

# The Orchid

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## Bulletin of the Peterborough Field Naturalists

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Know • Appreciate • Conserve Nature in All its Forms

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Gray Jay, Algonquin Park ~ Submitted by Emily Pettypiece

### Inside:

Ontario Turtle Conservation Centre: Fall Update

Recent Setbacks to Harper Creek

Presqu'île Piping Plover Parent in Florida

Gray Jay Recollections

Christmas Bird Counts: Juniors, Peterborough and Petroglyphs



Top: Glossy Ibis, A.K. Sculthorpe Woodland Marsh, November 27th  
~ Submitted by Dave Milsom

Bottom: Brook Trout, Harper Creek, Peterborough, October 23<sup>rd</sup>  
~ Submitted by Don McLeod

Note: Don's photo illustrates fresh redds created by Brook Trout getting ready to spawn. The redd is a shallow depression in the creek bottom, typically in a section where gravel is present. This is created by the trout as a location to deposit their eggs. The two redds in Don's photo appear as lighter coloured patches just out from the photo centre.

## In this Issue:

Coming Events .....	3
Junior Naturalists .....	4
Other Events of Interest .....	5
PFN Directors Listing .....	6
Nominations for Directors .....	7
PFN Legacy Fund .....	7
Recent Setbacks to Harper Creek .....	8
Gray Jay Declared Canada's National Bird .....	9
Volunteer Corner .....	9
Fall Update From the Ontario Turtle Conservation Centre .....	10
Presqu'ile Piping Plover Parent Spotted in Florida .....	11
Peterborough & Petroglyphs Christmas Bird Counts .....	12
PFN Trip Report: Rice Lake Waterfowl and a Rare Bird in Port Hope .....	12
Did You See It? .....	13
How I Photographed the Supermoon .....	13
From the Archives: CBC in Millbrook .....	14
PFN's Annual General Meeting .....	14
Orchid Diary .....	15
PFN Membership Application .....	17

### Welcome New PFN Members!

- \* Sean Potts \*
- \* Elena Kiriloff, Mike Henry,  
and Junior Aniko Kiriloff \*
- \* Junior Iris Muir \*
- \* Jeff Wiltshire \*
- \* Sarah Jamieson, Kyle Morrison  
and Juniors Finnigan Morrison  
and Maeve Morrison \*
- \* Alix Taylor, Steve Masters  
and Juniors Kye Masters  
and Aaron Masters \*
- \* Mallory Peirce \*
- \* Paul McCarney \*
- \* Sarah D'Amario \*
- \* Ruth and Dennis Davenport \*
- \* Nancy Eaton \*

PFN Coming Events	
<p>Saturday December 3<sup>rd</sup></p> <p>7:00 am</p> <p>Tim Horton's parking lot, Sobey's Plaza, Lansdowne Street West, Peterborough</p>	<p><b>World's Greatest Concentration of Gulls</b></p> <p>This day trip will be a birding outing to the Niagara River, a designated Important Birding Area due to the variety and number of gulls which utilize the river in late fall. More species can be observed in a day than anywhere else in the world! There will be thousands of gulls consisting of ten or more species. Besides the gulls there will be other waterbirds, and southern specialties such as Tufted Titmouse. The leaders for this outing will be Martin Parker and Matthew Tobey.</p> <p>The trip will start from Peterborough with a secondary gathering location at the Adam Beck Generating Station Lookout at Queenston. If you are planning to meet the group at Queenston please advise Martin in advance (705-745-4750).</p> <p>Bring a packed lunch, binoculars, camera and telescope if you have one. Wear clothes suitable for the weather forecast for the Niagara River on this day.</p> <p>This outing will end in the Niagara Region in the late afternoon. For those wishing to spend the weekend at Niagara, the secondary meeting location at Queenston gives you the opportunity.</p>
<p>Wednesday December 14<sup>th</sup></p> <p>7:30 pm</p> <p>Camp Kawartha Environment Centre</p>	<p><b>Monthly Meeting: Members' Slide Show Night</b></p> <p>The members' slide show held at our December monthly meeting is a highly-anticipated annual PFN tradition. Show fellow PFN members your photos of a recent trip. Display those great nature moments or wildlife encounters that you've recently experienced. This is your night to 'show and tell'!</p> <p>Contact Jim Young at <a href="mailto:jbyoung559@gmail.com">jbyoung559@gmail.com</a> or phone 705-760-9397 to add your name to the list. Sharing your photos and your narrative makes for an interesting and educational evening for all.</p> <p>Sharing some Christmas baking is also part of the December PFN tradition, so please don't feel shy about bringing a goodie or two!</p>
<p>Sunday December 18th</p>	<p><b>66<sup>th</sup> Annual Peterborough Christmas Bird Count</b></p> <p>See page 12 for details</p>
<p>Tuesday December 27th</p>	<p><b>31<sup>st</sup> Annual Petroglyphs Christmas Bird Count</b></p> <p>See page 12 for details</p>
<p>Sunday January 1<sup>st</sup>, 2017</p> <p>6:30 am</p> <p>Riverview Park &amp; Zoo, Peterborough</p>	<p><b>OFO New Year's Day Birding in Peterborough</b></p> <p>Dave Milsom and Matthew Tobey will again co-lead this annual Ontario Field Ornithologists trip in the Peterborough area on New Year's Day to look for wintering birds. PFN members are invited to join birders from across the province who will be in our region. Members will scan sections of the Otonabee River between Peterborough and Lakefield for various species of wintering ducks, and then travel to the north shore of Stoney Lake for winter finches and other wintering land birds. Other locations will be visited depending on the location of significant sightings in the region in late December. An excellent way to start your new year's list!</p> <p>Bring a lunch and dress for the weather forecast the day of the outing.</p>



### PFN Coming Events cont'd

<p>Friday January 20<sup>th</sup></p> <p>5:30 pm</p> <p>Peterborough Naval Association, 24 Whitlaw Street</p>	<p><b>Join us for PFN's 76<sup>th</sup> Annual General Meeting</b></p> <p>Keep up to date on PFN business, elect the next executive, enter the raffle for prizes, enjoy a delicious meal and stay for an entertaining presentation!</p> <p>Tickets are just \$35 for the evening, and can be reserved by contacting Jim Young at 705-760-9397 or email <a href="mailto:jbyoung559@gmail.com">jbyoung559@gmail.com</a>.</p> <ul style="list-style-type: none"> <li>• Doors open at 5:30 pm; meal begins at 6:00 pm</li> <li>• Meeting at 7:00 pm, followed by raffle at 7:30 pm</li> <li>• Keynote speaker begins at 8:00 pm</li> </ul> <p>The AGM Keynote Speaker is Leora Burman, Corporate Founder and CEO of the organization "The Land Between". Leora's talk will focus on the last natural landscape in southern Ontario, and what the organization has achieved during the last 10 years.</p>
<p>Wednesday February 8<sup>th</sup></p> <p>7:30 pm</p> <p>Camp Kawartha Environment Centre</p>	<p><b>Monthly Meeting: Mothing in Peterborough</b></p> <p>Basil Conlin is a member of The Peterborough Field Naturalists and is very passionate about moths. He has previously written on this subject in The Orchid.</p> <p>This year Basil embarked on a personal project to document moths living within the city of Peterborough. To date he has found 560 species. Basil will talk with members about his findings, moth diversity and moth conservation specific to our city.</p>
<p>Wednesday March 8<sup>th</sup></p> <p>7:30 pm</p> <p>Camp Kawartha Environment Centre</p>	<p><b>Monthly Meeting: All About Amphibians</b></p> <p>Peter B. Mills is a naturalist and an artist. He has recently written and illustrated "Metamorphosis", a guide book to Ontario's amphibians at all stages of development. Peter will bring us a deeper level of understanding of the larval life of frogs, toads and salamanders; the critical developmental first half of their lives.</p>

### PFN Junior Field Naturalists (ages 5-12)

Be part of one of the longest running citizen science projects – join us at the Christmas Bird Count for Kids on Sunday, December 18th! We have volunteer birders to host hikes to look for birds and record results. Kids can use a bingo sheet to keep track of the species they have seen or heard. After the bird count we will head inside for songs and a puppet show with Glen Caradus of the Paddling Puppeteers! Before heading home, try feeding a Chickadee by hand at the bird feeders. Spaces are limited, so please register online:

<http://peterboroughnature.org/events/kids-christmas-bird-count/>.

Cross-country skiing on January 22nd: PFN families are invited to enjoy a winter afternoon exploring the trails at Camp Kawartha. Beginners are welcome and this is a great chance to try out a new sport with your kids! Spaces are limited so registration is required (kids and adults). <http://peterboroughnature.org/events/juniors-xc-skiing/>.

Trip Report: Tree planting took place in late October, with a big thank you to our volunteer tree planters! Our hard working crew planted 25 White Pine, Red Pine and White Spruce with Otonabee Conservation. Thanks for doing such a great job!



Other Events of Interest	
<p>Friday December 2<sup>nd</sup> 7:00 pm Guest Services Building, Riverview Park &amp; Zoo</p>	<p><b>Peterborough Astronomical Association: Annual General Meeting</b></p> <p>We will continue our program for "Novices in Astronomy" on December 2<sup>nd</sup>. The club's very own, John Crossen, will continue conducting his ever popular, "Getting Started in Astronomy" classes from 6:00 to 7:00 p.m. in advance of the meeting's activities. Just bring your curious mind and learn about the fascinating hobby of astronomy – and it's free!</p> <p>The Annual General Meeting begins at 7:00 pm, and will be followed by a "Christmas Social" consisting of an assortment of holiday cookies and snacks, supplied by members and guests. The highlight of the evening will be an astronomy equipment "show &amp; tell" by various club members. This will be a great time and atmosphere to meet and greet club members and learn about the range of astronomical gear and gadgets, from telescopes to eyepieces and everything in between. Plan to come out and be part of the fun, it promises to be "out of this world"! This is a great opportunity to check out the PAA and all it has to offer, at no cost. The novice class and AGM is an all ages meeting and party, plus the venue is barrier free. Keep looking up! Visit <a href="http://www.peterboroughastronomy.com">www.peterboroughastronomy.com</a>.</p>
<p>Friday December 2<sup>nd</sup> 7:00 pm Cobourg Public Library 200 Ontario Street</p>	<p><b>Biodiversity Research at Thickson's Woods and the Forgotten Pollinators</b></p> <p>Phill Holder will talk about the research being done at Thickson's Woods in Whitby, with special attention given to moths since it was discovered Thickson's Woods is a goldmine of moths! In just 2 years, 932 species of moths have been found at Thickson's Woods, with a new one for Ontario found very recently. The moths are studied by catching and releasing them; they are not collected. This will be an informative evening. For more information please visit <a href="http://www.willowbeachfieldnaturalists.org">www.willowbeachfieldnaturalists.org</a>.</p>
<p>Saturday December 17<sup>th</sup> 8:30 am North Kawartha Community Centre, 340 McFadden Road, Apsley</p>	<p><b>Christmas Bird Count for Kids – Kawartha Highlands Provincial Park</b></p> <p>Meet volunteers at the Community Centre, then drive to Kawartha Highlands Provincial Park (Anstruther Lake Road). Birding, campfire and hot chocolate! Please bring clothing suitable for the weather forecast, snacks, binoculars, and a bird ID book if possible. All children must be accompanied by an adult. To register please email <a href="mailto:shannon.mcgaffey@ontario.ca">shannon.mcgaffey@ontario.ca</a> or phone Shannon at 613-332-3940, extension 240.</p>
<p>Fourth Wednesday of each month 7:00 pm Lion's Centre 347 Burnham Street, Peterborough</p>	<p><b>Peterborough Horticultural Society monthly meeting</b></p> <p>The Peterborough Horticultural Society meets on the 4th Wednesday of each month. Meetings are held at the Lions Centre, 347 Burnham Street, Peterborough. Join us at 6:30 pm for socializing; the meeting begins at 7 pm. Annual membership rates are \$20 individual, \$25 family, \$2 guest. All are welcome and you don't have to be an experienced gardener! For more info visit <a href="http://www.peterboroughhort.com">www.peterboroughhort.com</a>.</p> <p>Upcoming 2017 monthly meetings: January 25<sup>th</sup>: Marcy Adzich, "Edible Urban Ecology: Food Forests and Beekeeping in our Urban Community" February 22<sup>nd</sup>: Robbie Preston "Victory Gardens to the Present" March 22<sup>nd</sup>: Gladys Fowler "Square Foot Gardening"</p>

## Other Events of Interest cont'd

<p>Friday, February 10<sup>th</sup>, 2017</p> <p style="text-align: right;">Nottawasaga Inn, Alliston</p>	<p><b>2017 Forests Ontario Conference</b></p> <p>The Annual Conference is a unique opportunity for landowners, forest professionals, educators and those interested in the health of our forests to connect.</p> <p>Our forests are being greatly impacted as climate change, pests and development pressures push them to their limits. Join us as we discuss how it takes a forest to build healthy communities and a robust and prosperous society.</p> <p>Early bird registration runs from October 1<sup>st</sup> to December 31<sup>st</sup>. Registration is \$115 for non-members, \$80 for members and \$35 for students. Included with your registration is access to all sessions, coffee breaks, lunch, and the exhibitors. The silent auction is one of the highlights and an opportunity to fundraise for Forests Ontario programs.</p> <p>For more information visit <a href="http://www.forestsontario.ca/">http://www.forestsontario.ca/</a>.</p>
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**Membership Renewals:** PFN memberships expire on December 31<sup>st</sup> each year but Orchid deliveries will continue until March. After August new memberships are valid until the end of the following year. A tax receipt is issued for memberships and donations.

PFN Board of Directors				Other Volunteers		
President	Lynn Smith	<a href="mailto:smithfam@nexicom.net">smithfam@nexicom.net</a>	944-5599	Membership Secretary	Jim Young	760-9397
Vice President	Kim Zippel	<a href="mailto:kimzippel@nexicom.net">kimzippel@nexicom.net</a>	740-0587	Orchid Editor	Marla Williams 874-5653 <a href="mailto:orchid@peterboroughnature.org">orchid@peterboroughnature.org</a>	
Secretary	Martin Parker	<a href="mailto:mparker19@cogeco.ca">mparker19@cogeco.ca</a>	745-4750	Orchid Mailing	Mary Thomas	
Treasurer	Don Pettypiece	<a href="mailto:don.pettypiece@gmail.com">don.pettypiece@gmail.com</a>	750-1145	Jr. Naturalists	Lara Griffin 749-3639 <a href="mailto:pfnjuniors@gmail.com">pfnjuniors@gmail.com</a>	
Program (indoor)	Phil Shaw	<a href="mailto:pshaw78@hotmail.com">pshaw78@hotmail.com</a>	874-1688	Ecology Park Feeders	JB Jaboor, Don Finigan	
Program (indoor)	Marie Duchesneau	<a href="mailto:duchesneau13@hotmail.com">duchesneau13@hotmail.com</a>	874-5739	Orchid Diary	Martin Parker	745-4750
Program (outdoor)	Paul Elliott	<a href="mailto:paulelliott@trentu.ca">paulelliott@trentu.ca</a>	740-0501	Miller Creek Management	Jim Cashmore, Jim Young	
Harper Park, Stewardship	Rene Gareau	<a href="mailto:rene.gareau@sympatico.ca">rene.gareau@sympatico.ca</a>	741-4560	Advocacy Committee	Jim Cashmore, Jim Young, Martin Parker, Ted Vale, Marilyn Hubley	
Webmaster	Chris Gooderham	<a href="mailto:webmaster@peterboroughnature.org">webmaster@peterboroughnature.org</a>	740-2081	Peterborough Christmas Bird Count (CBC)	Martin Parker	
Ontario Nature Rep	Ted Vale	<a href="mailto:tedandmarion@sympatico.ca">tedandmarion@sympatico.ca</a>	741-3641	Peterborough Butterfly Count	Jerry Ball	
Special Projects	Marilyn Hubley	<a href="mailto:maykeema@hotmail.com">maykeema@hotmail.com</a>	760-9378	Petroglyphs CBC	Colin Jones	
Peterborough Field Naturalists PO Box 1532, Peterborough ON K9J 7H7						

### Orchid submissions are welcomed!

Submission deadline for the January/February issue is **Friday, December 23rd**.

Send submissions to the Orchid Editor via email: [orchid@peterboroughnature.org](mailto:orchid@peterboroughnature.org)  
or post mail to: PFN, PO Box 1532, Peterborough ON K9J 7H7



## **New Orchid Editor! Welcome Kathryn!**

Please extend a warm welcome to Kathryn Sheridan, who has kindly agreed to volunteer as the new editor of The Orchid. Kathryn will be compiling and editing the January/February issue of The Orchid, and she looks forward to your submissions! Please send your photos, trip reports and other articles of interest to Kathryn via [orchid@peterboroughnature.org](mailto:orchid@peterboroughnature.org). Thank you for volunteering your time and energy, Kathryn!

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## **Notice to PFN Members – Nominations for Directors**

**Submitted by Lynn Smith**

The affairs of the Peterborough Field Naturalists are managed by 12 members who comprise the Board of Directors. The Nomination Committee annually prepares a slate of Directors for approval at the Annual General Meeting, to be held on Friday January 20, 2017.

There are 2 vacancies on the Board which the Nominations Committee has to fill. The normal term of a Director is 3 years.

If you are interested in serving on the Board, or would like to suggest a member who may be interested, please contact Lynn Smith at [smithfam@nexicom.net](mailto:smithfam@nexicom.net) or phone 705-944-5599.

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## **What will be your legacy? The PFN Legacy Fund**

**Submitted by Martin Parker**

In 2015 the Board of the Peterborough Field Naturalists received a significant bequest from the late Rhea Bringeman and decided to establish an Endowment Fund with the Community Foundation of Greater Peterborough; thereafter known as the PFN Legacy Fund. The fund is invested as part of the investment pool of the Foundation. In accordance with federal taxation legislation, a minimum of 3.5% must be dispersed annually from an endowment fund. The PFN is the designated recipient of the annual disbursement from the PFN Legacy Fund. The Board has the responsibility to spend the money in accordance with the PFN's objectives stated in the incorporation document: 'Know, Appreciate, and Conserve Nature In All Its Forms'.

In establishing an Endowment Fund it is hoped that the fund value will increase with time due to the difference between the annual total income and the amount paid out to the PFN. It is also hoped that additional bequests and other donations would be received for the PFN Legacy Fund as well.

### **Consider a Memorial Donation to the PFN Legacy Fund**

Recognize a friend or loved one who has passed away by donating a meaningful gift to PFN Legacy Fund, where it will earn interest in perpetuity to support our programs. Friends and family appreciate knowing a lasting legacy has been created in honour of a loved one, while working for our purpose to 'know, appreciate and conserve nature in all its forms'.

Immediate donations may be made online at [www.cfpg.ca/establishedfunds.asp](http://www.cfpg.ca/establishedfunds.asp) - click the Canada Helps window and select Peterborough Field Naturalists from the dropdown menu.

### **Consider a Bequest to the PFN Legacy Fund**

A bequest to the PFN and our Legacy Fund will ensure that the objectives of the PFN continue into the future. Necessary changes to your will can be discussed with your lawyer.

Please feel free to talk about this in confidence with the PFN President, Treasurer or Secretary, or with your lawyer.



Red-throated Loon, Little Lake, November 28<sup>th</sup>  
~ Submitted by Dave Milsom

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**Recent Setbacks to Harper Creek**  
**Reprinted from Peterborough This Week,**  
**November 3, 2016, as reported by Jamie Steel**

The Otonabee Region Conservation Authority (ORCA) is investigating a complaint about fill reportedly being dumped near Harper Creek in Peterborough. Kim Zippel, an advocate of the creek and member of Peterborough Field Naturalists, was in the area completing brook trout spawning surveys when she came across the pile of uncovered soil.



"The amount of fill deposited is extensive, literally tonnes, and the hills of mud are eroding into the stream," Zippel wrote in an October 21<sup>st</sup> email to various ministries and authorities, including ORCA. "Given the sensitivity of this habitat, and because trout are currently spawning in this stream, I beg you to investigate, and mitigate, this hazard with all due haste."

While she confirmed receipt of a complaint regarding fill placement adjacent to Harper Creek, Jennifer Clinesmith of the Conservation Authority said she could not comment further until the investigation is complete. "Otonabee Conservation administers Ontario Regulation 167/06, the 'Development, Interference with Wetlands and Alterations to Shorelines and Watercourses' regulation under Section 28 of the Conservation Authorities Act. Under this regulation, any development (including fill placement) within an area subject to the regulation requires a permit from the Conservation Authority before any activities begin," wrote Clinesmith, manager of plan review and permitting services, in an email.

"Areas that are regulated under Ontario Regulation 167/06 include river and stream valleys (including any associated flooding and erosion hazards), unstable soils, wetlands, shorelines and watercourses themselves." Clinesmith said each of these features also as an 'area of interference' or 'adjacent area', which is subject to the regulation. "When we receive a complaint, or if a member of the public approaches us with a development proposal, we first determine if the work is in a regulated area, and then, second, if the work would be considered development and go from there," wrote Clinesmith.

As a steward of the creek, Zippel says it is her job to notice potentially negative impacts and notify authorities who may be able to step in and protect the habitat. When Zippel noticed the soil in the creek, that's just what she did. "I pushed really hard," she says.

The property in question, 728 Rye Street, is the location of Liftlock Group, a company Peterborough Mayor Daryl Bennett was an owner of and has been involved with for more than 40 years. Mayor Bennett is also a member of the ORCA board. Rob Bennett, of Liftlock Group, says the matter was simply a relocation of top soil from elsewhere on the company's property. He says ORCA has asked them to move the soil, which they are doing, and that's all.

According to Jolanta Kowalski of the Ministry of Natural Resources and Forestry (MNRF), conservation officers have performed two site inspections in response to two complaints filed. "There were no observed violations of our legislation so MNRF is not currently investigating but we remain engaged supporting our enforcement partners," Kowalski wrote in an email.

Kevin Hill of Fisheries and Oceans Canada offered a similar comment: "The Fisheries Protection Program of Fisheries and Oceans Canada works collaboratively with others to manage impacts to commercial, recreational and Aboriginal fisheries. These impacts can result from habitat degradation or loss, alterations to fish passage and flow, and aquatic invasive species, for example," he wrote in an email. "Our Fisheries Protection Program staff are currently working with the Otonabee Region Conservation Authority, the Ministry of the Environment and Climate Change, and Environment and Climate Change Canada in response to a complaint received regarding fill placement adjacent to Harper Creek."



Zippel is passionate about the well-being of the brook trout and wants individuals, businesses and all levels of government to not only respect the fish population but celebrate its existence in Peterborough.

"It's a pretty amazing phenomenon and something we should be really, really proud to have in Peterborough," she says. "It's something we should celebrate having in our City."

Instead, Zippel says the trout have been subject to three offending occurrences this summer: a business setting up their drainage system for the water to enter the creek, the demolition of a beaver dam and now this pile of soil. "This could just be a complete lack of awareness," she says. The City's Official Plan references the Harper Park area, specifically noting the need to protect and maintain the area as part of the Lansdowne West Secondary Plan.

Zippel says many people ignore the needs of the natural environment — as discussion about the area has become increasingly politicized due to the City's approval of a casino on nearby Crawford Drive — but many more want to see the fish and other wildlife protected. She adds incidents like the pile of dirt are aggravating the worsening condition of the creek and limiting the likelihood of the naturally-occurring trout remaining in Peterborough in the coming years. As for the apparent lack of action taken to meet the objective of the Official Plan and protect the Harper Park area, as well as the upper levels of government allowing the erosion of the environment, Zippel says "it offends my sense of justice."

### **Gray Jay Recently Declared Canada's National Bird**

**A Recollection by Don & Emily Pettypiece; Photo submitted by Don Pettypiece**

In 2014, we conducted our annual February trip to feed Gray Jays in Algonquin Park. We entered the Eastern Gate and headed up the Opeongo Lake Road to our usual stop. When we arrived there we were greeted by four men with large tripod-mounted camera setups. Two were from Hamilton, looking to add this creature to their Life List. The other two were their friends from Ottawa.

The men were all set: conifer boughs stuck into snow banks, feed scattered around, and a mixture of smaller birds and Blue Jays squabbling away. But no Gray Jays – not even one in sight! After suffering the long faces for several minutes, I approached them and suggested that Gray Jays actually like to be hand fed. The men stared incredulously at us.



So Emily went to our vehicle, retrieved a handful of feed and held it out. We crossed our fingers. In less than a minute, lo and behold, a Gray Jay landed. Smiles all around! The word after that from the men was 'follow the woman'.

It is amazing to me how they are not visible, even when close by. Hold out some food and be prepared. In my experience, they seldom fly in from the direction you expect, and being very silent they can startle. Gray Jays don't sit long so the camera should be pre-focused and ready to go. Eventually you can spot them on a branch and watch them glide in.

A quiet, truly Canadian bird that attracts us on this almost annual pilgrimage.

### **PFN Volunteer Corner: Rallying for Refreshments**

For the past 18 years PFN members have enjoyed refreshments at the Club meetings, thanks to Emily Pettypiece and her backup, Don Pettypiece. Emily and Don feel it is time to retire from this job and they encourage others to come forward. Thank you so much for your efforts, Emily and Don!



Please contact Lynn Smith ([smithfam@nexicom.net](mailto:smithfam@nexicom.net) or 705-944-5599) if you are interested and willing to help look after the refreshment table at Club meetings. Your contribution to the PFN meetings will be most appreciated!

## **Fall update from the Ontario Turtle Conservation Centre (OTCC)**

### **Article and photos submitted by the OTCC (formerly the Kawartha Turtle Trauma Centre)**

We are delighted to share some highlights of our activities at the Ontario Turtle Conservation Centre (OTCC). Thanks to our amazing supporters, we were honoured this year with a "Silver Salamander" conservation award by the Canadian Herpetological Society in recognition of our "longstanding dedication to the recovery of Ontario's turtles". Through our turtle hospital, hatchling program, field studies and education program, we are indeed making a difference for Ontario's turtles.

On October 13<sup>th</sup>, the OTCC was honored to host the Minister of Natural Resources and Forestry Kathryn McGarry, the Minister of Agriculture Jeff Leal, a group of MNRF employees, and the local press. Minister McGarry personally requested a visit to our Centre so that she could witness firsthand the ground-breaking work we do. Minister McGarry et al were given a private tour of our facilities, as well as an educational overview of Ontario's native turtle species, their life history and the threats they face.

Dr. Sue Carstairs, OTCC Director, highlighted the work that the OTCC carries out tending to the immediate needs of Ontario's injured turtles, while putting conservation and education initiatives in place to address both the acute and long-term threats they face. In deference to Minister McGarry's background in nursing, particular attention was given to the revolutionary medical conservation and rehabilitation work performed by OTCC.

Pictured right is Minister Kathryn McGarry visiting with "Blandella" the Blandings Turtle at the OTCC.



### **In From the Outdoors: Field Research**

The canoes, hip-waders, radio-telemetry and field research equipment have been retired for the winter. We are pleased to report that we have had another successful field season continuing our long-term study of the use of headstarting as a conservation tool for freshwater turtles. Megan Miller and her die-hard crew of summer field tech staff and volunteers did an amazing job tracking and recording turtle habits and habitats for both our headstarted turtle species and the control group of same size wild turtles.

### **Turtle Care: Hospital Updates**

As usual, the hospital was busy all summer, particularly in May and June. Most wild turtles have found their overwintering sites by October, so things are considerably quieter these days. However, the unseasonably warm weather meant that we admitted a significant number of wounded turtles to the hospital much later than usual.

As we do each year, the data taken from this year's admissions will be mapped and tabled so that we can look for trends and continue to provide significant data to governmental and non-governmental agencies alike to aid in their initiatives to save turtle species.



In addition to treating and rehabilitating injured turtles, our nursery has been very productive. This season we incubated over 1500 eggs, of which over 700 have already hatched, and more are hatching all the time. A big thank you to the many clinics and organizations that donate much needed medical supplies for the care and treatment of our patients. We are always looking for items on our wish list. Please visit our website at [www.ontarioturtle.ca](http://www.ontarioturtle.ca) to see how you can help us out with a donation in kind.

### **Shell-e-brating! OTCC's Open House**

In September, OTCC hosted its annual Fall Open House. The OTCC staff, volunteer team and our resident turtles were all on hand to Shell-e-brate! The turtles were the highlight of the event as they played in the indoor and outdoor education centres. We had great fun doing arts and crafts with all the kids who showed up to learn about

Ontario's native turtles, their environments, our Centre and the amazing work we do to help rehabilitate, preserve and protect these incredible species. The turnout for the event was 'turtly awesome', and close to \$2,500 was raised through our bake sale and through generous donations from turtle supporters.

### **Out and About: Education and Outreach**

Seven of Ontario's eight native turtle species are listed as at-risk of disappearing; thus educating the public about turtle conservation and protection is vital for the survival of our native turtle species.

Since the summer, we have been offering programs, hosting groups at our indoor and outdoor education facilities, and taking our education team out to community events. Wendy Baggs, our Education Coordinator, is back in action this fall with a crew of terrific volunteer educators and of course there are our OTCC ambassadors like "Paddy" and Andrea". Pictured right is Wendy Baggs demonstrating proper snapping turtle handling techniques.



If you would like to book a tour, or arrange for an educational event, please call 705-741-5000 and remember that all proceeds go towards supporting OTCC! Come out of your shell this winter and join us at the Centre for one of our workshop series, with educational and artistic options. And both series have options for kids and adults! Spaces are limited; follow us on social media and visit our website for details: [www.ontarioturtle.org](http://www.ontarioturtle.org).

### **Presqu'ile Piping Plover Parent Spotted in Florida**

**Courtesy of the Friends of Presqu'ile Park; Photo courtesy of David Bree, June 3<sup>rd</sup>, 2016**

The female plover from the pair that nested on Presqu'ile Provincial Park's beach and raised three chicks this summer was photographed in Florida on Nov 3<sup>rd</sup>. As you might recall, this summer's nesting was the first documented here in 100 years. Piping Plovers are an endangered species and their nesting here caused lots of excitement. The park put up some exclusion fencing and made a request to the community for volunteers to help monitor the family and inform beachgoers what was happening on our beach and how we could all work to keep the birds safe.

We had a great response and many Friends members came out to help. Three chicks successfully fledged and flew away on August 16<sup>th</sup>. As is normal, the parents had left earlier; the female on July 11<sup>th</sup> and the male on July 28<sup>th</sup>.

Normally in these situations that is it; we don't know where our plover family has gone or how they are doing and we wait, anxiously hoping we will see them again next year. But thanks to three dedicated volunteers half a continent apart and today's technology we have been able to make a connection with our plover family well before spring.

Karina Spence and Anja Croes were two of our Plover Volunteers this summer and since the babies left they have been scouring the internet webpages looking for Piping Plover pictures for birds with our colour combination leg bands. Danny Sauvageau is a bird and photography enthusiast in Florida who specializes in photographing banded birds. On Nov 5<sup>th</sup> he posted some pictures on his Facebook page "Florida Banded Bird Resightings" from his trip to Three Rooker Bar, and Anja and Karina spotted our lady!

Three Rooker Bar is a sand bar island off the gulf coast of Florida very near Tampa Bay, 1,845 kilometres from Presqu'ile. Apparently Danny saw her in that area last year as well. This is great news and has made many plover watchers happy here at home. Maybe we will hear more about our birds this winter thanks to our volunteers across two nations.



## **66<sup>th</sup> Peterborough Christmas Bird Count – A Holiday Tradition – Sunday, December 18th**

### **Submitted by Martin Parker**

**For experienced and beginning birders alike! Pre-registration is required.**

The Peterborough Christmas Bird Count (CBC), now in its 66<sup>th</sup> year, is the longest running wildlife survey in Peterborough County. The Peterborough CBC participants cover an area contained within a circle with a diameter of 24 kilometres, centered on the intersection of Chemong Road and Sunset Boulevard in the City of Peterborough. This total count area is divided into smaller areas and a team of participants is assigned to each area. This is an all-day event.

The participants spend the day visiting various habitats within their area, recording both the number and the species of birds observed. At the end of the day all teams will gather at a local establishment for supper and swapping stories. The final results of the count will be compiled after the meal. All area teams are led by one or more experienced counters.

Organization of the count is coming together and lots of members and friends of the PFN have registered to participate! There are 10 areas within the count circle, each which will be covered by a group of participants.

The Areas and Party Leaders are as follows:

Chemong/Bridgenorth	Bruce Kidd and Don McLeod
Miller Creek/Selwyn	Sean Smith and Brian Wales
Lakefield/Otonabee East	Dave Milsom and Iain Rayner
Douro Wedge	Bill Crins and Mike Oldham
Burnham	Drew Monkman
Stewart Hall/Landfill	Scott McKinlay
Airport	Mike McMurtry
Cavan Swamp	Chris Risley and Erica Nol
Jackson Park	Gerry Ball
Downtown	Don Sutherland

There is still time to register and participate in this Peterborough birding tradition and long-term citizen science project! To register contact Martin Parker (count compiler) as soon as possible by phone 705-745-4750 or by e-mail [mparker19@cogeco.ca](mailto:mparker19@cogeco.ca). Plan to participate in this Christmas tradition! It is an excellent way to learn more about our wintering birds, and an unexpected species or two will highlight one's day.

### **31<sup>st</sup> Annual Petroglyphs Christmas Bird Count**

This is the second Christmas Bird Count conducted in the Peterborough Region by members and friends of the PFN. This count samples the bird life in an area that stretches from the north shore of Stoney Lake northward to the Aspley/Jack Lake area. This year the Petroglyphs count will be held on Tuesday, December 27<sup>th</sup>.

The compiler for this count is Colin Jones and new participants are welcome. Participants will be split into several field parties, each covering a different area of the overall count circle. At the end of the day all the parties will gather to compile the final results. To join this count contact Colin Jones in advance at [colin.jones@ontario.ca](mailto:colin.jones@ontario.ca).

### **PFN Trip Report: Rice Lake Waterfowl and a Rare Bird in Port Hope**

#### **Article and photo submitted by Don McLeod**

Fifteen members of the Peterborough Field Naturalists (PFN) met in Peterborough at 1:00 pm on November 27<sup>th</sup> to carpool for a birding trip to Rice Lake. As the group gathered and exchanged greetings, Martin Parker said "we have a palace revolt"! There was a fresh report of a rare bird, but it was a bit further away in Port Hope. When the dust settled, everyone was happy to go along with the new agenda and find the rare bird. Reports of a Glossy Ibis recently being seen at the A.K. Sculthorpe Memorial Woodland Marsh in Port Hope proved true for our group.





Everyone got an excellent, extended view of the bird around 2:00 pm as it foraged through the mud of the partially dried-up pond. There were also several Mallards in the same pond vicinity.

This Ibis was in winter adult plumage (photo at left). I asked Martin how rare is the Glossy Ibis; Martin replied that he has had only six sightings for Southern Ontario over the past few decades. On average there is one per year somewhere in Southern Ontario.

After viewing the Glossy Ibis, we all turned our attention to nearby Lake Ontario. The following bird list was generated from sightings along the lakeshore and out on the lake: Bufflehead, Common

Goldeneye, Red-breasted Merganser, White-winged Scoter, Ring-billed Gull, Herring Gull, Belted Kingfisher, American Crow and White-breasted Nuthatch.

Our side trip to Port Hope impacted the number of stops along Rice Lake. But we still managed to stop at Bewdley, Pengelly Landing and Wood Duck Creek where the following list was generated: Canada Goose, Cackling Goose, Mallard, Ring-billed Gull, Herring Gull, Common Loon, Common Merganser, Common Goldeneye and Downy Woodpecker. The Cackling Goose was difficult to find as there were only a couple among a flock of 200 Canada Geese. But thanks to Kim Clark and Martin Parker, several PFN members got their first look at a Cackling Goose.

## Did You See It?

### Poem and photo submitted by Murray Palmer

It rose above the treetops, shedding an unseen red-orange hue.  
 Thrice or more obscured by clouds, it came briefly into view.  
 In an oval orbit around the Earth, it was at its perigee,  
 Where people saw it as close to Earth as it's bound to be -  
 Fourteen per cent bigger and thirty per cent brighter  
 Than normal, making world viewers' hearts feel lighter.  
 This illusory super moon only looks larger at the horizon  
 Where foreground objects exist to trick comparing eyes on.  
 Last seen in 1948, and again the fourteenth of December,  
 November's is a generational phenomenon to well remember.  
 Now off white, this full moon shows its strange features:  
 Highlands, craters, maria - it's no place for earthly creatures.  
 Still the moon somehow elicits our deep fascination,  
 And staring at it seems to create a focus for meditation.  
 There's one more of six super moons in 2016 to see;  
 Perhaps this perigee syzygy will find you in Nature with me.



## How I Photographed the Super Moon of November 14, 2016

### Submitted by Murray Palmer

My interest in photography is usually limited to subjects with no sign of civilization on this beautiful but increasingly stressed and ravaged planet, so when I heard on the newscast about this date's super moon being the best perigee syzygy I'll see, I grabbed my camera and hurried outside to look for the rising moon.

Mounted on my camera was a 400 mm lens (no IS, or image stabilization or VR, or vibration reduction in it) with a 1.4x telextender and chest support which I use for wildlife. I seldom use tripods so that I can quickly find the best shooting position. At first there was only a bright, smudge-like patch in the lower sky, and I took a trial shot since there was no middle grey object to meter on. The recommended f/16 aperture with a shutter speed of 1 over the

ISO number (justified by the light reflected by the sun) wouldn't work in a cloudy sky, producing only what appeared to be a solid medium blue blank in the LCD display. With a little luck, I guessed at a few settings, settling on 1/100 sec. at f/9 and ISO 250 with a 'cloudy, twilight, sunset' light balance, which gave me a satisfactory image in Manual mode when viewed in the darkness of the evening.

I had to wait for the moon to show above and between masses of cloud to obtain the image shown. With some cropping and darkening, I believe this image is successful!

### **From the Archives: 1905 Christmas Bird Count in Millbrook Submitted by Martin Parker**

Christmas Bird Counts (CBC) in North America commenced in December, 1900. Thus the new year marks the 117<sup>th</sup> year Christmas Bird Counts have been held. One of the original counts was held in Toronto and it continues today!

The oldest count in Peterborough County, as it currently exists, was held at Millbrook on December 25<sup>th</sup>, 1905, according to the National Audubon Society (NAS). This count had one participant and there is no indication of the number of field hours. He (the participant) recorded a total of nine species of birds representing 28 individual birds. The results of this count are Ruffed Grouse 3; Great Blue Heron 1; Red-tailed Hawk 1; American Woodcock 1; Downy Woodpecker 2, Blue Jay 5; Chickadee sp. 10; White-breasted Nuthatch 2; and Brown Creeper 1.

The Millbrook count was repeated annually until 1915, with the last count being held on December 24<sup>th</sup>, 1915 for a total of eleven counts. There is no information on who completed the counts but there was only one participant each year. Some of the early counts involved covering the same route each year.

On December 23<sup>rd</sup>, 1928 another count was held and identified as 'Frazerville-Cavan'. One person participated, with a total of 12 species representing 175 individuals. The results were American Black Duck 5; Ruffed Grouse 1; Great Blue Heron 2; Northern Goshawk 1; Great Horned Owl 3; Downy Woodpecker 2; Hairy Woodpecker 5; Blue Jay 2; Chickadee 140; White-breasted Nuthatch 8; Brown Creeper 1; European Starling 5. Snow Bunting, American Tree Sparrow and Goldfinch species were recorded as being present during the count week.

Two other counts, which have been held in Peterborough County, are no longer being conducted. A count centred on Woodview, north of Burleigh Falls, was held for an 8-year period from 1968 to 1975, by Earl Stark and Bob Trowern. Note that the current Petroglyphs CBC covers part of this former count's area. The second historic count is the Buckhorn CBC, which was founded by Doug McRae in 1978. The Buckhorn CBC was completed for eleven years with the last one being held on December 18<sup>th</sup>, 1988.

Counts submitted to the National Audubon Society are reported. Visit the NAS website at <http://netapp.audubon.org/CBCObservation/Historical/ResultsByCount.aspx#> to view historic CBC records.

### **Reminder: Peterborough Field Naturalists 2017 Annual General Meeting**

Guest Speaker Leora Berman will discuss "The Land Between"... both the ecotone and the organization that is dedicated to conserving and enhancing its unique cultural, natural and economic features.



Date: Friday, January 20, 2017    Cost: \$35/person    Location: Peterborough Naval Association

**Please RSVP by December 31<sup>st</sup>**    To reserve your tickets contact Jim Young at [jbyoung559@gmail.com](mailto:jbyoung559@gmail.com) or phone 705-760-9397.

Reception: 5:30 pm    Dinner: 6:00 pm    Meeting: 7:00 pm    Raffle: 7:30 pm    Speaker: 8:00 pm

Contact Rene Gareau if you have raffle items to donate: [rene.gareau@sympatico.ca](mailto:rene.gareau@sympatico.ca) or phone 705-741-4560. We look forward to seeing you, PFN members and non-members alike!



## The Orchid Diary



A summary of noteworthy observations by PFN members and others in the Peterborough Region.

Information is compiled from e-bird, the Drew Monkman Sightings website, PTBO Sightings, and individual submissions. Please submit your interesting observations to Martin Parker at [mparker19@cogeco.ca](mailto:mparker19@cogeco.ca) or phone (705) 745-4750.

Weather	The daily temperatures continued above average for most of the month. There was a phase of cold temperatures with snow at the end of the reporting period.
Oct. 3 & 9	Late report -- Kathryn Sheridan observed a Barred Owl on both of these dates. She noted that on both dates <b>American Robins</b> were loudly sounding their irritation of the owl's presence. She noted she wouldn't have known the owl was there if the robins were not scolding.
Oct. 8	Late report of a <b>Moose</b> in the area of South Bay, Stoney Lake by Linda Gilbert.
Oct. 12	Late report -- A <b>Hog-nosed Snake</b> was photographed near Hwy 507 in Trent Lakes by Marie Windover and she also found some hibernating bats in an old mine in the same area.
Oct. 26	A <b>Red-necked Grebe</b> on Chemong Lake at the Upper Chemong Drive boat launch by Iain Rayner. Dave Milsom had a very late <b>Osprey</b> along the canal in the Trent U Nature Area.
Oct. 31	The latest report of an <b>Osprey</b> was by Iain Rayner in the Bear Creek Road area. Iain Rayner had a <b>Red-shouldered Hawk</b> over the Municipal Office, Trent Lakes.
Nov. 1	A <b>Red Fox</b> was photographed near Flynn's Corner by Jeff Keller.
Nov. 2	Iain Rayner and Mathew Gavin found a <b>Gray Catbird</b> in the Edgewater Road area of east city. Kim Zippel reported that while conducting a <b>Brook Trout</b> spawning survey on Harper Creek the volunteers observed a <b>Great Blue Heron</b> , <b>Mink</b> and 2 <b>Beavers</b> .
Nov. 3	Mike V.A. Burrell had a <b>Ruby-crowned Kinglet</b> along the 8 <sup>th</sup> Line of Douro. Jerry Ball had a <b>Bonaparte's Gull</b> and <b>Common Loon</b> off Pengelly Landing, Rice Lake.
Nov. 4	Another <b>Ruby-crowned Kinglet</b> was found by Donald Sutherland along the Rotary Trail at Trent U. Dom McLeod observed 11 <b>Red-breasted Mergansers</b> in the south end of Chemong Lake. Numbers varied from 3 to 11 until the middle of November.
Nov. 6	Matthew Tobey and Martin Parker observed a <b>Clouded Sulphur</b> (butterfly) in the vicinity of Lock 23 and another at the Lakefield Lagoon. Late date for butterflies to still be flying. Al Sippel observed a <b>Cabbage White</b> (butterfly) and <b>Sandhill Crane</b> in the Peterborough area. Iain Rayner had 4 <b>Black Scoters</b> and 4 <b>Horned Grebes</b> on Pigeon Lake near Sandy Point.
Nov. 7	Robert Fisher saw a <b>Mink</b> in the area where Lily Lake meets the TransCanada Trail.
Fox Sparrows	There were numerous observations of <b>Fox Sparrows</b> coming to various feeders in the area including along the 8 <sup>th</sup> Line of Douro by Mike Burrell, Meadowview Road (Tanya Taylor) and Westbrook Drive (Martin Parker). This species continued visiting feeders until Nov 22 <sup>nd</sup> .
Nov. 9	A Red-winged Blackbird was present the yard of Lynn and Larry Smith in the Cavan area. Robert Saunders reported a <b>Red-tailed Hawk</b> and flock of 12 <b>Snow Buntings</b> in the Anstruther Lake area, Apsley. Jerry Ball reported <b>Bonaparte's Gulls</b> were present on Rice Lake. A <b>Common Grackle</b> was observed by Martyn Obbard at Sumcot Drive in Trent Lakes. An <b>American Black Bear</b> was photographed near Young's Point by Jeff Keller.
Nov. 9 & 10	Susan Paradisis had a <b>Common Flicker</b> both days, on the 8 <sup>th</sup> in the Trent U Nature Area and on the 10 <sup>th</sup> in her yard.
Nov. 11	Susan Paradisis had a <b>Cooper's Hawk</b> in her yard and when it arrived the many birds which normally visited her feeders disappeared. Helen Nicolaides Keller had a <b>Cooper's Hawk</b> in her yard in the City. It had captured a Rock Pigeon. A late <b>Red-shouldered Hawk</b> was observed at the Back Channel, Pigeon Lake by Donald Sutherland and Warren Dunlop. A <b>Yellow-rumped Warbler</b> was present in the yard of Iain Rayner in the City.

Nov. 12	Four <b>Trumpeter Swans</b> (two adults and two young) were present on Upper Buckhorn Lake near Kawartha Hideaway according to Jane Philpott. A <b>Red-necked Grebe</b> was present near Sandy Point, Pigeon Lake according to Iain Rayner and Warren Dunlop.
Nov. 13	Don McLeod watched a <b>White-tailed Deer</b> swim about 250 metres across Lower Chemong Lake in under five minutes.
Nov. 14	A <b>Red-necked Grebe</b> off the Fothergill Island Causeway, Pigeon Lake by Iain Rayner.
Nov. 15	A <b>Double-crested Cormorant</b> was present in the area of the London Street Bridge by Mathew Garvin and seen by multiple observers until Nov. 25 <sup>th</sup> .
Nov. 16	Donald Sutherland had 1 <b>Snow Goose</b> in the area of the Trent University. Two reports of a <b>Peregrine Falcon</b> in the city, one near the London Street bridge by Basil Conlin and downtown near the Greyhound Bus terminal by Iain Rayner.
Nov. 18	2 <b>Black Scoters</b> were spotted on Chemong Lake, west of the causeway, by Luke Berg. A <b>Brown Thrasher</b> was found in Meadowview Park by Iain Rayner and Mathew Garvin.
Nov. 19	<b>Double-crested Cormorant</b> was on the Otonabee River between Lock 22 and 23. Don McLeod counted 19 <b>Bonaparte's Gull</b> on Chemong Lake. This species has been observed on Pigeon Lake and Rice Lake in the latter part of the month.
Nov. 20	A male <b>Wood Duck</b> was present on the Otonabee River between Lock 24 and 25 by Iain Rayner and was seen by others until the end of the reporting period. Tim Dyson had a single female <b>Evening Grosbeak</b> in his yard near Stoney Lake.
Nov. 21	Bill Snowden reported that a small flock of <b>Red-winged Blackbirds</b> have been visiting his feeder at Lower Buckhorn Lake for a couple of days. Reports of <b>Northern Shrike</b> came from Erica Nol at the Trent campus and along County Road 4 by Scott Gibson.
Nov. 24	Bill Snowden reported an <b>American Tree Sparrow</b> arrived at his feeder on southern Buckhorn Lake.
Nov. 25	A <b>Red-throated Loon</b> was off Fothergill Causeway, Pigeon Lake by Iain Rayner.
Nov. 26	Dave Milsom and Brian Wales had 2 <b>Cackling Geese</b> within the flock of Canada Goose off Pengelly Landing. Seen the next day on the PFN outing to the same location. Donald Sutherland had a late departing <b>Eastern Meadowlark</b> at Cork Line at County Road 16 in the Ennismore area.
Nov. 27	A <b>Red-throated Loon</b> was found on Little Lake by Toby Rowland and observed by many on November 28 <sup>th</sup> .
Nov. 28	Just after dawn a <b>King Eider</b> was found at the Fothergill Island Causeway on Pigeon Lake by Iain Rayner and observed by many other observers during the day. Observers at this location also found a <b>Wood Duck</b> , a <b>Gadwall</b> , and 4 <b>American Widgeons</b> plus the regular late November waterfowl at this location.



Left:  
Purple Sandpipers,  
Presqu'île Provincial Park,  
(Gull Island)  
November 27<sup>th</sup>  
~ Submitted by Dave Milsom



Right:  
Porcupine Skull,  
Harper Park, Peterborough  
Fall 2016  
~ Submitted by Don McLeod





# PETERBOROUGH FIELD NATURALISTS

[www.peterboroughnature.org](http://www.peterboroughnature.org)

## membership application form

Memberships may be obtained by mailing completed form and cheque to Peterborough Field Naturalists  
PO Box 1532, Peterborough, ON K9J 7H7

### CONTACT

Name (s):		Home Tel:	
		Work Tel:	
Address:		Receive Orchid by:	<input type="radio"/> snail mail <input type="radio"/> e-mail <input type="radio"/> both please
		Email(s):	

### MEMBERSHIP TYPE & FEE SCHEDULE

Please make cheques payable to *Peterborough Field Naturalists*

1. Single Adult \$25 ☐      2. Single Student \$15 ☐      3. Single Child\* (age 5-12) \$10 ☐  
4. Family (couple or family with children\*) \$30 ☐

\*Please give the name(s) and age(s) of the children you wish to be enrolled in the PFN Junior Naturalists

Name	Age*	Name	Age*

### MAIN INTERESTS

- |                                 |   |   |                                   |
|---------------------------------|---|---|-----------------------------------|
| <input type="radio"/> Birds     | <input type="radio"/> Butterflies/insects | <input type="radio"/> Botany (Wildflowers/trees/shrubs) |                                   |
| <input type="radio"/> Astronomy | <input type="radio"/> Aquatic Life        | <input type="radio"/> Geology                           | <input type="radio"/> Field Trips |
| <input type="radio"/> Hiking    | <input type="radio"/> Conservation        | <input type="radio"/> Other (specify)                   |                                   |

I (name \_\_\_\_\_) am knowledgeable in the following areas \_\_\_\_\_ and would be prepared to

- ☐ lead an outdoor session      ☐ give a presentation      ☐ prepare an article for The Orchid

### I am interested in the following:

- ☐ Joining the PFN Executive      ☐ Sitting on research or conservation committees      ☐ Working on field projects  
☐ Helping with refreshments at meetings      ☐ Please have a member of the executive call me

### AGE GROUP

This information helps us to understand the needs of our members. If a family membership, please check for each adult

- |                                |                             |                             |                             |                             |                             |                             |                                |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|
| <input type="radio"/> Under 20 | <input type="radio"/> 20-29 | <input type="radio"/> 30-39 | <input type="radio"/> 40-49 | <input type="radio"/> 50-59 | <input type="radio"/> 60-69 | <input type="radio"/> 70-79 | <input type="radio"/> 80< over |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|

### DONATIONS

Membership fees cover the general operating costs of the club while other sources of revenue are needed to fund special projects such as ecological restoration. You can assist the club by making a donation to help further our work in such areas. The PFN is a registered charity and issues receipts for income tax purposes. All donations are gratefully received and any member of the executive will be happy to speak to you concerning the use of such funds.

### LIABILITY WAIVER

In consideration of the Peterborough Field Naturalists (PFN) accepting this application, I hereby for myself, my heirs, executors, administrators and assigns forever release and discharge the PFN, their officers, directors, servants and agents from any liability whatsoever arising from my participation in PFN activities, whether by reason of negligence of the PFN or its representatives, or otherwise. I affirm that I am in good health, capable of performing the exercise required for field trips or other activities in which I participate, and accept as my personal risk the hazards of such participation. As a member of the PFN and/or as a parent/guardian of a member under 18 years of age, I have read and understood the above, and accept its term on behalf of all of my underage children.

Signature: \_\_\_\_\_