

The

Orchid



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Know • Appreciate • Conserve Nature in All its Forms



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Common Milkweed

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*Virginia Opossum ~ Photo submitted by Mary Beth Aspinall and Bryan Whitfield
~ Peterborough, late winter 2014*

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*First Year Bald Eagle ~ Photo submitted by Dave Milsom
~ Barcovan Bay, Presqu'ile, March 23*



*Eastern Grey Squirrels, Black Phase
~ Photo submitted by Martin Parker ~ January 16*



*Canada Geese ~ Photo submitted by Dave Milsom
~ Off Cranberry Marsh, March 26*

Welcome New Members!

Fred and Maggie Bakker

Coming Events

<p>Sunday Mornings April 6 to May 25</p> <p>Spring Wildlife Walks</p> <p>8:00 a.m.</p> <p>Ptbo Zoo North Parking Lot</p>	<p>Spring Wildlife Walks</p> <p>Our popular Spring wildlife walks will commence on Sunday April 6th and continue until May 25th, unless otherwise advertised. Most walks will start at 8:00 am and we will normally carpool from the Peterborough Zoo parking lot 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.</p> <p>Leaders:</p> <p>6 April – Jerry Ball 13 April – Erica Nol 20 April - Tony Bigg 27 April – Martin Parker 4 May – Drew Monkman 11 May – Martin Parker 18 May – Jerry Ball 25 May – Tony Bigg</p>
<p>Thursday April 10</p> <p>7:30 p.m.</p> <p>Ptbo Library</p>	<p>Monthly Meeting : Koalas, Kangaroos and Kookaburras: Adventures in the South East of Australia</p> <p>Paul Elliott shares stories of wildlife encounters while exploring the Dandenong Ranges and the coast of Victoria and New South Wales during a trip to Australia in 2013. From walks among the world's tallest flowering plants and close-up encounters with colourful bird life to a heart-stopping moment in the shower, the native species of Australia never fail to impress.</p> <p>**Note the change to Thursday night due to another booking at Library**</p>



*Cackling Geese, off
Cranberry Marsh*

*~ Photo submitted
by Dave Milsom*

~ March 2014

Coming Events continued

<p>Saturday April 26</p> <p>8:00 p.m.</p> <p>Ptbo Zoo North Parking Lot</p>	<p>Frogs Sing and Woodcocks Dance</p> <p>Join Martin Parker in this evening outing to listen to the spring chorus of frogs and watch the dance of courting woodcocks. The frog chorus will be dominated by Spring Peepers. We will also be listening for Chorus Frogs, Northern Leopard Frogs, and Wood Frogs. The American Woodcock has an elaborate courtship display which consists of a distinctive call made while on the ground, followed by the spiral flight into the sky and then a fluttering flight back to the ground.</p> <p>The outing will start at 8:00 p.m. and finish by 10.00p.m.</p>
<p>Wednesday May 14</p> <p>7:30 p.m.</p> <p>Ptbo Library</p>	<p>Monthly Meeting: Understanding the Eastern Wolf</p> <p>The talk will focus on the relationship among wolves and coyotes in North America and examine the future of wolf conservation in Ontario.</p> <p>Linda Rutledge received her PhD in Environmental and Life Sciences at Trent University, where she is currently a researcher and lecturer in the Biology department. Linda leads the Eastern Wolf Survey: a research project that uses noninvasive sampling methods to survey persistence and dispersal of eastern wolves in southern Ontario's Provincial Parks, including Frontenac, Bon Echo, and Kawartha Highlands, among others. Find out more at www.easternwolfsurvey.ca or follow the research project on Twitter @EastWolfSurvey.</p>
<p>Sunday June 1</p> <p>7:30 a.m.</p> <p>Sobey's Parking Lot, Lansdowne Street West</p>	<p>Carden Plain Important Bird Area (IBA)</p> <p>An all-day visit to the Carden Plain, an unusual alvar habitat that is home to an abundance of rare grassland bird species, butterflies and plants. Jerry Ball will guide us through this globally rare habitat is only 65km from Peterborough. The trip offers the chance of seeing such birds as the Loggerhead Shrike, Golden-wing Warbler, Osprey, Black Terns, Sedge Wren, Yellow Rail, Upland Sandpiper, Blue Bird, Eastern Towhee and Brown Thrasher. Bring some lunch, water and binoculars.</p>

Coming Events continued

<p>Wednesday June 11</p> <p>7:30 p.m.</p> <p>Ptbo Library</p>	<p>Monthly Meeting: An Introduction to the Native and Wild Bees of Ontario</p> <p>This presentation will give an overview of the native bees found in Ontario, their natural history and interesting habits, and will give tips on identifying several types of bees and other insects that mimic bees, using photographs and drawings. Helpful resources for learning how to identify bees will also be presented.</p> <p>Susan Chan is an advocate for native pollinators and is the author of A Landowner's Guide to Conserving Native Pollinators in Ontario. She has an academic background in agriculture (McGill University) and education (U.W.O.), including a Master of Science degree in pollination biology from Guelph University. Susan is manager of the Native Pollinators Program at Farms at Work and the Rusty-patched Bumble Bee Project. She is an active gardener, beekeeper, and lover of local food.</p>
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PFN Junior Field Naturalists (ages 5-12)

<p>Sunday April 27</p> <p>1:30 p.m.</p>	<p>This day will be part of the overall "7 Days of Green" event hosted by Camp Kawartha at the Environment Centre at Trent University. We will look to welcoming spring (with open arms!) with crafts, games and hiking.</p> <p>See everyone soon. ~Neil.</p>
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*Great Egret
~ Otonabee
River north of
Nassau Mills
Bridge, March
28
~ Photo
submitted by
Walter Wehtje*



Other Events of Interest

Friday, Saturday, Sunday April 11 to 13 Evinrude Centre, Peterborough	Peterborough Garden Show Our PFN club will have a booth at the Peterborough Garden Show during the weekend of April 11th, 12th and 13th at the Evinrude Centre. Be sure to drop by and say hello as you welcome the arrival of spring at one of the largest garden shows in Ontario. The PFN booth will have friendly faces as well as lots of information about our club including brochures, pamphlets and pictures.
Saturday May 3 9:00 am to 11:00 am Jackson Park Playground, top of Monaghan Road	Jane's Walk: The Treasured Trees & Old Growth Forest of Jackson Park What makes a heritage tree? How old is old growth? Join urban forest ecologist, Chris Gooderham, on a tour of Peterborough's greatest stand of white pine, maple, cedar, and hemlock. We'll walk through the oldest grove of trees in the heart of Jackson Park, and examine soil conditions, typography and ecosite transitions along the way. We'll also explore the proposed path of the parkway bridge through the Jackson Creek valley. Let's get out and enjoy it while it lasts. Walk will be approximately 1.5hrs duration on uneven ground and on hiking trails, making several stops.
Saturday May 10 10:00 am to 3:00 pm Markham Civic Centre	Native Plant Sale – Markham, ON The North American Native Plant Society is holding its annual sale of wildflowers, ferns, grasses and sedges, as well as trees and shrubs. Our sale showcases hundreds of native species and introduces thousands of native plants into GTA gardens. See our displays and chat with knowledgeable experts to help you make the right choices for your planting project. All plants come from ethical growers and are locally sourced. Visit www.nanps.org to see the plant list. For more info email info@nanps.org . Location: Markham Civic Centre, 101 Town Centre Blvd, Markham (Warden & Hwy 7).



2014 'PLANTING OUR FRUITURE' TREE WORKSHOPS

For more information or to register, contact:

Marcy Adzich (705) 745-3238 ext 212 \ workshops@greenup.on.ca greenup.on.ca

HOW TO PROPAGATE FRUIT TREES

DATE: Saturday, April 26 TIME: 1:00 – 3:30 pm COST: \$10

LOCATION: GreenUP Meeting Room, 378 Aylmer Street North, Peterborough

There are many different ways to grow fruit trees- not just by planting a seed! This workshop will cover various methods of propagation to grow strong trees and productive orchards. Please bring a sharp exacto knife to practice some grafting techniques.

PFN Officers and Directors

President	Martin Parker	mparker19@cogeco.ca	745-4750
Vice President	Gina Varrin	gina.varrin@gmail.com	761-7787
Secretary	Kelly Boadway	kjboadway@gmail.com	775-0756
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Membership	Jim Young	jbyoung@persona.ca	292-5444
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Program (outdoor)	Paul Elliott	pauelliott@trentu.ca	740-0501
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Webmaster	Chris Gooderham	webmaster@peterboroughnature.org	740-2081
FON Rep	Ted Vale	tedandmarion@sympatico.ca	741-3641
Special Projects	Lynn Smith	smithfam@nexicom.net	944-5599

Other Volunteers

Ecology Park Feeders	Sean Smith & Don Finigan	745-4750
Orchid Diary	Tony Bigg	652-7541
Orchid Mailout	Michelle and Emily Young	
Orchid Editor	Marla Williams	874-5653
Jr. Naturalists	Neil Fortin	292-6185
Miller Creek Management Area	Jim Cashmore & Jim Young	
Ad-hoc on Lily Lake Planning	Jim Cashmore, Jim Young, Lynn Smith, Martin Parker	
Local Planning Committees	Jim Cashmore	



ORCHID SUBMISSIONS WANTED

Deadline for submissions for the April 2014 issue: **Friday, April 25**

Send submissions to Marla Williams via email: orchid@peterboroughnature.org
or post mail to: **PFN, PO Box 1532, Peterborough ON K9J 7H7**

Virginia Opossum Visitors

**Article and Photos Submitted by
Mary Beth Aspinall and Bryan Whitfield**

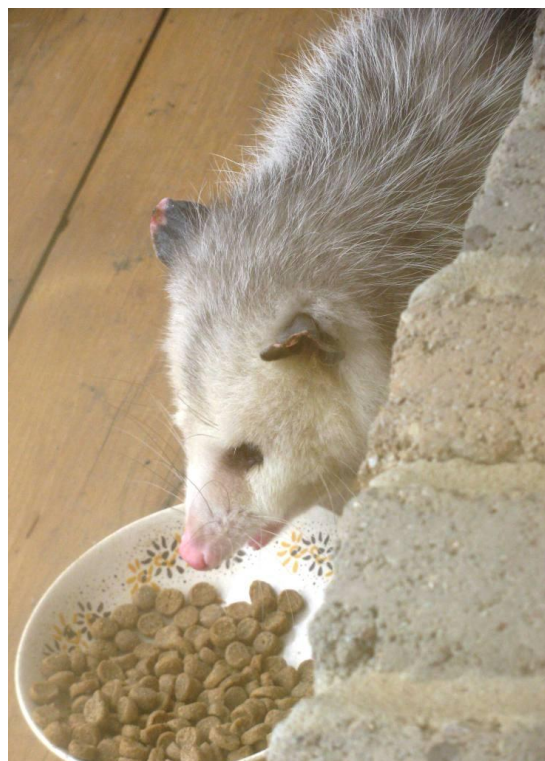
On January 13, Mary Beth noticed something go past the kitchen window at our residence on Johnston Drive in the south west corner of Peterborough. Thinking it was the little wild cat she had been feeding this winter, to her amazement it was a Virginia Opossum instead. After watching him putter around the property for a while (including climbing swiftly up a pine tree), Mary Beth later checked the spot where the food bowl for the cat was and found instead another opossum (she was much smaller), snacking on cat food!

Our own cat, an indoor cat, had also spotted her and was keeping an intensely interested watch almost nose to nose to her from inside the window. The opossum seemed unperturbed by the cat's close presence!



We did not see any more of the pair until February 22. We feared that they had perished in this cold weather. On February 22 the male reappeared again under the south facing kitchen window, sunning himself in the shelter of a little bower of garden vegetation. We are still hoping the other, smaller animal has managed to survive. One of her ears was damaged and may have been frostbitten. Mary Beth had seen a Virginia Opossum about three years ago near our house at night from her car headlights.

On March 7 we spotted the smaller Virginia Opossum again after not seeing her for weeks. She was at the food dish where we saw her last time. We got pictures of both of the Virginia Opossums and will keep the PFN posted.



Status of Virginia Opossum in Peterborough County and Ontario

Submitted by Martin Parker

The presence of Virginia Opossum was first recorded in the County of Peterborough in 1988 when two different observations were documented (Lane, 1989). The initial observation was on April 4 when one individual was observed by Philip Spearman crossing Hunter Street. Bob Spearman and Dave Addyman then observed one in mid-May on Maitland Street. Since that date there have been periodic observations in the County.

The presence of Virginia Opossum in the Province has been spotty. The oldest specimen at the Royal Ontario Museum dated from 1892 in Kent County. In a 1927 report on Ontario Mammals Cross and Dymond (1927) stated that this species formerly occurred sparingly along the north shore of Lake Erie; however none had been reported for many years. The Mammals of Eastern Canada (Peterson, 1966) states

this species has invaded southern Ontario on at least four occasions: about 1850-60, 1990-1910, 1930-35 and 1947-66. The Handbook of Canadian Mammals, Vol. 1 (de Jong, 1983) noted that in Ontario most records are from a broad band along the north shore of Lake Erie and along the north shore of the St. Lawrence River. These occurrences were the result of successive invasions from the states of New York and Michigan. Duncan (1984) documented the increasing abundance of Virginia Opossum in the Niagara Region commencing in the early 1980s. He speculated that this species would be spreading across southwest Ontario.

In the late 1980s the Virginia Opossum was the most common road-killed mammal in the Haldimand-Norfolk region (personal comments). The Atlas of the Mammals of Ontario (Dobbyn, 1994) documented that this species was widely distributed throughout southwestern Ontario between Windsor and the Niagara River and northwards to the Waterloo and Guelph area. There were scattered records north from there. There were several records in the Kingston and Bay of Quinte area.

The Mammals of Peterborough County (Carpentier, 1987) does not include the Virginia Opossum as occurring in Peterborough County. The first observations were in 1988 as noted above.

The Orchid Diary in the January/February 2014 issue of 'The Orchid' reported that two Virginia Opossums were observed in Ennismore by Mary-Lou Murphy. This issue of the Orchid has photos and report on the presence of two Virginia Opossums in the south end of Peterborough in January and February 2014 by Mary-Beth Aspinall and Bryan Whitfield.

Additional reports of the Virginia Opossum would be appreciated. Please submit to Martin Parker at mparker19@cogeco.ca.

References:

- Carpentier, Geoff, 1987. The Mammals of Peterborough County. Peterborough Field Naturalists' Orchid Press
- Cross, E.C. and Dymond, J.R. 1929. The Mammals of Ontario. Royal Ontario Museum of Zoology, Handbook No. 1
- Dobbyn, Jon (Sandy). 1994. Atlas of the Mammals of Ontario, Federation of Ontario Naturalists
- Duncan, Bruce W. 1984. The Ontario Field Biologist, Vol. 38.
- Lane, Jennifer M. 1999. Summary of Peterborough County Mammals, in 1998 Peterborough County Natural History Summary, compiled by Peter S. Burke et al. Peterborough Field Naturalists, Natural Heritage Information Centre and Trent University
- Peterson, Randolph L. 1966. The Mammals of Eastern Canada. Oxford University Press
- van Jong, C.G. van Zyll, 1983. Handbook of Canadian Mammals 1: Marsupials and Insectivores. National Museums of Canada



Greater Scaup

~ Photo submitted by Martin Parker

~ Presqu'île Provincial Park, March 23, 2014

Spring Birds

Submitted by June Hitchcox, Courtesy of the *Apsley Voice*

A very cold, snowy winter but I can remember some very cold ones in North Bay and Apsley such as outdoor rinks continuing into March; not able to use our Jack Lake hot tub beyond -35 degrees F because our heads would ice over; our Apsley cottage road piled so high on both sides with snow that another ploughing could not be done. Then suddenly it all began to melt.

This is being written in early March so by the time it comes out in April, it should be warm enough for the early birds to start arriving. I saw an American Robin 2 weeks ago in Oakville/Bronte but it must have decided to stay all winter. It looked fine – surviving on the bumper berry crops of last year – mountain ash, buckthorn, etc.

The ice in our area must be hard on the mice who like to travel for protection, under the snow. Perhaps they have found another safe way to get around, and, if so, that makes it difficult for the birds of prey. We saw a very thin Coyote in an Etobicoke park on Lake Ontario last weekend, sitting on a boulder then pouncing to the ground – probably after a mouse but we don't think that he caught it.

April brings back those Killdeers, Red-winged Blackbirds, Brown-headed Cowbirds, American Robins, House Finches, Northern Cardinals, Turkey Vultures and others that migrated to warmer places for the winter and of course, lots of waterbirds as the lakes open up. Some will stay; others will move farther north, all singing their spring songs to attract a mate as they look for good nesting spots. It's time to make your spring bird lists: Bird species and when seen to compare 2014 with past years. There might be some surprises due to the winter weather that we have experienced!



*Lunch at Bill Gilmour's Bird-Friendly Property, Waterfowl at Presqu'île Provincial Park PFN Outing,
March 23 ~ Photo submitted by Martin Parker*

From the Archives: PFN Bird Feeder Trail, 1996

From diary prepared by Jim Cashmore

November 24, 1996

- Set up 3 feeder stations on 4x4 posts
- 2 have large open feeders made by Len L.
- 1 has 3 small plastic feeders + 1 suet feeder hanging from a cross tee
- Some seed (donated by Chris R.) put in

November 27

- Purchased seed from Paulmacs
 - o 50 lbs black sunflower seeds 15.99
 - o 18 kg mixed seed (lots of sunflowers) 12.99
 - o Small nyger seed 4.99
 - o Dissellfink feeder 9.99

November 27

- One large feeder nearly empty
- Both large feeders have 1 resident squirrel
- Loaded with seed
- 4 chickadees approached
- 1 W-b Nuthatch nearby
- Chris R. heard a goldfinch

November 30

- Several squirrels around feeders
- 4 chickadees about, 2 goldfinches at dist. feeder! Chris and I make decision to move feeders away from trees and request Len L. make baffles

December 3

- Squirrels all about. Some feed still left. Several chickadees, 2 W-b Nuthatches, and 1 creeper about
- Bought 2 x 50 lbs black sunflower & small nyger \$40.22
- Both large feeders moved to new locations. Baffles not ready

December 8

- Erected Don Porter's feeder. Lots of squirrels about and goldfinches, chickadees, W.-b. Nuthatch, Downy Woodpecker. All seed gone from 2 large feeders.

December 11

- All feed gone from 2 big feeders. Lot of House Finch and chickadees around. Porter and small feeder. Fitted squirrel baffles to large feeders

December 15

- Visited by Chris. No squirrels on feeders. Little or no seed left. 5 Blue Jays, 3 W.-b. Nuthatches, 4 chickadees, 15 House Finch, 5 goldfinches, 1 Downy Woodpecker. Nearby 4 crows, 1 Red-tailed Hawk, 5 juncos near shed.

December 18

- No squirrel on large feeders. Squirrel on small feeder post – both plastic feeders empty. Little seed left in large feeders but plenty of chickadees and House Finches about.

December 24

- No seed, no squirrels, not birds! Restocked feeders including suet feeder.

December 30

- No seed (except nyger & corn & suet), no squirrels, no birds (1 House Finch), Sharp-shinned Hawk flew over.

President's Comments: December 30, 1996 was the last entry in the diary. The bird feeder trail initially established by Jim Cashmore and Chris Risley at Ecology Park is still being maintained. Visit it and see some of our wintering birds.



Alderville Black Oak Savanna News

Alderville First Nation is beginning a project to index the species of plants, mammals, birds, amphibians, reptiles, and insects that live in this region. This is an important project because it will help identify species at risk (SAR) and their habitat, measure the local biodiversity, and offer protection strategies for important species. This project is made possible with funding from the Ontario Species at Risk Stewardship Fund.

What is a species at risk?

A species at risk (SAR) is one that is in danger of disappearing from an ecosystem due to a threat such as habitat loss, invasive species, or climate change. Ecosystems are often complex networks of plants and animals working together to keep one another healthy. Removal of a species from or the introduction of a harmful one to these communities could result in an overall decline in the biodiversity of a particular ecosystem.



Mottled Duskywing Caterpillar

What is biodiversity?

Biodiversity describes the variety of life found within a given area. Alderville hosts a high level of biodiversity with respect to its habitat types, and the many plant and animal species that can be found within them.

Threats to biodiversity:

Climate change

In our corner of the world climate change means many things. It has been causing earlier springs, warmer, drier summers, and more severe storm and drought events. All of these factors can severely impact the organisms that live within a given ecosystem and change the habitats that they rely on for survival.

Land development

We humans are often changing the landscape on which we live, every time we cut down a tree, build a new housing development, remove a wetland, build a road, etc. These actions remove quality habitat required by many plant and animal species.

Pollution

The pollution of habitats by human activities such as run-off from roads or agricultural fields can alter the nutrient or toxin levels in an ecosystem, negatively affecting the organisms that live there.

Invasive species

An invasive species is one that is not native to an area in which it is found, and is negatively affecting the survival of one or more native species. This happens directly such as through predation or indirectly by outcompeting other species for habitat or food resources, for example.



Dog Strangling Vine

Human activities

Humans have a right to enjoy the natural world as well, but it is important that we do so in a way that is respectful to the creatures that live there. It is important that our activities impact an ecosystem as minimally as possible. For example, ATV's should remain on marked trails, and be careful not to trample native plants or animals; cars should slow for animals attempting to cross the road; our pets should be kept from disrupting wild animals such as rodents and wading birds.

Why Alderville?

Alderville is very unique among the tallgrass prairie and savanna ecosystems in Ontario. It is home to a wide range of species, some of which have been identified as being at risk. Additionally it hosts quality habitat for SAR, such as the Karner Blue Butterflies, which have previously disappeared from the area. These traits call for the protection and promoted growth of ecosystems in Alderville, so these species and others can continue to flourish.



Karner Blue Butterfly

We need you!

There are many ways for you to contribute year-round to this project! Educate yourself on SAR and invasive species in your area. Visit us at the Alderville Black Oak Savanna (ABOS) and check out some of our great resources to learn about all the different species that call Alderville home, and then track them in your backyard, and report them to us! Their presence can provide us with valuable information on the health of an ecosystem and help us know how to better protect native species in the future, and will assist us greatly in creating accurate species maps of the area.

For more information please contact:

Alderville Black Oak Savanna Ecology Centre
 Natural Heritage Coordinator: Janine McLeod
 8467 County Road 18
 Alderville ON K0K 2X0
 905-352-1008
savannatours@eagle.ca
www.aldervillesavanna.ca

PFN Outing Report - Waterfowl at Presqu'ile Provincial Park

Submitted by Jerry Ball and Martin Parker

On a cool and sunny March 23 nine members of the PFN under the leadership of Jerry Ball started the annual spring outing to view the waterfowl and other spring migrants at Presqu'ile Provincial Park. The trip travelled through Hastings and then southward to Presqu'ile. Along the way stops were made for Wild Turkeys and a Great Blue Heron standing on the snowy banks of a creek. Horned Larks were encountered at a number of locations south of Warkworth.

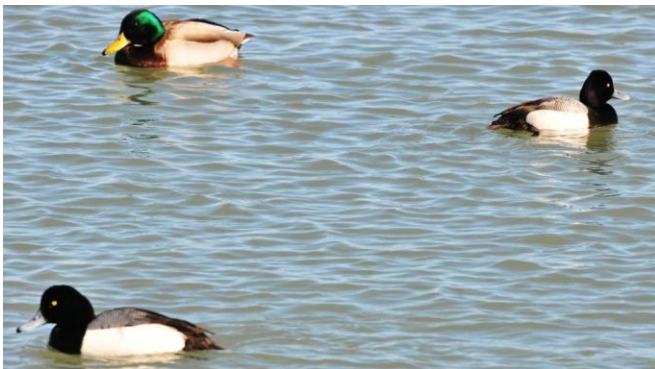
Presqu'ile Bay was mostly ice-covered this winter, another sign of the harsh winter we have endured. Along the edge of the ice were large numbers of Redheads and Greater Scaup along with several other species.

From the end of the Government dock the group spotted a Parasitic Jaeger mobbing the gulls, hoping the gulls would regurgitate a meal. All noted that the winds across the bay resulted in this being a very cold location. The outing then proceeded to the backyard of Bill Gilmour where we sat with Bill on his back porch in the sun to watch the birds coming to his feeders. Highlights included both Song and White-throated Sparrows, Red-bellied Woodpeckers, and Eastern Chipmunk. All good signs for spring.



Checking Rafts of Ducks, Waterfowl at Presqu'ile Provincial Park PFN Outing, March 23 ~ Photo Submitted by Martin Parker

After travelling the south shore of the park and visiting the lighthouse area the group then proceeded to the Bercovan Beach area. An area of open water held a wide assortment of waterfowl. Residents were feeding corn to the Mute Swans which resulted in other birds gathering. Highlights included Wood Ducks, Northern Pintail, American Wigeon, Trumpeter Swan and a sub-adult Bald Eagle. Away from the water there were a Killdeer, a Brown-headed Cowbird, Red-winged Blackbirds and Common Grackles.



The tour stopped at the Cobourg harbour on the way home where a Glaucous Gull was added to the trip list. In the harbour a Lesser and Greater Scaup swam together permitting the participants to note all the features which distinguish the two similar looking species.

At the end of the day the participants spotted a total of 66 species of birds and received confirmation that spring is slowly arriving.

Mallard, Lesser Scaup and Greater Scaup, March 23 ~ Photo Submitted by Martin Parker

PFN Outing Report: Hooters of Amherst Island

Submitted by Laura Irving

It was an early start on March 2 when we met at the Sobey's on Lansdowne to establish car pools for our trip Amherst Island, near Kingston. The morning was cold and we had received snow overnight which made for an interesting drive. Highway 28 didn't really have any lanes that you could see and the 401 had one lane clear. At one point we were behind snowploughs on the 401 which caused lots of discussion in our car if we would make the 9:30 am ferry to the island. But we did! In fact we drove right on the ferry with 2 minutes to spare. This is where we met up with the Kingston Field Naturalists (KFN) and others from Peterborough creating a total of 25 people in our group. The ferry has to cross on a frozen Lake Ontario; however there is a path cut for the ferry to cross. We saw half dozen Red-breasted Mergansers in the channel where the ferry would dock. Beautiful birds!



*Barred Owl, Amherst Island PFN Outing, March 2
~ Photo courtesy of Lydia Dotto, ImageInnovation Photography*

We arrived on Amherst Island and saw a Red-tailed Hawk fly over. Further down the north road, we saw three Rough-legged Hawks – two light and one dark morph. Almost at the top of a small silo we saw a raven sitting on a nest then flew off. We arrived at the area where we would walk to the entrance of Owl Woods and were happy to see 2 Snowy Owls on frozen Lake Ontario, just hanging out. Fortunately there were lots of scopes that helped everyone see the owls up close. A coyote was spotted later in the same area of the frozen lake and he appeared to be having a nap!

We got to the entrance of Owl Woods and not far in on the trail, our guide Peter Good (from KFN) spotted a Great Grey Owl hiding in an evergreen off the path. We were able to see with binoculars.

The owl blended into the trunk very well making the initial location hard to spot. We continued along the trail to the small bird feeding area where chickadees will feed out of your hand. The birds would land on your hand to feed if you were standing still or walking away! Our walk on the trail continued and we split off into two groups with a KFN leader to spot any other wildlife. We were fortunate to see a beautiful Barred Owl high in one of the trees with the sun shining in. He had found the right spot to keep warm! He seemed so large as he was puffed up to keep warm.

We did not spot any other owls that day, but for me seeing three of the largest owls was worth the trip. Many thanks to PFN for organizing the outing, and thanks to the rest of the group for an excellent day.

PFN Position on the Parkway EA Process

Submitted by the PFN Board

The following is a summary of the brief approved by the Board of Directors and submitted to the Minister of the Environment in accordance with the legislated process. The PFN has requested the Minister force a Part II Order on the Environmental Assessment Act so that a full assessment is completed for the proposed project. Instead of a preliminary EA:

1. The ACOEM ESR does not give weight to the degradation of the historic and iconic status of Jackson Park which would occur if the bridge is built.
2. The study ignores the extent of physical and environmental harm that the bridge would cause to the Park.
3. The report gives no weight to the loss of the natural corridor from the Otonabee River to Cavan Bog that would result if the roadway were built.
4. The report does not address the fact that the Parkway is a “greenfield” project and does not take into consideration the destruction of the natural environment entailed in building the Parkway.
5. The report does not recognize the negative impact of the proposed roadway on the Parkway Trail.
6. The report relies on the most extreme estimates of traffic growth in the city, and the most optimistic estimates of traffic reduction on other arterial roads. It assigns unrealistic economic value to the assumed time savings from the Parkway. It therefore overstates the need for a new arterial road – the Parkway - to relieve traffic problems.

In conclusion, the Peterborough Field Naturalists feel that the Class Environmental Assessment for the Parkway Corridor overstates the economic and transportation value of the Parkway, and understates the cultural and natural value of the project. A more realistic assessment of costs and benefits would not support the proposed project. The citizens of Peterborough will incur direct costs of some \$80 million (recently revised to \$90+ million), degrade an iconic park, and lose irreplaceable green space to gain 5 minutes of time on any trip taken around town.

Help Remove Milkweed from Ontario's Noxious Weed List

Excerpt from Nature Network News (Ontario Nature) / Photos submitted by Martin Parker

The Ministry of Agriculture and Food is proposing that milkweed be removed from the Schedule of Noxious Weeds and that dog-strangling vine be added. Milkweed provides an important habitat and a larval food source for the monarch butterfly, which is experiencing an alarming decline in numbers. Dog-strangling vine is an invasive plant that can be difficult to control once established. It is also a hazard to monarch butterfly populations because, though monarch butterflies are attracted to it, any eggs they lay on the plant will not survive. The proposed amendment is available for public comment at:

<http://www.ebr.gov.on.ca/ERS-WEB->

[External/displaynoticecontent.do?noticeId=MTIxNzQz&statusId=MTgyNDQy&language=en](http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTIxNzQz&statusId=MTgyNDQy&language=en)



Coming Soon: The Birds of Thickson's Woods, Whitby Ontario, Annotated Checklist

Submitted by Phill Holder and Margaret Bain

Documenting the 313 species of birds that have been seen so far in the reserve, with full colour photographs of each species, including their status and the specific dates of rarities seen. When the Holder family arrived in Toronto, on April 1, 1982 from the UK, it was Thickson's Woods that gave us our introduction to birding in Canada, our new home.

Thirty years ago this year a fundraising board was organized to buy the woods and save them in perpetuity. Later expanded to include the meadow to the north, Thickson's Woods has become an important oasis for migrating and breeding birds, and contains the only mature stand of White Pine on the north shore of Lake Ontario.

This new publication marks the 30 year anniversary of "saving the woods" and is dedicated to our son Matt who passed away suddenly in 2011. Matt loved birding the woods and in his memory all proceeds for the sale of this book will go towards the Matt Holder Environmental Education Fund. This fund will provide grants to under 18-year olds either from schools, groups or individuals.

The book will be available for sale beginning on April 1, 2014 at Thickson's Woods or by emailing Phill Holder at hawkowl@bell.net. Visit the Thickson's Woods website at www.thicksonswoods.com.

For A Naturalist's Library

Submitted by Martin & Kathy Parker

Reference books are important to naturalists, providing detailed information on the various families and species of plants and animals we share the planet with. The variety of books available is endless with new books coming annually. This article highlights two new publications which may be of interest to PFN members.

A very popular book on birds is '**The Sibley's Guide to Birds**' by David Sibley. Most of the avid birders in the club have a copy in their collection and consult it regularly. The Second Edition (2014) of this excellent guide to the birds has been published by Knopf. We just obtained a copy from a representative of the publisher. The guide has been completely revised with more than 600 new paintings and the addition of over 111 rare species of birds. It also used the current taxonomy of the birds and provides an insight into future changes.

The section on White-breasted Nuthatch gives details on three subspecies of this common bird - the Eastern, Interior and Pacific. This does not seem important to many but it is anticipated that these three subspecies will become separate species either this summer or next. It details how to distinguish the three pending new species by pointing out the differences in plumage and song.

This winter has been the winter of waterfowl on the Otonabee River. The Swans, Geese and Ducks section provides lots of new information on plumages of ducks which are not normally illustrated in guides. It shows how a 1st winter male Common Goldeneye can be confused with a Barrow's Goldeneye. There is information on exotic waterfowl and various hybrids which have been found in the field, such as the Hooded Merganser x

Common Goldeneye which occurred off the Presqu'ile Lighthouse a few winters ago. We are looking forward to using this new book in the field. It is a major advance in bird identification.

SPECIAL NOTE: Through special arrangements with the publisher the PFN has obtained 12 copies of the new "Sibley's Guide to Birds". They are available for purchase by members at a special price of \$35 per copy versus the list price of \$46 per copy. Copies will be available at the April meeting on April 10th. Please make payments payable to the Peterborough Field Naturalists.

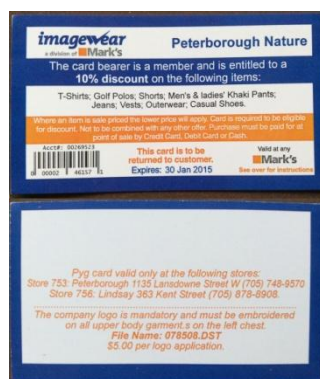
Another new book, scheduled to be released in June, is '**Beetles of Eastern North America**' by Arthur Evans, Princeton University Press. This book is being promoted as a landmark book and in the most comprehensive guide to the beetles on Canada and the United States east of the Mississippi River. It illustrates in colour over 1,400 species which occur in this part of the continent. The promo for this book states it is the essential books for those who want to become familiar with the members of this family of insects. We are looking forward to seeing this new publication.

Share your pride for PFN! Logo embroidering on clothing from Mark's

The lady slipper orchid has been the symbolic identity of our club for decades. Now that logo can be on your garments purchased from the Lansdowne Street location of Mark's Work Wearhouse. Cardholders receive a 10% discount on new items purchased at Marks for embroidering. The discount on the cost of the clothing item helps to offset the \$5.00 cost of embroidering the logo, and you get to pick any item you want off the floor: hats, T-shirts, golf shirts, or sweaters. You get choose any size or colour. Simply bring your chosen item(s) to the customer service desk, present your club card, and choose which logo you want to have embroidered: the solo orchid, or the orchid with text. The embroidery is only \$5.00.



*Young PFN enthusiast sporting hat with PFN logo
~ Photo shared by Kelly Boadway*



Why not pick up some clothing items for kids too? Mark's carries youth sizes. If you didn't pick up your Imagewear card at the AGM, you can get one at the next Monthly Meeting. We'll have a few sample hats and T-shirts for you to try on.



The Orchid Diary



Compiled by Tony Bigg 705-652-7541 tanddbigg@sympatico.ca

ORCHID DIARY - January 30, 2013 to March 29, 2014

There was no let-up of the exceptionally long spell of cold weather until the last few days of March. There were many reports of Long-tailed Ducks, Red-breasted Mergansers, Hooded Mergansers, and Red-necked Grebes throughout the whole period of this report. The birds were seen in open water stretching from Lock 19 in Peterborough to Young's Point and also at Gannon's Narrows. These sightings are not reported separately below but reporting observers included Les Manning, Bryan Wyatt, Luke Berg, Scott Gibson, Chris Risley, Sean Smith, Fred Helleiner, Ken Rumble, JB Jaboor, Tony Bigg, Walter Wehtje, Mike Stiell, Drew Monkman, Don Sutherland, Jim Sackrider, Iain Rayner, Marilyn Freeman, Dan Chronowic, Bart Young, Bill Crins, Martin Parker, Gary Ward, Tanya Taylor, Ken Burrell, Tom Northey & Jerry Ball.

- Jan 30 A male **White-winged Scoter** was seen by Luke Berg on the Otonabee River between Trent and Lakefield. This bird was also reported by Bryan Wyatt.
- Jan 31 In Young's Point Luke Berg found a female **Barrow's Goldeneye**. Below Lock 25 Luke reported the **White-winged Scoter** was still present.
- Feb 01 The continuing **Snowy Owl** near the junction of Chemong Rd and the 3rd Line was seen by Don Sutherland. On Hwy 28 north of Division Rd, Tori Buchanan saw another **Snowy Owl** fly across the road and land on top of a telephone pole. In Cavan Scott McKinlay had his female **Northern Flicker** return to his suet feeder. A **Northern Flicker** also turned up at Sean Smith's feeder just north of TASSS, along with a couple of **Purple Finches**. For an hour Joan and Robert DiFruscia had a **Barred Owl** in a tree close to their house on Heritage Line just south of Base Line.
- Feb 02 The above **Snowy Owl** was again seen by Jeff Keller. A **Northern Shrike** was seen by Iain Rayner by the Parkway trail east of Chemong Rd. Lori Humphrey had a female **Black-backed Woodpecker** respond to a Barred Owl call imitation in the Petroglyphs PP. Whilst skiing the Kawartha Nordic Ski Trails, Walter Wehtje had a **Golden Eagle** fly overhead. Chris Risley had a **Horned Grebe** swimming near the railway bridge by Little Lake Cemetery.
- Feb 03 Mike Gillespie saw a **Snowy Owl** on Hwy 28 north of Division Rd, likely the same bird as seen on Feb 1.
- Feb 05 The male **White-winged Scoter** was seen by Drew Monkman on the Otonabee River between Locks 23 and 24.
- Feb 06 The **Snowy Owl** near the junction of Chemong Rd and the 3rd Line was again seen by Don Sutherland. Warren Dunlop watched a **Peregrine Falcon** fly in from the east and land on the utility building on NE corner of Simcoe and Water St. where it perched for 5-7min before flying off to the SE.
- Feb 07 The birds in Sue Paradisis's yard in Ashburnham were once again sent flying in all directions by a visiting **Sharp-shinned Hawk**. A **Golden Eagle** was seen by Paul Frost flying over near the junction of Hwy 28 and Cty Rd 56.
- Feb 08 Jeff Keller photographed a **Pileated Woodpecker** on the 7th Line of Smith close to Cty Rd 29.
- Feb 09 In Ashburnham Sue Paradisis had her **Northern Flicker** return to her suet feeder.
- Feb 11 Carl and Rose-Mary Silvestri were having lunch, when she noticed a brown and white feathered creature sitting on a garland outside their kitchen window. It was an **Eastern Screech-Owl**. They took a number of pictures. Their visitor stayed the day and left at 5:40 pm.
- Feb 12 Val Roberts watched an adult **Bald Eagle** fly down and start feeding from a deer carcass. The carcass was located two fields east of the communication tower and just 50 feet off Woodland Drive.
- Feb 13 Two **Bald Eagles** were seen by Bill Astell, and separately by Marilyn Freeman, feeding on the same deer carcass off Woodland Drive.

- Feb 15 Patrick Mackey and his son were on the walkway between the King St parking lot and George St (behind the stores on Charlotte St). They came across a **Peregrine Falcon** standing proudly on top of a recently caught pigeon. Amazingly, they were only 10 metres away from the bird and walked slowly beside it while it simply turned its head and watched them. They stood there for several more minutes. The falcon did not fly off; it did however keep a continuous eye on them. Returning through this walkway several hours later all that remained were a few feathers. Jerry Ball found one **Iceland Gull** and five Glaucous **Gulls** at Little Lake.
- Feb 16 Mike Stiell saw a **Snowy Owl** on Scrivens Rd about 0.5km north of Cty Rd 2.
- Feb 18 The **White-winged Scoter** was seen by Jerry Ball and Drew Monkman by Lock 19.
- Feb 20 A male **White-winged Scoter** and a **Bufflehead** was reported by Iain Rayner at Lock 19 on the Otonabee River. Iain also saw a **Green-winged Teal** by Millennium Park in downtown Peterborough. Katsu Sakuma saw the **Snowy Owl** on Scrivens Rd near Cty Rd 2.
- Feb 22 Over the weekend of Feb. 22-23, Bryan Whitfield & Mary-Beth Aspinall had a **Virginia Opossum** in the backyard of their house at the southern edge of Peterborough. The animal was nestled right up against the foundation on the sunny south side of the house. It may have been eating spilled seed at a nearby bird feeder, but they never actually saw it doing so. About five weeks ago, they had **two opossums**. Although they didn't see them at the same time, they were probably a male and a female. There was quite a size difference between the two animals. The smaller one had noticeable damage to an ear. Mary figured it may have been frost bite. Mary first saw an opossum there a couple of years ago from her car at night near their house.
- Feb 25 The continuing **Snowy Owl** near the junction of Chemong Rd and the 3rd Line was seen by Jason Webb.
- Feb 28 An adult **Bald Eagle** was seen by Sue Paradisis flying over Giant Tiger on Cty Rd 29. Ken Rumble had two **Coyotes** on Mervin Line. Another **Bald Eagle** flew over Jerry Ball as he drove Hwy 115 south of Peterborough.
- Mar 01 Marilyn Freeman found a male **Greater Scaup** on the Otonabee River behind the 'No Frills' in downtown Peterborough.
- Mar 02 Kathy MacMillan-Jones found a **Great Horned Owl** in the woods on Armour Hill.
- Mar 04 A **Northern Shrike** was chasing **Black-capped Chickadees** at Bill Snowden's feeders on Gail Park Drive in Ennismore.
- Mar 06 A **Snowy Owl** was seen by Martin Obbard on Tara Rd north of Yankee Line.
- Mar 09 A pair of **Gray Jays** was seen by Gary Berg & Jennifer Budgell about 200m down Bennet Ski Trail of the Kawartha Nordic Ski Trail. Sandy Reid had a small flock of **Cedar Waxwings** in her flowering crabapple tree
- Mar 11 Two **Cooper's Hawks** were seen by Jerry Ball, chasing one another over the junction of Lansdowne Rd and Goodfellow Rd.
- Mar 12 A **Mute Swan** was seen by Chris Risley, sitting among **Mallards** on the ice at Millennium Park in downtown Peterborough. On Matchett Line south of Peterborough Tracy Carr saw a very lethargic **Porcupine**.
- Mar 14 Don Sutherland saw a **Snowy Owl** on Hwy 28 north of Division Rd, the same area where owls were seen in early February. J. Raymond saw and heard an **American Robin** in a tree near his house on Garbutt Terrace in Peterborough. He was singing his heart out. A small flock of **Horned Larks** were seen by Jerry Ball on Drummond Line.
- Mar 15 A male **White-winged Scoter** and a **Bufflehead** was reported by Erica Nol at Lock 19 on the Otonabee River. Peter Beales also reported the **White-winged Scoter**.
- Mar 16 Along River Street in Lakefield Luke Berg saw two male and one female **Ring-necked Ducks**. At Young's Point upstream of the lock he found a pair of **Wood Ducks** and a male **Northern Pintail**. By the Rowing Club at Trent he saw an adult **Iceland Gull**, and a 1st year **Lesser Black-backed Gull**. The **Horned Grebe** was seen by Mike Stiell in Little Lake

- Mar 17 There was a possible **Cougar** sighting near the Hilliard Street end of Tower Hill Road at about 5:40 p.m. on March 17. The animal was described as "a huge cat with a very long tail". It was walking down one of the backyard hills on the south side of Tower Hill Road. Apparently, the dogs in nearby yards started barking furiously and kept it up for a long time (reported to Drew Monkman). JB Jaboor listened to a noisy **Pileated Woodpecker** working the top of a telephone pole on Sophia St in East City. Tony Bigg reported that **Ring-necked Ducks** were still in Lakefield together with **Buffleheads**. Two adult **Bald Eagles** were seen by Jerry Ball, one by Lock 25 south of Lakefield, and the other on the hest on Lake Katchewanooka.
- Mar 18 A **Pied-billed Grebe** was seen by Tony Bigg below Lock 25 and a **Cooper's Hawk** flew along the Otonabee River. Anne Corke had three **Red-winged Blackbirds** at her feeder on Cathcart Crescent. Jeff Keller photographed a **Ruffed Grouse** off Tara Rd in Ennismore. **Common Grackles** turned up at the feeders of Cindy Bartoli in the west end of Peterborough last week. Nima Taghaboni saw the **Snowy Owl** on Hwy 28 north of Division Rd.
- Mar 19 A **Great Blue Heron** flew over Colin Jones just north of Warsaw on Cty Rd 4. A **Green-winged Teal** was found by Ken Rumble on Little Lake.
- Mar 20 Drew Monkman and Mitch Brownstein did an informal waterfowl census of sorts between Young's Point (South Beach Road) and Lock 19. They counted 3 **Red-necked Grebe** (2 in Lakefield), 1 **Horned Grebe** (Lakefield), 120 **Common Goldeneye**, 4 **Bufflehead** (Lakefield), 6 **Ring-necked Duck**, 20 **Common Merganser**, 19 **Red-breasted Merganser**, 160 **Mallard**, 4 **Long-tailed Duck** (Lock 19), 1 **Green-winged Teal** (Little Lake Cemetery), 1 **Greater Scaup** (female, just above the footbridge at Trent University) and 140 **Canada Geese**. Barb Evett photographed a flock of very lean **Wild Turkeys** foraging on the side of the 5th Line of Smith. A **Cackling Goose** was seen by Don Sutherland, associating with Canada Geese, between Locks 21 & 22 on the Otonabee River.
- Mar 21 Toni Sinclair saw her first **American Robin** of the spring at the end of 6 Foot Bay Rd, Buckhorn, this morning. DJ McPhail saw **Red-winged Blackbirds** on Maniece Rd in Ashburnham. Dave Milsom also had two **Red-winged Blackbirds**, an **American Robin**, and two **Common Grackles** in his yard on Scollard Drive. Bob Thomson reports "On March 21, my wife and I watched two adult **Bald Eagles** sitting on the ice in front of our house and eating a Mallard duck they had caught. A third eagle, an immature, arrived and tried unsuccessfully to join in on the meal. Recently, one of the eagles also caught and ate a feral cat. My wife and I have seen eagles take ducks here in past years, as well. We live on Cameron Street, just north of the Peterborough By-Pass bridge. There is always a great deal of waterfowl activity on this part of the river."
- Mar 22 Jim Watt reported that the resident pair of **Ospreys** have returned to Gannon's Narrows nest. A **Barred Owl** was reported calling for the last two nights on Ford Crescent, by Ken Rumble. DJ McPhail observed and photographed a male Long-tailed Duck and male **Lesser Scaup** on the Otonabee River this morning near the cemetery at Little Lake. They were just swimming along and fishing together. John & Marie Fautley saw a single adult **Peregrine Falcon** on the "usual" nest in North Kawartha township last Sunday. It flew off and out of sight immediately.
- Mar 23 Three **Trumpeter Swans** were seen in Lakefield by Tony Bigg. They were being very vocal, and posing for photographers on the pathway on the west side of the river. A half-a-dozen **Ring-necked Ducks** were in the same area. On Asphodel 5th Line Don Sutherland heard a **Horned Lark** as it flew over him.
- Mar 24 This morning, at 4 Conger Street, Marie Fautley saw five **Turkey Vultures** flying north-east very low. She was making coffee near a window and the shadows surprised her. They were definitely kettling: slow vertical, fast horizontal movement. "I've never seen them do it from so close. They were only one or two times the height of the trees – buzzing the houses and the trees and the trail in celebration of spring", she thought. Tony Bigg reported that they had a **Barred Owl** sitting as close as 10ft from their back window, watching the activity round their feeders in Lakefield. Only two other birds were in sight, a pair of **Northern Cardinals**. (The owl came back the following day and sat in the same spots.).

- Mar 26 Martyn Obbard reports that the **Snowy Owl** is still present on Tara Rd north of Yankee Line in Ennismore. Bill Snowden spotted a **Pied-billed Grebe** on the river just below Lakefield in the p.m. Many other waterfowl were present as well, including the **Horned Grebe**. Tyler Hoar reported a **Killdeer** flying NE at eye level along the centre median (only snow-free spot in visible area) of Hwy 115 just west of Cty Rd 10.
- Mar 27 A **Sandhill Crane** was reported by Sue Sauve flying overhead and calling, between Lakefield and Lock 25 on the Otonabee River. Iain Rayner & Matthew Garvin saw both an **Iceland Gull** and a **Glaucous Gull** on the ice by the Otonabee River near the Holiday Inn in downtown Peterborough. A **Yellow-rumped Warbler** was well seen by Mike Oldham outside his office window in the MNR building, associating with House Finches; not very bright plumage and presumably a local overwintering bird. A **Merlin** and an adult **Bald Eagle** were seen by Jerry Ball at Lock 25 south of Lakefield. Jerry also saw a **Turkey Vulture** near Keene, a flock of about twenty-five **Red-winged Blackbirds** at Campbelltown, and a **Horned Lark** on Scriven Rd.
- Mar 28 While driving to the Trent University campus this morning Walter Wehtje was amazed to see a **Great Egret** fly in and land on some exposed rocks below the dam that's just upriver of the Nassau Mills Road bridge (just south of campus). It stayed put and he was able to take a few photos with his phone and binoculars. On Little Lake Jerry Ball found four **Wood Ducks**, three **Northern Pintails**, and a **Great Blue Heron**.
- Mar 29 Jeff Keller found a pair of **Redheads** on Little Lake east of the cemetery. Barb Evett had a flock of **Cedar Waxwings** in her yard and also our first reported **Groundhog**. The **Barred Owl** was back at Tony Bigg's feeder in Lakefield, his third visit. This time Tony was able to watch him catch a vole and swallow it whole. Don Sutherland saw an **American Woodcock** flush from snow-free bank of creek on SE side of bridge to playing fields, and fly toward parking area in Beavermead Park. Don also heard an **Eastern Phoebe** calling between Locks 24 and 25 on the Otonabee River and a **Brown-headed Cowbird** singing on the Trent Campus. An American Tree Sparrow is still singing in the yard of Michael Oldham on Plati Ave.



~ *Barred Owl in Tony Bigg's Backyard*

Now You Can Track Invasive Species

Submitted by the Ontario Federation of Anglers and Hunters

Tracking and reporting invasive species in Ontario just got a lot easier. With a click of a button, mobile users can now join the fight against one of the greatest threats to Ontario's biodiversity.

The Ontario Federation of Anglers and Hunters (OFAH), the Ministry of Natural Resources (MNR), the Invasive Species Centre (ISC) and the University of Georgia Centre for Invasive Species and Ecosystem Health have unveiled the new EDDMapS Ontario online and mobile App for Android and Apple devices.

EDDMapS Ontario is a fast and easy way to map invasive species without any technical expertise. Users simply take a picture with their mobile device and report from where they are standing.

The new EDDMapS Ontario App builds on the EDDMapS Ontario web online system that contains more than 17,000 invasive species records from Ontario. Using your mobile device, you can make a report, search data and distribution maps, get email alerts and learn about the more than 150 invasive species in the province. The app helps early detection and rapid response efforts, maximizing the effectiveness and accessibility of invasive species observations with a network of expert verifiers.

The OFAH will be hosting two workshops to train professionals and the public about EDDMapS Ontario. The workshops are planned for Peterborough and Toronto and webinars will be delivered throughout the year.

OFAH EDDMapS Ontario Training:

Toronto Workshop

Tuesday April 22, 2014 - 9 a.m. to 1 p.m.
Black Creek Pioneer Village, Garfield Weston Theatre,
1000 Murray Ross Parkway, Toronto, ON M3J 2P3

Peterborough Workshop

Thursday April 24, 2014 - 9 a.m. to 1 p.m.
Best Western Plus, Otonabee Inn, Rogers Room,
84 Lansdowne Street East, Peterborough, ON, K9J 7N9

Space is limited for the workshops, which will be offered on a first come, first serve basis. Participants are encouraged to bring a laptop or smart phone to follow demonstrations. To register or learn more about the workshops, call Alison Kirkpatrick.

CONTACT INFORMATION

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PETERBOROUGH FIELD NATURALISTS

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: _____