk until the sauce is smooth, removing all lumps.**

Pour over chicken

Bake 1 ½ hours, uncovered

Serve with rice or mashed potatoes, the sauce is delicious!

## NEWS FROM FOCA

CHECK-OUT THIS INFO ABOUT TICKS AND LYME DISEASE

### Check Your Tick



size exaggerated for illustration



**Unfed tick**

If you see a tick on your body that looks like **the unfed tick pictured above**, it means that the tick was probably attached for less than 24 hours therefore there was not enough time to transfer the bacteria.

**Fed (engorged) tick**

If the tick on your body looks like the **fed tick pictured above**, then this indicates that the tick has been attached for a longer period of time and may have transferred the bacteria. Consult your health care provider.

## Let's Target Lyme

[www.ontario.ca/lyme](http://www.ontario.ca/lyme)

- Lyme disease is caused by the bite of a black legged tick infected with the bacteria. **The tick needs to be attached for 24-36 hrs before it is able to transfer the bacteria.**
- A red rash may appear within 3 days to several weeks.

### Ticks & Lyme Disease

*Lyme disease and the ticks responsible for its spread are established in the area along the St. Lawrence River and potentially throughout the Leeds, Grenville and Lanark Counties.*

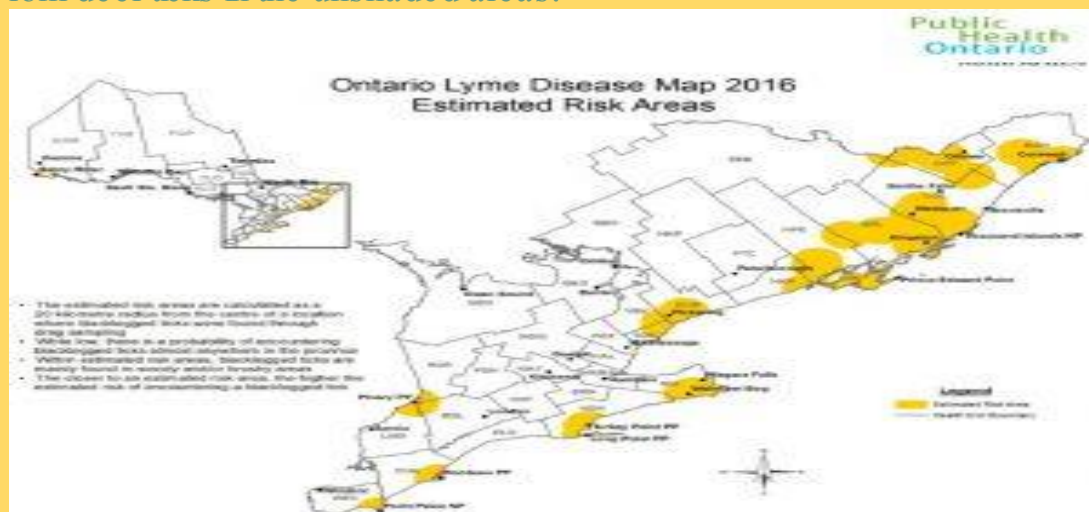
## Get tick smart

Know the bug.  
Know the bite.  
Know what to do.

3 to 30 days after infection

## Lyme Disease

Lyme disease is most likely to be contacted in the areas shaded in yellow. These zones are likely to change over time and Lyme disease is occasionally contracted from deer ticks in the unshaded areas.





**About Lyme Disease:** Lyme disease is an infection caused by the corkscrew shaped bacteria, *Borrelia burgdorferi*. In Ontario, these bacteria are spread by the bite of blacklegged ticks.

Although there are other types of ticks in Ontario (e.g. dog ticks), only the blacklegged tick can transmit Lyme disease. Dog ticks are larger and common all over Ontario, while black legged ticks are smaller with established populations occurring sporadically throughout Ontario. The adults are fairly easy to see on clothing, but the nymphs are much smaller, harder to see and can transmit Lyme disease too. Ticks cannot fly and usually come in contact with people or animals by positioning themselves on tall grass and bushes and grabbing on when you walk by.

**If you find an attached tick, use tweezers to carefully remove it and take it to your local Health Unit for testing.** Ticks especially dog ticks are spreading into Ontario. Ticks are becoming increasingly common in Northern Michigan and other states adjacent to Ontario. Dog ticks sometimes called wood ticks have been common in North Western Ontario for many years. Link to these fact sheets for more information.

### Fact Sheets:

- [Ticks & Lyme Disease Pamphlet](#) (pdf; 2 pages) (Leeds, Grenville and Lanark District Health Unit)
- [Facts about Lyme disease](#) (pdf; 2 pages) (FOCA)
- [Get Tick Smart](#) (pdf; 1 page)

The Ontario government is taking Lyme disease seriously and has prepared a fact sheet for the public. The link below will give you access to this.

<http://www.health.gov.on.ca/en/ms/lyme/default.aspx>

This information about Lyme Disease was copied from the Federation of Ontario Cottagers' Associations FOCA

**Let's Keep Our Lake Great Challenge 2017**

We would like to show our appreciation to David and Nancy Kains from the Gibraltar Road Area of Lake Manitou.

They are currently Lake Stewards who conduct water sampling on behalf of the LMAA. The water sampling is part of the Lake Partnership Program, sponsored by the Ontario Government.

Prior to the Kains providing this service Alex Lohead did the sampling.

The water samples are taken from 2 locations in the lake once a month, from May through October from a motor boat. This takes about 2 hours and is best done on a sunny day. Sampling includes using the Secchi disk to measure the clarity of the water and collecting water samples that are used to determine the calcium and phosphorus levels. Then the water samples are sent to the Ontario Ministry of the Environment at Dorset, Ontario for analysis. The Kains haven't seen any big changes in the lake over the last 5 years and that is good NEWS.

The Kains plan is to continue their commitment to this program. This is a great volunteer effort and is making a significant contribution towards "Keeping Our Lake Great" **Thank you Nancy and David!**

**Member's Notice Board****Dates to Remember:**

**Annual General Meeting** Saturday July 8th, 2017 at 10:00 a.m.

**Information Night** Tuesday August 8th, 2017 at 7 p.m.

**These events will be held in the Sandfield Hall.**



<b>Directors' Roster</b>	<b>Winter Address</b>	<b>Summer Address</b>
<b>President:</b> Mike Costigan, Silver Bay Road Area	20 Muskoka Court Kitchener ON N2B 3M2 519-576-1912 <a href="mailto:patriciawilliamson39@gmail.com">patriciawilliamson39@gmail.com</a>	186 Franks Rd W. RR1 Site15 Comp3 Mindemoya ON P0P 1S0 705-377-6640
<b>Past President:</b> Peter Edward		
<b>Vice President:</b> Paul Moffatt Holiday Haven Area	Box 41 – 78 Heron Trail Manitowaning ON P0P 1N0 705-859-3362 <a href="mailto:herontrail@gmail.com">herontrail@gmail.com</a>	Same
<b>Secretary:</b> Effie Williamson <b>Ending (2016-12-31)</b> Eagle's Nest Area	459 Sierra Dr Traverse City MI 49685 231-943-8333 <a href="mailto:Litemetals@yahoo.com">Litemetals@yahoo.com</a>	53C L&J Ln One RR2 Manitowaning ON P0P 1N0 705-859-3559
<b>Secretary Designate:</b> Brenda Hoyt <b>Starting (2017-01-01)</b> Silver Bay Road Area	63 Muscovy Dr Elmira ON N3B 3M6 519-669-0920 <a href="mailto:bchoyt@hotmail.com">bchoyt@hotmail.com</a>	224 Highswander Rd RR1 Mindemoya ON P0P 1S0 705-377-7715
<b>Treasurer:</b> Don Payne Silver Bay Road Area	35 Christman Court Markham ON L3P 3C7 905-294-4819 <a href="mailto:payne@interlog.com">payne@interlog.com</a>	162 Franks Rd W. RR1 Site15 Comp 6 Mindemoya ON P0P 1S0 705-377-5284
<b>Director:</b> Jim Booth Eagle's Nest Area	32 Gloucester Court Sudbury ON P3E 5N5 705-673-6684 <a href="mailto:boothj@vianet.ca">boothj@vianet.ca</a>	327 Wilton Trail Manitowaning ON P0P 1N0 705-561-5919
<b>Director:</b> Rob Chown Holiday Haven Area	125 Merrygale Dr. Sudbury ON P3E 6K5 705-670-9365 <a href="mailto:robert.chown@rbc.com">robert.chown@rbc.com</a>	124 Loon Lane Manitouwaning ON P0P 1N0 705-859-
<b>Director:</b> Michael R Costigan Eagle's Nest Area	4 Nuttal St Cambridge ON N2C 4J3 519-654-7324 <a href="mailto:mikecostigan@hotmail.com">mikecostigan@hotmail.com</a>	91 L&J Lane One RR2 Manitowaning ON P0P 1N0 705-859-2705
<b>Director:</b> John Coulter Rockville Area	3380 Military St Port Huron MI 48060 810-987-7527 <a href="mailto:coulterslanding@comcast.net">coulterslanding@comcast.net</a>	54 Manitou Haven Trail RR1 Mindemoya ON P0P 1S0 705-377-4709

<b>Director:</b> Bruce Fraser	30 Cobalt St Box 401	148 Heron Trail
Holiday Haven Area	Copper Cliff ON P0M 1N0 705-682-0953 <a href="mailto:brucefdbm@gmail.com">brucefdbm@gmail.com</a>	Manitouwaning ON P0P 1N0 705-665-6012
<b>Director &amp; Newsletter Coordinator</b>	16 -571 North St	156 Johnston Rd
Mark Harvey	Sault Ste. Marie ON P6B 6K7 705-949-1515	RR1 Mindemoya ON P0P 1S0
Silver Bay Road Area	<a href="mailto:mharvey102@hotmail.com">mharvey102@hotmail.com</a>	705-377-5269
<b>Director:</b> Martin Peddle <b>new</b>	21 Bentgrass Green	95 L7J Lane One
Eagle's Nest Area	Nepean ON K2J 4Y1 613-816-9143 <a href="mailto:martin.peddle@icloud.com">martin.peddle@icloud.com</a>	RR2 Manitowaning ON P0P 1N0 705-859-3559
<b>Director:</b> Steve Mann	51 Donnybrook Rd	220A Demmys Road
Rockville Area	London ON N5X 3C7 519-661-0004 <a href="mailto:smann220a@gmail.com">smann220a@gmail.com</a>	Mindemoya ON P0P 1S0 705-377-7950
<b>Director:</b> Mike Thompson	153 Old Mill Trail	Same
Holiday Haven Area	Manitouwaning ON P0P 1N0 705-859-2423 <a href="mailto:manitou58@gmail.com">manitou58@gmail.com</a>	
<b>Education Committee:</b>	See above	Phone:
Dave Anderson	<a href="mailto:renee.anderson@sympatico.ca">renee.anderson@sympatico.ca</a>	~
Pat Costigan	<a href="mailto:patriciawilliamson39@gmail.com">patriciawilliamson39@gmail.com</a>	705-377-6640, 519-576-1912
Mary Lohead (advisor)	<a href="mailto:jaloche@hotmail.com">jaloche@hotmail.com</a>	705-859-3505, 519-473-0597
John Harvey (maps)	<a href="mailto:thorajohn1@rogers.com">thorajohn1@rogers.com</a>	705-377-5269, 519-537-2996
<b>Lake Stewards:</b>	Email:	Phone:
Rob Coulter – Rockville Area	<a href="mailto:rgcoulter@sbcglobal.net">rgcoulter@sbcglobal.net</a>	705-377-4709, 248-852-2574, 248-217-5618
David Kains – Gibraltar Area	<a href="mailto:isleaway@gmail.com">isleaway@gmail.com</a>	705-377-6041
Mike Thompson – Holiday Haven Area	<a href="mailto:manitou58@gmail.com">manitou58@gmail.com</a>	705-859-2423
<b>Web Site Administrator</b>	sasalisbury@cox.net	Phone
Stan Salisbury		Summer 705- 377- 4982 Home winter 352-335-6596
<b>New Hospitality Co-ordinator</b>		Phone
Brenda Edington Sandfield	<a href="mailto:brendaedington@gmail.com">brendaedington@gmail.com</a>	705 673-2531

The editor and associate editor Mark and Jennifer Harvey send their best wishes to all the LMAA members and their families. We encourage all our members to attend LMAA functions and activities and to send to us their Lake Manitou observations and experiences. We very much appreciate receiving stories about your how your family came to settle on the Island and what your Manitoulin home or seasonal cottage means to you. These stories then appear in the "What's Your Manitoulin Story" section of the newsletter. Please help to protect our lake and ensure that it continues to be our great privilege to enjoy all that Lake Manitou has to offer.

**Keep Our Lake Great**

Mark and Jennifer Harvey send your Lake Manitou stories to

[mharvey102@hotmail.com](mailto:mharvey102@hotmail.com) or [jennbbharvey@gmail.com](mailto:jennbbharvey@gmail.com)

Cardinal Flower found every summer on Manitoulin.

