

# The Orchid



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Know • Appreciate • Conserve Nature in All Its Forms



Long-eared Owl at Owl Woods, Amherst Island on March 4. Photo submitted by Toby Rowland

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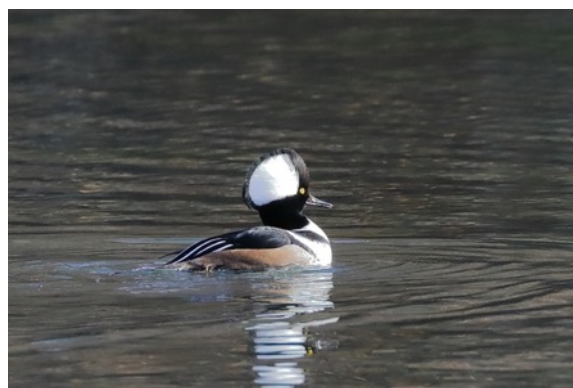
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Grey Jay with radio transmitter at Algonquin Park in October of 2017.  
Photo: Basil Conlin



Hooded Merganser. Photo: Greg Piasetski



Saw-whet Owl. Photo: Robert Pratten



Immature Snowy Owl at Cobourg Harbour, November 2017. Photo: Greg Piasetski

### Welcome new PFN members!

Rick Stankiewicz  
Kelsey Numan  
Anda Rungis  
Heather Shoemaker and juniors Kenna  
Shoemaker and Gracie Shoemaker  
Deb Mills  
Toby Rowland  
Rachel Gagnon

PFN Coming Events	
<p>Sundays, April 1 to May 27 8 to 11 a.m.</p>	<p><b>Sunday Morning Wildlife Walks</b></p> <p>Our regular Spring wildlife walks will commence on Sunday April 1 and continue until May 27. Unless otherwise advertised, walks will start at 8 a.m. and we will carpool from the parking lot of Peterborough Zoo on Water Street. Outings generally last about three hours. Bring some change to donate towards gas costs and bring binoculars if possible. In most cases, the leaders will confirm the destination on the day. Accessibility: Easy to Moderate.</p> <p>Apr. 1 Jerry Ball Apr. 8 Chris Risley Apr. 15 Martin Parker Apr. 22 Dave Milsom Apr. 29 Lynn Smith (see separate entry) May 6 Scott McKinlay (see separate entry) May 13 Sue Paradisis (1pm start – see separate entry) May 20 TBA May 27 Mike McMurtry</p>
<p>Wednesday, April 11 7:30 p.m. Camp Kawartha Environment Centre 2505 Pioneer Road</p>	<p><b>Monthly Meeting: Moose: Crowned Giant of the Northern Wilderness</b></p> <p>Our guest speaker, Mark Raycroft, is one of Canada's foremost wildlife photographers. A wildlife biologist by training, he specializes in North American icons: bears, deer, caribou, elk, big-horned sheep and moose, the epitome of all creatures wild and Canadian. Mark's images have appeared in numerous publications in Canada and internationally, including National Geographic, Canadian Geographic, Canadian Wildlife, and many more.</p> <p>The work collected in Mark Raycroft's latest book "Moose: Crowned Giant of the Northern Wilderness represents 25 years of photographic field work. It features the biology and natural history of the north wood's largest and majestic mammal. Mark will have copies of his book for sale at the meeting.</p>
<p>Saturday, April 14 7:30 p.m. at the Tim Horton's in Canadian Tire/Sobey's Plaza (Lansdowne St. West)</p>	<p><b>Kermit's Friends and Timber-doodles!</b></p> <p>The dusk air of the spring carries the mating songs of various species of frogs and the sky dance of the American Woodcock (a.k.a. Timber-doodle). Join Martin Parker for a two-hour outing to listen to and distinguish between the different species of calling frogs and toads of our region and listen to the courtship flights of the American Woodcock.</p> <p>We will meet in the parking lot at Tim Horton's in the Canadian Tire/Sobey's Plaza on Lansdowne Street west at 7:30 p.m. and then travel to Hooton Line through the Cavan Swamp. We will walk a section of this closed roadway. Please bring a flashlight.</p> <p>Accessibility: Easy, walking along a closed roadway.</p>
<p>Wednesday, April 25 Meet at 6:00 p.m. in the parking lot of Riverview Park &amp; Zoo</p>	<p><b>Night of Salamanders and Frogs</b></p> <p>This annual PFN evening trip is to look for migrating salamanders and their egg masses in breeding pools. This inventory event will be at the Ingleton-Wells property of the Kawartha Land Trust (KLT). The event will commence</p>

## PFN Coming Events

	<p>with the checking of pools for egg masses of Spotted and Blue-spotted salamanders. We will also listen out for frog species calling and hopefully a Barred Owl. This trip will be led jointly by Martin Parker, Sue Paradisis and Evan Thomas.</p> <p>This is an evening outing. After meeting, we will travel to the Ingleton-Wells property on the northwestern part of Stoney Lake. Wear clothes suitable to the weather forecast, and bring water-proof footwear, a head lamp or flashlight, and an evening snack or packed supper. It is anticipated that the group will return to the city around 11 p.m.</p> <p>Accessibility: Moderate, with walking around woodland ponds and returning in the dark.</p>
<p>Sunday, Apr 29</p> <p>8:00 a.m.</p> <p>Meet at Cavan car park</p>	<p><b>A Walk on the Oak Ridges Moraine</b></p> <p>Led by Lynn Smith, this outing will include car stops as well as a couple of strolls along back roads. Bring binoculars, a scope if you have one, snacks and water.</p> <p>Meet at the Cavan Carpark/Go Bus Stop: From Peterborough take Hwy 115 South and Exit at County Rd 10/Millbrook Cavan (Exit #38). Come to a stop sign. Go straight and the carpool lot is on your left, on Syer Line.</p> <p>Accessibility: easy/moderate. There are some fairly steep slopes in places.</p>
<p>Sunday, May 6</p> <p>8:00 a.m.</p> <p>Meet at Ultramar at Lansdowne St. W and Hwy 7</p>	<p><b>A Walk on the Hogsback Trail, an Esker near Omemee</b></p> <p>Join Scott McKinlay for a birding and nature hike along the Hogsback Trail, Omemee Esker. We will also be making a couple of stops along the way in the Cavan hills and swamps. The 2.5 km Hogsback trail is hilly and rocky in areas and can be muddy after a rainfall, so wear sturdy footwear.</p> <p>We will be leaving cars at both ends of the trail so please leave some empty seats in your car for ferrying people back to the start. Bring binoculars, weather-appropriate clothing, and bring a small donation for gas costs if you are not driving. We will be meeting at 8:00 a.m., WEST of Peterborough at the Ultramar at the intersection of Lansdowne St and Hwy 7.</p>
<p>Wednesday, May 9</p>	<p><b>PFN Monthly Meeting:</b> Guest Speaker TBA</p>
<p>Sunday, May 13</p> <p>1:00 p.m.</p> <p>Meet at carpool parking lot at Old Keene Rd and Hwy 7</p>	<p><b>Wildflower walk through Burnham Woods Old Growth Forest</b></p> <p>Mark S. Burnham is one of the only remaining old growth forests in our area. It is at its best in May when spring ephemeral flowers are blooming. Come for an afternoon stroll to discover the unique features of these special forests while appreciating the beauty of our spring wildflowers. Sue Paradisis will lead the outing.</p> <p>To avoid the \$3.00 parking fee, we will meet in the carpool parking lot west of the park at Old Keene Road and Highway 7 (north of highway across from Country Style). Bug spray may be needed. Accessibility: Moderate. Trail has some steep slopes</p>

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

Junior naturalist families are reminded to check the website for event listings and email [pfnjuniors@gmail.com](mailto:pfnjuniors@gmail.com) if you're not on the members distribution list for event announcements. Bookings can be made online at <https://peterboroughnature.org/junior/>

<p>Sunday, Apr. 15 2:00 - 3:30 pm Camp Kawartha Environment Centre</p>	<p><b>Astronomy for Kids!</b></p> <p>PFN families won't want to miss this special astronomy lesson for kids! Rick Stankiewicz of the Peterborough Astronomical Association will teach us about eclipses, the sun and the moon. Kids, bring your questions! Spaces are limited, so please book spaces for your family using the booking feature on the PFN webpage (<a href="https://peterboroughnature.org/junior/">peterboroughnature.org/junior</a>). PFN membership is required. Not a PFN member yet? This is a great time to join. Junior Naturalist memberships are \$10 per child per year.</p> <p>Updates and additional information regarding this event will be sent to registered participants.</p>
<p>Saturday, Apr. 28 7:30 - 8:30 pm Peterborough</p>	<p><b>Frog Calls</b></p> <p>Ribbit! Peep! How many frog calls do you recognize? Come out and learn about the species found in our local wetlands and how to identify their calls with PFN member Martin Parker. If you want to read up ahead of time and listen to some of the calls, check out FrogWatch, Adopt-a-Pond and the Ontario Reptile and Amphibian Atlas Program. Registration is not required but is encouraged in case email updates are needed (e.g., inclement weather).</p> <p>Location details to be confirmed, but it will be in Peterborough.</p>
<p>Saturday, May 5 10:30 am - 12:00 pm Silver Bean Cafe, Millennium Park</p>	<p><b>Tulip Dissection</b></p> <p>Ever wondered about the internal structures of plants and their functions? Tulips are great for learning about the parts of a plant because they clearly show their floral structure. Many thanks to PFN member Lauren Sisson, who will walk us through the steps. This activity will be held at the Silver Bean Event Room in Millennium Park (rain or shine). Enjoy a coffee by the river and a fun, hands-on biology lesson with your kids! PFN membership and registration is required. Please book spaces for your kids using the booking feature on the web page so we can bring enough supplies.</p>

### Other Events of Interest

<p>7 to 8 p.m. Fleming College Whetung Theatre</p>	<p><b>Peterborough County Stewardship 2018 Speaker Series</b></p> <p>April 12: Lisa Erdle on Microplastics in the Great Lakes May 17: Lesley Hale on Bats (Please see advertisement on page 17)</p>
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Other Events of Interest	
<p>April 13, 14, 15 (Friday to Sunday) Evinrude Centre, Peterborough</p>	<p><b>Peterborough Garden Show 2018</b></p> <p>Come welcome spring at one of Ontario's largest garden shows! The annual Peterborough Garden Show is sponsored by the Peterborough Horticultural Society and area Master Gardeners. The three-day event hosts many garden-related vendors, exhibitors, daily speakers, informative workshops, displays, arrangements, and advice.</p> <p>Proceeds from the show provide scholarships to Peterborough students studying horticulture as well as financial grants for community beautification projects. For more details check out <a href="http://www.peterboroughgardenshow.com">www.peterboroughgardenshow.com</a></p> <p>The Peterborough Field Naturalists will have a booth and display at the Garden Show.</p>
<p>Saturday, May 5</p>	<p><b>Global Big Day</b></p> <p>Global Big Day is birding's biggest day, uniting birdwatchers worldwide across political boundaries and language barriers, all brought together by our shared passion for birds. In 2017, 20,500 people from 162 countries took part. In 2018, will you join us?</p> <p>It's simple to contribute: go birding and then submit your data to eBird – how easy and fun is that? You don't need to do a full day of birding; even an hour or 10 minutes makes a real difference! Learn more on eBird.</p>
<p>Sunday, May 6 Goodwood Community Centre, Goodwood</p>	<p><b>Ontario Nature's Lake Ontario North Regional Meeting</b></p> <p>Ontario Nature, of which PFN is a member group, is inviting all who are interested to attend their spring regional meeting. This meeting will be hosted by the Oak Ridges Trails Association. More details to follow.</p>
<p>Saturday, May 5 and Sunday, May 6 Market Hall</p>	<p><b>Pollination Summit</b></p> <p>The Pollination Summit will be a weekend of discovery, storytelling, and connecting. Connect with one of the world's leading experts on bees and pollination; visit community stewarded urban beehives &amp; pollinator gardens; and engage with community members so that we can explore profound human questions on our role in ensuring a healthy pollinator community.</p> <p>There will be a presentation by special guest Mark Winston, author of <i>Bee Time: Lessons from the Hive</i> and internationally renowned pollination expert from Simon Fraser University. For more details, please visit <a href="http://www.peterboroughpollinators.com/events">www.peterboroughpollinators.com/events</a></p>
<p>Saturday, May 12 to Monday, May 21 Prince Edward Point National Wildlife Area 20 km SE of Picton</p>	<p><b>Spring Birding Festival at Prince Edward Point Bird Observatory</b></p> <p>Members of the Peterborough Field Naturalists are invited to visit Prince Edward Point Bird Observatory this spring for their Spring Birding Festival. There will be guided bird walks, birding trips with guest birders, a Big Week in the South Shore IBA, and banding demonstrations. Further details can be found here: <a href="http://www.peptbo.ca/sbf.php">www.peptbo.ca/sbf.php</a></p>

### Other Events of Interest

<p>May 25 to 27 Friday to Sunday South Bruce Peninsula</p>	<p><b>Bruce Peninsula Nature Weekend</b></p> <p>South Peel Naturalists' Club extends an invitation to join them to explore the Bruce Peninsula. This annual weekend event provides the opportunity to see the best of the Bruce with expert leaders and in the company of fellow naturalists.</p> <p>The cost per person for the weekend is \$20 registration fee to cover cost of bucket raffle prizes and lodging for volunteer leaders, plus \$236 (+ 13% taxes) for two nights' accommodation at Evergreen Resort (evergreenresortredbay.ca) near Red Bay (includes all meals and snacks). Book rooms in advance by calling 519-534-1868. To register for the weekend, send e-mail to mail@spnc.ca or contact Donna at 905-815-0933 or Audrey at 905-820-2571.</p>
<p>Sep 7-10 or Sep 24-28 or Sep 30-Oct 5 or Oct 9-12 Queen's University Biological Station</p>	<p><b>2018 Fabulous Fall Fungi Workshops</b></p> <p>Now in its 9<sup>th</sup> year, Fabulous Fall Fungi is a popular series of multi-day, hands-on workshops situated in a beautiful country setting where participants learn about fungal identification, ecology and natural history. Typically, 150-200+ species are identified per session.</p> <p>Suitable for all levels. Max 12 people per session. Meals &amp; accommodation included. Early registration is advised. Visit <a href="http://qubs.ca/events">qubs.ca/events</a> for further details.</p>

### Call for a Delegate to the 2018 Ontario Nature Youth Summit



Ontario Nature is hosting its 9<sup>th</sup> annual Youth Summit for Biodiversity and Environmental Leadership to bring together students aged 14 – 19 years from across the province for a weekend of nature exploration, environmental learning and fun outdoor activities.

For the past three years, the Peterborough Field Naturalists has sponsored a high school student for the Ontario Nature Youth Summit. The PFN plans to sponsor another for 2018. Participants meet a growing network of young environmental leaders with the opportunity to collaborate with like-minded thinkers.

We are looking for someone in high school, preferably grade 10 or 11, with a strong interest in the environment and protecting our natural heritage. If you know a student who would enjoy an opportunity to attend the Youth Summit, which is being held at YMCA Geneva Park in Orillia (weekend date in September TBA) please contact Ted Vale ([tedandmarion@sympatico.ca](mailto:tedandmarion@sympatico.ca) or 705-741-3641) or any other board member.

For more information, please visit: [www.ontarionature.org/connect/nature\\_guardians/youth\\_summit.php](http://www.ontarionature.org/connect/nature_guardians/youth_summit.php)

## Volunteer Corner: Peterborough Pulse

Saturday, July 21 from 10 a.m. to 4 p.m.

Peterborough Pulse is the city's largest Open Streets event. For one day, George Street becomes a car-free corridor where families can walk, bike, dance, play and socialize.

Along the road, booths from community organizations and businesses are set up to show off their wares. It's a family-oriented and family fun-filled day. Check out the website [www.ptbopulse.com](http://www.ptbopulse.com) and Facebook.

The Peterborough Field Naturalists has an opportunity to participate in this event with a booth and display. It's an opportunity to engage families young and old in the value of appreciating nature. We anticipate setting up a booth with activities and hands-on fun for kids.

**Volunteers will be needed that day!** Please consider helping out at the PFN booth on July 21!

Contact Lynn Smith at 705-944-5599 or [smithfam@nexicom.net](mailto:smithfam@nexicom.net).



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## President's Message

### 2018 Executive

The Board has chosen the Executive for 2018, as follows:

- President: Ted Vale
- Past President: Lynn Smith
- Vice-President: Dylan Radcliffe
- Secretary: Martin Parker
- Treasurer: Dave Heuft

This is the second year of my term in office, and hopefully I will be handing the baton to Dylan in 2019.

### Sound System

We have acquired a sound system for our meetings thanks to the generosity of George Maynard, a long-standing club member. We will be showing it off at the next members' meeting on April 19.

### Call for Inventory of Club Assets

We are carrying out an inventory of club assets. There is more than you might think, including two banners, a display board, a table, and some two-way radios, not to mention the club archives.

Dave Heuft has kindly agreed to maintain an inventory of the assets.

If, by chance, you are looking after anything on behalf of the Club, please let Dave know so he can add it to the list.

~Ted Vale

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## PFN Spring Sighting Contest Winners

### Submitted by Martin Parker

In the March issue of 'The Orchid', members of the PFN were challenged to report their first observations of two mammals which go into a deep hibernation for the winter months: the Eastern Chipmunk and the Woodchuck.

**Eastern Chipmunk:** The earliest Eastern Chipmunk observation this year was an individual observed on Feb. 15 by Marilyn Freeman in her yard. Kathryn Sheridan had her first Eastern Chipmunk on Feb. 19. Al and Margo Sippel reported that on February 26, at 12:30 p.m. an Eastern Chipmunk ran under their BBQ in their yard. Enid Mallory reported that their chipmunk emerged from its burrow on Feb. 28 and looked dazzled by the morning light. On March 1, an Eastern Chipmunk was observed eating seeds scattered for the birds in the yard of Kathy Parker.

**Woodchuck:** The first and only report of a Woodchuck was an individual observed by Cathy Douglas in the vicinity of Lock 19 (Lansdowne Street) in the City on March 13. The cold temperatures during the last half of March have appeared to have slowed the emergence of other Woodchucks.

A copy of the PFN publication 'The Mammals of Peterborough County' by Geoff Carpentier will be presented to Marilyn Freeman for the first Eastern Chipmunk and another copy will go to Cathy Douglas for the first sighting of a Woodchuck for this year.



Woodchuck on a snowy March 12. Photo: Cathy Douglas

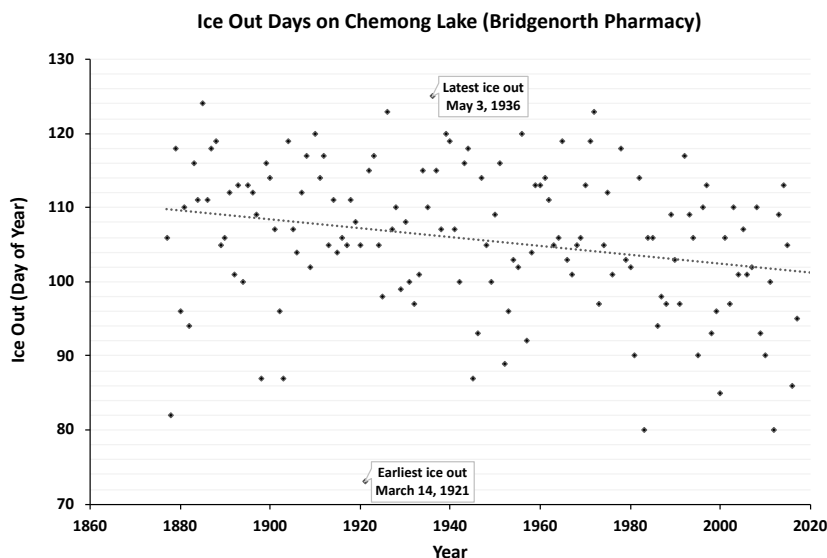
## Climate Change in the Kawarthas

### Submitted by Dylan Radcliffe

PFN member, Steve Kerr, kindly provided a table detailing the ice-out days on Chemong Lake as catalogued by the Bridgenorth Pharmacy since 1877. In 1877, the average ice-out day was April 20, the 110<sup>th</sup> day of the year. At the current moment, the average ice-out day is April 10, the 100<sup>th</sup> day of the year.

If you are interested in cataloguing ice-out days on nearby water bodies or have been cataloguing them, be sure to share your information with Nature Watch at [www.naturewatch.ca/icewatch](http://www.naturewatch.ca/icewatch).

Martin Parker adds: "The length of winter ice has been reduced by 10% on one end. I expect the same trend is happening the other end with a later date for ice over. If this was delayed a similar number of days, then winter is much shorter."



## Wetland Threatened by Approved Arena Complex at Trent University

Submitted by Debbie Jenkins

*At the March PFN club meeting, Trent University PhD student, Debbie Jenkins, gave a short presentation about recent development at Trent University. She talked about the encroachment of development on the Trent Nature Areas, the widening of Pioneer Road, the changing hydrology due to culverts not being replaced, the fragmentation of habitat, the introduction of invasive species, and other related items. Here is what she has to say:*

The developments are not small; instead they include an 85-acre industrial park – initially called the Trent Research and Innovation Park, but renamed to the Cleantech Commons. It is positioned in the center of campus, directly across the road from the Wildlife Sanctuary and adjacent to the Otonabee College Wetland Nature Area. Notably, this massive development will fragment the land with many roads, degrade and convert habitat to large scale developments, and invite traffic into an area that supports extensive wildlife, including 26 Species at Risk. Of course, Pioneer Road has been ‘reconstructed’ to support this development, cutting through the Drumlin Nature Area and stealing lands from the campus for the 2 to 3 lane highway. With additional lanes and multiple pedestrian corridors, Pioneer Road will likely act as a barrier to wildlife movement and increase wildlife mortality. Just last year, a fawn was killed during the construction phase – at a time when three does and their young were known to be using the area. As well, my colleagues and I run a Biological Monitoring Program and, during a fall Bioblitz, a number of dead frogs were identified along Pioneer Road - not surprising given that the road bisects numerous wetlands and streams.



White-tailed Deer at Trent Wildlife Sanctuary. Photo: Basil Conlin

Although the road expansion brings many issues, changes to the area’s hydrology is of major concern. It appears that two culverts were not replaced – culverts that previously joined the headwaters and northern wetlands to a wetland complex in the south. The result is that the Archaeology Centre Wetland, a nature reserve north of Pioneer Road, is now hydrologically isolated.

The wetlands downstream are also affected, and even worse is planned. The missing culverts are directly upstream of a newly approved arena development – at the corner of Pioneer Road and Nassau Mills Road. The plan is to build the facility, with over 500 parking spaces, within an area of unevaluated wetlands on Trent University's campus, adjacent to and within part of the Wildlife Sanctuary. The plan, which includes “infilling” part of the unevaluated wetland, has been approved by the Board of Governors at Trent University, and the Site Plan has been approved by the City of Peterborough – Trent’s development partner.

While it is not a legal requirement to assess wetlands for provincial significance, I and many others believe that Trent University and the City of Peterborough should step up and properly evaluate the wetlands (as previously recommended by the Ontario Ministry of Natural Resources and Forestry).

At Trent University, ‘Students for Responsible Development’, an informal group of graduate and undergraduate students, are highlighting the lack of attention to wetlands and wetland evaluation, the planned ‘infilling’ of wetlands, the degradation of Trent Nature Reserves and changes/reductions to their boundaries – but a number of other concerns as well.

For example, the arena development plan includes the construction of a ‘man-made wetland’ to compensate for infilling part of the natural wetland. This practice is known as *biodiversity offsetting*, and the scientific literature highlights the limitations of such projects, identifying that they rarely meet conservation objectives. Instead, biodiversity is generally lost and the function of ecosystems impaired.

In Ontario, there is no provincial policy support for biodiversity offsetting. This particular plan has the potential of impacting an extensive wetland complex, as construction is planned directly adjacent to the natural wetland system. Degradation of the natural system is a very real threat – with the introduction of invasive species a significant concern.

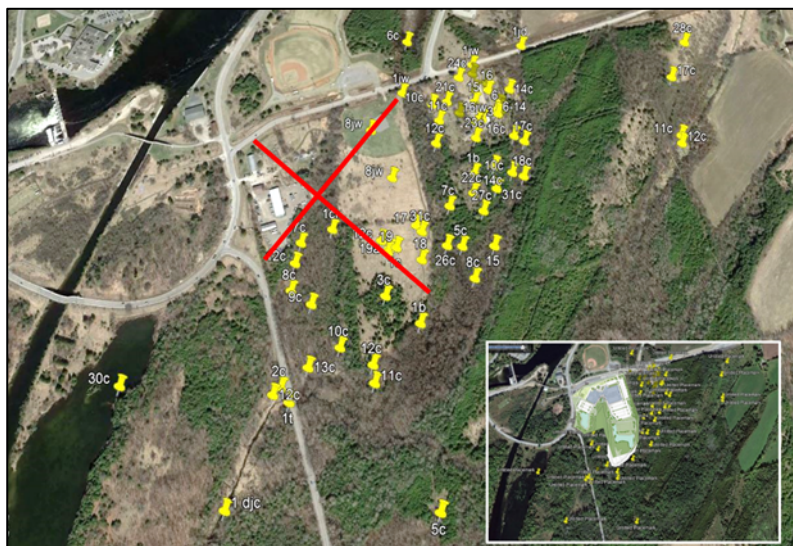
Notably, while the arena proposal will “replant trees”, it will degrade and replace existing natural ecosystems (i.e., forests, wetlands, and meadows) with an extensive development; have significant effects on the natural flow of surface and ground water; reduce wildlife connectivity; and degrade or diminish wildlife habitat. We believe that the approach being taken is unacceptable and environmentally irresponsible.

“Students for Responsible Development”

are calling for a full evaluation of the wetland and wetland complex, which extends across the site and well beyond its borders. As well, we hope to have the Site Plan Approval repealed – given the potential for significant impacts on the ecology of the area and the many wildlife species it supports.



Kids playing in the area to be impacted by development. Many children benefit from nature education and connection in the Trent Nature areas. Photo provided by Emily Stewart.



The red X is the site of the future arena at the corner of University Road and Pioneer Road. The yellow pins are the locations of wildlife observations we have collected so far. The area to the southwest of the X is the Trent University Wildlife Sanctuary Nature Area. Across University Road to the west are the Canal Nature Area Trails. The inset shows the arena development plan overlaid on the map.

At Trent University, natural areas provide habitat for many species; we have identified over 800 so far. But, even “protected” Nature Areas at Trent, including The Trent Wildlife Sanctuary, the Otonabee College Wetland Nature Area and the Archaeology Centre Wetland Nature Area, are being degraded and reduced. These areas support many wildlife species - including Species at Risk - but they also provide the community with an invaluable natural retreat. They support our mental and physical well-being and act as an outdoor classroom and sanctuary for children, students and families of all ages.

My colleagues and I will continue to monitor wildlife across the campus. If you would like to help with the Biodiversity Monitoring Program please contact me at [debbiejenkins@trentu.ca](mailto:debbiejenkins@trentu.ca).

*Editor's Note: Further information can be found on the Facebook page of Trent Students for Responsible Development*

## My Experience With The Canadian Lakes Loon Survey

Submitted by Don McLeod

The Common Loon is one of the most endearing and beautiful birds in Canada. Bird Studies Canada has been monitoring the Common Loon for several decades with concern about the overall decline in their population. The Canadian Lakes Loon Survey (CLLS) is a citizen science program where Loon lovers can lend a helping hand. During the spring and summer of 2017, I had my first experience with participating in the CLLS.

As stated on the CLLS web page, "Canadian Lakes Loon Survey participants have worked since 1981 to track Common Loon reproductive success by monitoring chick hatch and survival. Participants dedicate at least three dates, visiting their lake once in June (to see if loon pairs are on territory), once in July (to see if chicks hatch) and once in August (to see if chicks survive long enough to fledge)."

We have lived in a waterfront home on Chemong Lake for four years. During our first years living here we saw Common Loons regularly and observed the appearance of Loon chicks in the spring. My introduction to Bird Studies Canada through a membership in early 2017 was initially with an interest to participate in "Project Feederwatch". At some point, I was introduced also to the Canadian Lakes Loon Survey and I immediately signed up to get the kit. Both projects have kits that are mailed to participants which guide them through the process of collecting and submitting observation data.

I observed Common Loon nesting along lower Chemong Lake in a small bay isolated from the main lake by a road culvert. Small boats can navigate through the culvert but, in general, the boat traffic is light and most of the shoreline in the bay is undeveloped. A pair of Loons has established their territory in this small bay every spring from 2014 to 2017. It is possible that they had been here prior to 2014 but we were not here to observe them. The mated pair could be the same Loons returning each year. They have exhibited a unique behaviour of nesting in the protected bay, caring for the young chick for one to two weeks and then moving through the culvert to the main lake. There is usually a period of a few days when the family migrates back and forth through the culvert, followed by permanent residency in the main lake. For the rest of the summer, this mated pair and chick(s) remain in Lancaster Bay not far from the small bay and nest.

My first serious observations of Common Loons on our lake began in 2016 when a Loon nest was readily observed from the highway. I also observed the nest from my canoe, keeping a respectful distance back and using a super zoom camera to document the nest and adult. A few days later, the adult was no longer observed on the nest. Both adults could be seen on the small bay without a chick. Eventually the adults left the small bay and I felt comfortable making a close examination of the nest. There were egg shell fragments in the nest which suggests that the adult was actually incubating an egg. But something went wrong and I suspect predation of the egg.

I participated in the Canadian Lakes Loon Survey the next year by contributing my observations of Common Loon adults and chicks during 2017 on lower Chemong Lake. Some of the observations were done simply by looking out our lakeside windows. At times I would paddle my canoe into the nearby bay and make my observations. My good neighbour Brent was very helpful by providing a boat ride during windy days and for venturing farther into the lake.

In 2017, as with previous years, there was a mated pair which established a territory in the small bay south of the culvert. I did not find the nest this year. I first photographed the pair with one chick on June 10. I was able to observe them almost daily in the small bay and later in the main lake. My next photographs were on June 24 and, by that time, the family had permanently moved out into Lancaster Bay. Subsequent



Common Loon adults and chicks from lower Chemong Lake (photos by Don McLeod)

observations of this family took place on July 7, August 7 and September 10. During all of these visits, the family was observed in Lancaster Bay. On September 10, there was only one adult observed with the chick, which had by that time developed into a larger, well developed juvenile. Back on August 7, the chick had already reached the "large young" stage, which is deemed by CLLS as reproductive success.

During the boat ride on July 7, a complete survey of the entire south half of Chemong Lake turned up a second family of Common Loons, plus another eight adult Loons in singles or small groups. The most interesting was a group of three Loons which were in active display, perhaps practicing for future territorial battles. The second family was located on Bailey's Bay, lower Chemong Lake, about 1.5 km away from the first family. This second family consisted of a mated pair and two chicks. They were also observed on August 7, and the two chicks alone were observed on September 10. In all cases, they were observed strictly on Bailey's Bay. It was a relief to observe that these juveniles had also reached the "large young" stage, indicating reproductive success.

When the season was done, I had the choice of submitting data on sheets provided in the kit or using online data entry. Hoping it would reduce the time needed by Bird Studies Canada to transfer my hand-written data, I decided to try the online approach. The online approach worked okay but I did encounter a small problem with having to repeat data entry. In the end, I discovered that switching web browsers helped. One bonus is that staff at Bird Studies Canada were quick to reply to my emails for help.

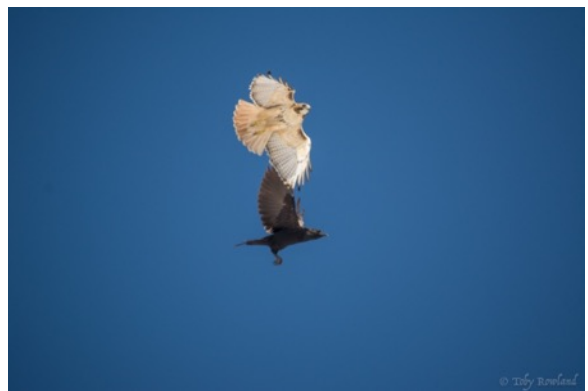
My first experience with the Canadian Lakes Loon Survey was a positive one. I intend on contributing to CLLS in 2018 and beyond. It will be interesting to see whether Loons return to the same nesting areas. I hope that the Chemong Lake Loons continue to have reproductive success. If you have been inspired to contribute your time to this program, please visit the following web page:  
<http://www.birdscanada.org/volunteer/clls/>

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## Hooters of Amherst Island

### Submitted by JB Jaboor

On Sunday, March 4, an enthusiastic group assembled at the Sobeys parking lot on Lansdowne West. By 7 a.m. our convoy had hit the highway, bound for a rendezvous with the 10 a.m. Amherst Island ferry. The group of 23 was made up of experienced leaders, returning enthusiasts and a good number of first timers. Expectations were high at the outset, and even a cutting wind could not temper the excitement. We were not long on the island when we were rewarded with a sighting of a Red-tailed Hawk - this one in particular, being subjected to an aggressive aerial attack from a Raven who had perhaps got out of the wrong side of the nest. Shortly thereafter we came upon a Horned Lark, spotted by Mathew Tobey. Even with the use of scopes, I suspect it would have been a challenging identification to a less experienced birder.



Aerial duel between Common Raven and Red-tailed Hawk. Photo: Toby Roland

There was a lot of road building going on across the island. As a result, we were fooled into believing we were heading to Owl Woods when we weren't. Nonetheless we benefitted from a sloshy but enjoyable walk before realizing our mistake and determining just where we should be headed. Having lost about an hour, we eventually came upon the correct trail not before discovering Snowy Owls sitting on the ice just off the south shore. There were some 8 in total and, again, if not for the generous sharing of available scopes, the experience would have been vastly diminished as these gorgeous creatures blended into the icy surrounds.

A short way down the road we discovered the pathway to Owl Woods where, before abandoning the cars, we polished off our lunches.

Owl Woods did not disappoint. At first there was not a lot to excite us other than a clearing in the trees, prepared by the Kingston Field Naturalists, where seed was available to hand-feed numerous Chickadees. Moving on we encountered a group on their way out who, on determining we were legitimate naturalists, offered to guide us to where we were able to meet our Long-eared Owl. What a magnificent animal it was, focusing on us with a penetrating stare and immensely long ears. It is quite probable that we may never have met this fellow if not for our encounter with local birders who were very helpful once they had confirmed our credentials. It appears that the local naturalists are very protective of these owls, no doubt for good reason. Shortly thereafter, and once again directed by the locals, we came across a number of Short-eared Owls on the edge of farmlands abutting Owl Woods. Reports suggested that there were as many as 12 of them in the area, although we saw slightly less than that.

From the writer's perspective the only negative of the day involved the abundance of the gigantic windmills forming the backdrop to almost every scene. Regardless of one's views on the need or effectiveness of these machines, it is hard to imagine that they are not having a damaging effect on local nature - airborne and otherwise.

Time had now come for us to think about heading to the ferry and starting our return journey. On the way back to the island port, there were sightings of a distant Bald Eagle in flight and a Snowy Owl sitting in a snow-covered field. Quite the way to finish off a day that resulted in a number of lifetime firsts.

Finally, it bears mentioning that carpooling and group travel present benefits, not least of which is the opportunity to meet and share experiences. Thanks go to Martin and Matthew who generously shared their time and knowledge, thus enriching the experience for we lesser mortals.

For the record, the species observed include:

Canada Goose 550; Mute Swan 2; Redhead 200; Greater Scaup 275; Long-tailed Duck 175; Bufflehead 20; Common Goldeneye 80; Red-breasted Merganser 25; Wild Turkey 3; Northern Harrier 1; Bald Eagle 2; Red-tailed Hawk 6; Rough-legged Hawk 12; Ring-billed Gull 1; Herring Gull 22; Rock Pigeon 4; Snowy Owl 14; Long-eared Owl 1; Short-eared Owl 6; Downy Woodpecker 1; Hairy Woodpecker 2; Blue Jay 5; American Crow 8; Common Raven 10; Horned Lark 8; Black-capped Chickadee 25; White-breasted Nuthatch 3; Brown Creeper 2; American Robin 10; Northern Mockingbird 1; European Starling 180; American Tree Sparrow 5; Dark-eyed Junco 3; Northern Cardinal 3; Red-winged Blackbird 7; Common Grackle 4; House Finch 1; American Goldfinch 1; House Sparrow 60

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## **"If We Build It, They May Come"**

**Submitted by Monica Fromberger**

Spring has sprung and soon our beloved migratory birds will be returning to breed, bringing not only the promise of new life but also their cheerful songs and wonderful colours for us to enjoy.

Purple Martin scouts (referring to the oldest individuals in the population, who migrate north as early as weather allows) are currently on their way back from their wintering grounds in South America to find or reclaim suitable sites for the coming breeding season. In eastern North America, Purple Martins almost exclusively nest in birdhouses we provide for them, and therefore rely heavily on us for places to raise their young. This has been a long-term relationship, as it is said that Native Americans hung empty gourds for Purple Martins, hoping to attract them to help keep insects away from their crops. Nowadays people build and manage large birdhouses for Martins and are endearingly known as "Purple Martin landlords".

A couple years ago I was introduced to these acrobatic aerial insectivores at a field ornithology course in Ottawa, where we learned, from Nature Ontario's Purple Martin Project, about their reliance on humans to

provide them with places to nest, and about the work researchers are conducting to track their migrations and wintering activities using little geolocators and GPS devices. We also learned that Purple Martins are experiencing sharp population declines and that the cause is unclear at this time. Possible factors include deforestation in the south, use of chemical pesticides up here, and declines in insect populations.

After learning that Martins require birdhouses to nest and that they need help, my grandfather and I decided we would build a Purple Martin house with the hopeful thought: “if we build it, they may come”. In the early spring of 2017, the beautiful 24-unit Purple Martin house my grandfather built went up close to Briar Hill Bird Sanctuary in Millbrook and can be seen along highway 21. It is equipped with a pulley system to rise and lower the house, European Starling-proof entrances, and bars on the top for perching. Unfortunately, we did not have any tenants last year so this year we bought the dawn song CD, which basically acts as an audible “for rent” sign to attract interested Martins, and are hopeful that we will have a colony of Purple Martins call our house a home this season.

If you are interested in building or buying a Martin house to become a Purple Martin landlord, please check out the links below for some more information and handy tips to help get you started.

**Nature Canada’s Purple Martin Project website:** Gives some great background information about the project and about Purple Martins, as well as ways you can get involved.

- <http://naturecanada.ca/what-we-do/bird-conservation/purple-martin-project/>

**Purple Martin Conservation Association website:** Provides excellent information about Purple Martins, current research, citizen science research, and great information to help you be a successful Purple Martin landlord.

- <https://www.purplemartin.org>

**Purple Martin Place website:** Provides some free Purple Martin house plans to download.

- <https://purplemartinplace.com/free-martin-house-plans-t-14.html#C5>



24-unit Purple Martin house built by my Grandfather. Photo by Monica Fromberger.



Purple Martin house observed during Field Ornithology Course in Ottawa, 2016. Photo by Monica Fromberger.

## Owl Be Seeing You At The Owl Woods

It's a long walk to the Owl Woods when cold winds blow,  
But to see owls in winter, is there a better place to go?  
Some are touched by a vision of Nature seldom viewed;  
Good photographs allow a few to create the thrill renewed.

Perched close to the trunk high in a tall jack pine,  
A Long-eared Owl roosts in what warm sunshine  
There is on this windy March fourth day  
Until a young, upstart birder gives him away.

With ear tufts erect to appear like a broken-off limb,  
He stretches to make himself look trim.  
Seen against the light he is almost a silhouette.  
He needs precious shut-eye to hunt after sunset.

The owl had taken refuge in the dense jack pine wood,  
Hidden from mobsters like hawks and ravens who could  
Deplete his energy by harassing him in frequent chases.  
If only he knew his watchers below wore happy faces!

Murray Arthur Palmer, 2018



Long-eared Owl on Amherst Island,  
Mar 4, 2018. Photo: Murray Palmer

## Muskellunge Management: Fifty Years of Cooperation among Anglers, Scientists and Fisheries Biologists

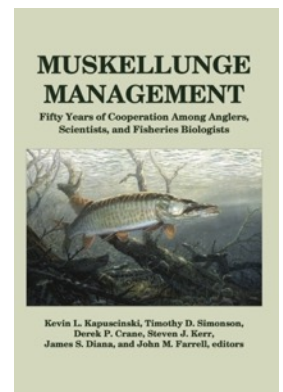
### Submitted by Martin Parker

An international muskellunge symposium, the Hugh C. Becker Memorial Muskie Symposium, was held in Minnetonka, Minnesota in 2016 from March 13 to 15. Symposium proceedings were recently published by the American Fisheries Society (AFS). The 675-page book includes 20 abstracts, 20 extended abstracts and 26 full articles. It represents the state-of-the-art in understanding muskellunge biology, ecology and management and is a must-have for anyone with an interest in muskellunge. PFN member, Steven J. Kerr, was a co-author and co-editor.

The proceedings consist of articles and abstracts under the following chapters:

- Fifty Years of Cooperation among Anglers, Scientists and Fisheries Biologists
- Muskellunge Biology, Ecology and Life History
- Muskellunge Habitat
- Muskellunge Population Dynamics
- Muskellunge Genetics
- Muskellunge Assessments
- Regional Management Approaches
- Muskellunge Stocking and Propagation

The book sells for \$79 for non-AFS members and may be ordered online at the following site:  
<https://fisheries.org/bookstore/all-titles/afs-symposia/54085c/>



### Peterborough County Stewardship Speaker Series (free event)

Fleming College Sutherland Campus  
(Peterborough) Whetung Theatre  
(Room B3100) from 7 to 8 p.m.



#### April 12: Lisa Erdle, Microplastics in the Great Lakes

Lisa is a PhD student in the Rochman Lab and researches the effects of microplastics on fish in the Great Lakes. Lisa's talk will focus on microfibers, one of the most common types of microplastics and their impacts on fish in the Great Lakes through physical and chemical processes.

#### May 17: Lesley Hale, Bats

Lesley Hale has worked at the MNRF in Peterborough for 10 years. Most of that time she worked in science where she coordinated and conducted research on bats across the province in relation to wind turbines and white-nose syndrome. She was involved in surveying the province for new bat hibernacula and summer roosting colonies. Lesley's talk will focus on the status of bats in Ontario.

For more information visit our website or register on Eventbrite [www.peterboroughcountystewardship.org](http://www.peterboroughcountystewardship.org)

### Your Opinion Is Needed

The City of Peterborough has released the Land Use and Transportation Surveys as part of the Official Plan Review. The surveys can be accessed on the project webpage ([www.peterborough.ca/planit](http://www.peterborough.ca/planit)) by clicking the associated images on the main page. Both surveys will remain open to the public until April 24, after which the results will be analyzed.

Help to determine the future development of Peterborough – participate in this online survey.

## Fabulous Fall Fungi

### WORKSHOPS 2018

INSTRUCTOR: RICHARD AARON  
PRESENTED BY: QUEEN'S UNIVERSITY BIOLOGICAL STATION

SESSION 1: **SEPTEMBER 24-28**  
SESSION 2: **SEPTEMBER 30-OCTOBER 5**  
SESSION 3: **OCTOBER 9-12**



- Now in its 9<sup>th</sup> year – suitable for all levels
- Small class size – max 12 per session
- Daily field trips
- See up to 200 species
- Choice of 3, 4 & 5-day workshops
- Includes all meals & accommodation

For further details and to register, go to <https://qubs.ca>

Illustration © 2017 Joyce Hul

## Peterborough Pollinators Summit

### Peterborough, Ontario May 5th & 6th 2018

The Pollination Summit is a two-day celebration of native plants and local pollinators, of community stewarded urban beehives, of pollinator gardens, of local makers and crafters, and of discovery, storytelling and connecting to nature and to each other.

Mark Winston, author of *Bee Time: Lessons from the Hive* and *Listening to the Bees*, will be a special guest at Peterborough's first pollination summit!

**Saturday, May 5th**  
Honey Fair, Book Signing & Mark Winston Presentation  
Market Hall: 7:00pm-10:00pm

**Sunday, May 6th**  
Pollinator Garden Tour  
Various Sites: 9:00am-10:30am

Taste some local honey @ the HONEY FAIR!

**Sunday, May 6th**  
Community Dialogues (with light refreshments)  
Lett Architects: noon-3:00pm

For more info, visit our website: [peterboroughpollinators.com](http://peterboroughpollinators.com)

THANKS to our sponsors:



## From the Archives: Lakefield Marsh Viewing Tower

Submitted by Martin Parker

From 'The Orchid', Vol. 45, no. 5, June 1999

Lakefield Marsh Viewing Tower Dedicated to Doug Sadler on May 1, 1999

Chris Risley gave the speech at the dedication ceremony honouring Doug Sadler at the Imagine the Marsh Viewing Tower on May 1. After the speech, additional remarks were made by Kate Ramsey, Peter Adams and finally a thank you by Doug. If you haven't seen the tower or the view from the top, do stop by.

Here is how you get there. Go north of Cty. Road 9 (Lakefield Highway) from Peterborough to Lakefield, past the High School (now public school) and at the traffic light turn left onto Clementi Street. (This is before the bridge). Turn right on D'Eyncourt, go past Kingdon Lumber and park by the ball diamond. The tower is between Kingdon Lumber and the ball diamond. The lane to the tower is to the west of the parking lot.

Extracts from Chris Risely's speech (Chris was at that time the President of the PFN):

*"Two years ago, the PFN honoured Doug Sadler on the occasion of his 2,000<sup>th</sup> newspaper column. At that event, we announced a fitting tribute to him that we would contribute to the construction of a wildlife viewing tower at Lakefield Marsh... We (PFN) wished to leave a symbol that represented our appreciation to you Doug."*

Doug Sadler was one of the leading naturalists with the PFN from the 1950s to the 2000s.

Plan to take a trip to the Doug Sadler Tower this spring and take in the elevated view of the Lakefield Marsh with its abundance of birdlife.

PFN Board of Directors				Other Volunteers	
President	Ted Vale	tedandmarion@sympatico.ca	741-3641	Membership Secretary	Jim Young 760-9397
Vice President & Co-webmaster	Dylan Radcliffe	dylan.radcliffe@gmail.com	991-0422	Orchid Editor	Kathryn Sheridan orchid@peterboroughnature.org
Past President & Community Partners Liaison	Lynn Smith	smithfam@nexicom.net	944-5599	Orchid Mailing	Mary Thomas
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Treasurer	Dave Heuft	dave.heuft@gmail.com	743-6164	Ecology Park Feeders	JB Jaboor, Kathryn Sheridan
Meeting Coordinator	Phil Shaw	pshaw78@hotmail.com	874-1688	Orchid Diary, Citizen Science Projects	Martin Parker
Meeting Coordinator	Marie Duchesneau	duchesneau13@hotmail.com	874-5739	Advocacy Committee	Jim Cashmore, Jim Young, Marilyn Hubley, Martin Parker, Ted Vale, Sue Paradisis
Outings Coordinator	Paul Elliott	pauelliott@trentu.ca	740-0501	Harper Park Stewardship	Dylan Radcliffe, Lynn Smith, Rene Gareau, Marilyn Hubley, Ted Vale
Digital Comms Co-coordinator	Marilyn Hubley	maykeema@hotmail.com	760-9378	Webmaster	Chris Gooderham webmaster@peterboroughnature.org
Special Projects	Rene Gareau	rene.gareau@sympatico.ca	741-4560	Peterborough CBC	Martin Parker
Assistant Treasurer	Sue Paradisis	sueparadisis@hotmail.com	741-1336	Petroglyphs CBC	Colin Jones
Ontario Nature Representative	Lesley Hale	lesley.hale@ontario.ca	917-0373	Peterborough Butterfly Count	Jerry Ball
Peterborough Field Naturalists, P.O. Box 1532, Peterborough, Ontario, K9J 7H7					



## The Orchid Diary



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

Please submit your interesting observations to Martin Parker at mparker19@cogeco.ca or phone 745-4750.

Weather	The weather during this period was slightly colder than normal. The snow of winter disappeared but was replaced with a snow storm in the middle of March. Cold nights and north winds slowed the migration.
Feb. 24	Last report for the pair of <b>Ring-necked Ducks</b> at Auburn Reach Park by Scott McKinlay.
Feb. 25	Michel Gillespie had an <b>Eastern Bluebird</b> on David Fife Road.
Feb. 26	A <b>Cackling Goose</b> was reported by Andrew Collard in Douro-Dummer Township.
Feb. 26	JB Jaboor reported <b>Red-winged Blackbirds</b> arrived at his feeders in Otonabee/Monaghan Township. Iain Rayner & Warren Dunlop had six <b>Cackling Geese</b> in the Edgewater Blvd area of Little Lake. They were feeding on the grass with <b>Canada Geese</b> . Luke Berg located 5 <b>Tundra Swans</b> on the Mather's Corner meltwater pond. Jerry Ball had 15 <b>Tundra Swans</b> at the same location. <b>Tundra Swans</b> were seen by multiple observers until March 11.
Feb. 27	15 <b>Tundra Swans</b> were on the Mather's Corner meltwater pond by Matthew Gavin.
Feb. 28	Iain Rayner found an early <b>Gadwall</b> on Little Lake Daniel Williams had 5 <b>Northern Pintail</b> in the Beavermead Park area. Continuing observations of the <b>Red-breasted Mergansers</b> in the Little Lake area by multiple observers until March 3. Jerry Ball had 14 <b>Northern Pintails</b> along with 5 <b>Tundra Swans</b> , 32 <b>Mallards</b> & 1 <b>Ring-necked Duck</b> in the Mather's Corners Pond.
Snowy Owl	Commencing Feb. 27, there are numerous reports of <b>Snowy Owl</b> from various locations in the region: Feb. 27 on Neal Drive by Elizabeth Pearce; Feb. 28 along Hwy 155 near Ashburnan Road by Erica Barkley and Mike W.E. Burrell; March 10 at Birdsall Wharf by Chris Risley, Erica Nol & Donald Sutherland; March 14 near intersection of Bensfort Road and Cty Road 2.
Northern Saw-whet Owl	Reports of this small owl continued through the period with calling <b>Northern Saw-whet Owls</b> from a residence on 8 <sup>th</sup> Line of Douro (Mike V.E. Burrell); near Havelock (Donald Sutherland); ORCA Regional Forest in Douro-Dummer Twp. (Donald Sutherland); Anchor Bay Road (Iain Rayner); and Bear Creek Road near Gannon's Narrows (Iain Rayner)
Feb. 28	Iain Rayner & Matthew Gavin had a <b>Gadwall</b> on Little Lake which was seen by others.
Mar. 1	Dylan Radcliff heard the first <b>Spring Peeper</b> of the year calling in Jackson Park. Matthew Tobey had 45 <b>Redheads</b> on the Trent River at the Birdsall Line.
Mar. 2	3 <b>Redheads</b> were present on Pigeon Lake off Fothergill Island Causeway by Iain Rayner.
Mar. 3	A <b>Gadwall</b> was found by Donald Sutherland on the Trent River at Asphodel 5 <sup>th</sup> Line. First report of the year of a <b>Turkey Vulture</b> over his yard in the southwestern part of the City by Matthey Tobey. Several observations by next day by other observers. Luke Berg observed an <b>American Woodcock</b> flying over his yard in the City.
Mar. 4	A <b>Snow Goose</b> was on the Mather's Corners meltwater pond, initially reported by Linda Sunderland and seen by at least nine other observers that day. Matthew Garvin had a <b>Cackling Goose</b> in the area of Little Lake. <b>Tundra Swans</b> continued to be seen at the Mather's Corners Meltwater Pond with up to 21 individuals being observed on that date. Luke Berg had an early <b>Brown-headed Cowbird</b> on 2 <sup>nd</sup> Line of Otonabee-South Monaghan Twp.
Mar. 6	According to Jerry Ball, the Mather's Corner Meltwater pond froze over.

Mar. 7	Marilyn Hubley found a dead <b>Big Brown Bat</b> in Bobcaygeon.
Mar. 8	Ted Vale reported that a big smell was present in his neighbourhood --- a <b>Striped Skunk</b> had emerged from hibernation On the PFN tracking outing with Don McLeod the participants found tracks of 12 mammals including <b>Fisher</b> and <b>Long-tailed Weasel</b> .
Mar. 10	Donald Sutherland had 2 <b>Cackling Geese</b> at Birdsall Wharf. Matthew Tobey & King Baker spotted a male <b>Yellow-headed Blackbird</b> in the mixed flock of <b>European Starlings</b> and <b>Red-winged Blackbirds</b> near the intersection of Hwy 28 & Warsaw Rd.
Mar. 11	Janet Kelly & Warren Dunlop had 2 <b>Redheads</b> and 2 <b>Sandhill Cranes</b> on Humphries Line. Jerry Ball and participants of the PFN outing to Presqu'île found 14 species of waterfowl there including 1 <b>Harlequin Duck</b> .
Mar. 12	Colin Jones had 2 <b>Cackling Geese</b> in the Edgewater Drive area.
Mar. 13	Cathy Douglas observed the first <b>Groundhog</b> of the year in the area of Lock 19. A pair of <b>Trumpeter Swans</b> arrived on the vicinity of Kawartha Hiway. J. Philpott noted they arrived honking in a snow storm.
Mar. 14	Lynn Smith reported that an <b>Opossum</b> was found dead on the road near her residence. JB Jaboor found a <b>Snowy Owl</b> near the intersection of River Road and Steward Hall Road. An <b>Eastern Bluebird</b> was found along Division Road by an anonymous birder.
Mar. 15	Another <b>Snowy Owl</b> was spotted in the area of Hwy 7 at the Indian River by Tim Haan. There appears to be a northern movement through the area.
Mar. 17	Peter Hogenbirk had the first-of-the-year reported <b>Evening Grosbeak</b> at Petroglyphs Prov. Park. Was once an abundant winter bird.
Mar. 19	Sean Smith & Martin Parker had 4 <b>Red-tailed Hawks</b> on the eastern side of the Peterborough Airport. Now migrating through the region.
Mar. 21	Daniel Williams had the first-of-year <b>Great Blue Heron</b> at Beavermead Park.
Mar. 22	Jerry Ball had a pair of <b>Red Crossbills</b> along Sandy Lake Road, off Hwy 46. Meredith Clark reported the presence of two fish (unidentified) in the ditch along Rye Road.
Mar. 26	On the PFN outing to the eastern end of Rice Lake, led by Martin Parker: 3 <b>Snowy Owls</b> were on the ice off The Stations Restaurant, Hiawatha; <b>Turkey Vultures</b> at several locations; all three mergansers ( <b>Hooded</b> , <b>Common</b> and 1 <b>Red-breasted</b> ) at various locations; plus two <b>Great Blue Herons</b>
Upcoming	April will bring warmer temperatures with many more migrants and the first butterflies of the year.
eBird	As of March 23, a total of 96 species of birds have been confirmed as having been seen in Peterborough County so far this year. This number should reach 200 by the end of May. The great northern migration in underway.

Orchid submissions are encouraged!

The submission deadline for the next issue is **Friday, April 20**.

Send submissions to Kathryn Sheridan via email: [orchid@peterboroughnature.org](mailto:orchid@peterboroughnature.org)

or post mail to: PFN, PO Box 1532, Peterborough ON K9J 7H7





# 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
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### 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: \_\_\_\_\_