



The Orchid

Bulletin of the Peterborough Field Naturalists

"Know ♦ Appreciate ♦ Conserve Nature In All Its Forms"

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Regular monthly meetings are held the 2nd Wed. of the month in the downstairs auditorium of the Peterborough Public Library at 345 Aylmer Street N.

COMING EVENTS

<p>Wednesday April 12 7:30 pm</p> <p>Ptbo Public Library</p>	<p>Monthly Meeting: "Variability in life history and morphology of our native sunfish; what happens when you introduce it to another continent?"</p> <p>The pumpkinseed (<i>Lepomis gibbosus</i>) is the only sunfish native to the Kawarthas. The native range of this species is from central and eastern Canada down to the parts of the U.S. midwest and as far south as South Carolina, but this species has been introduced into western North America, parts of South America and all over Europe. Professor Michael Fox (Trent University) will talk about the natural variation in the reproductive and morphological traits of this species in response to environmental factors and he will speak about his research in Europe, including the Iberian Peninsula where the pumpkinseed has become an invasive species.</p>
<p>Saturday April 22 11:30 am</p>	<p>Peteborough Green-Up Earth Day Clean-Up</p> <p>Join the community in cleaning up Jackson Park! Peterborough Green-Up is organizing an Earth Day clean-up of Jackson Park. Meet at 11:30 am in the parking lot off of Parkhill Road. Gloves and garbage bags will be provided to help beautify one of the cities most loved parks.</p>
<p>Sunday April 23 8:00 am</p> <p>Sunday April 30 8:00 am</p>	<p>Spring Sunday Morning Bird Walks</p> <p>Sunday morning bird walks return for another season! These "walks" last about 2 hours and will be held every Sunday until mid June. From novice to expert, these outings are sure to please anyone interested in seeing, hearing and learning about local birds. Meet in the parking lot of the Ptbo Zoo on Water St. at 8:00 am and we will carpool from there. Bring some change to contribute for gas and don't forget your binoculars. The first walk (April 23) will be led by Drew Monkman and the second (April 30) will be led by Mike McMurtry.</p>

COMING EVENTS continued...

Thursday April 27 7:00 pm	Spring Evening Nature Walk Celebrate Spring by getting together for a visit to some local wetlands to enjoy the sights and sounds of spring. We expect to hear a variety of frogs, birds (such as Wilson's Snipe) and many other mysteries of marsh and swamp. Meet in the Zoo Parking Lot on Water Street at 7:00 p.m. We expect to be out until about dusk. The walk will go on rain or shine.
Wednesday May 10 7:30 pm Ptbo Public Library	Monthly Meeting: "Biology and Behaviour of Steller Sea Lions" Steller sea lions range throughout the North Pacific and have experienced an 80% population decline in the past 30 years. Mystery and controversy surround Steller sea lions as the cause of this dramatic decline remains unclear. These large marine mammals are quite skittish and have quite distinctive behavioural traits. Laura Kucey (P.F.N.) will share some of her experiences living and conducting Steller sea lion research observations on remote islands in the North Pacific over the course of summer and winter months.

Green EXPO

Saturday, April 29th, 10:00 am – 4:00 pm

The mission of Green Expo involves educating individuals and businesses on the increasing number of eco-friendly products and services available for building and everyday living. This is accomplished through a one day event featuring a wide array of exhibits as well educational key note speakers presenting on different aspects of living less costly and in a healthier, more sustainable means. Information will be available about sustainable, energy efficient, all natural, organic, recycled and fair trade products and services. [Event is taking place at the Evinrude Centre. Visit www.greenexpo.ca for more information].



ORCHID SUBMISSIONS WANTED!

I would like to encourage members to send in stories, pictures, poetry, artwork, articles, reviews or PFN outing write-ups. Please remember that if the submission is not your own work, I need to receive original author and publication information in order to give proper credit for the piece. This is your newsletter and we need your help to make it great!

**Deadline for submissions for the May issue:
Friday, April 21st, 2006**

Please send submissions to: Rebecca Zeran, 188 Parkhill Road East, Main Floor, Peterborough, ON, K9H 1R1, phone: 876-9399, rebecca.zeran@mail.mcgill.ca

JUNIOR FIELD NATURALISTS

Sunday
April 23rd
2-4 pm

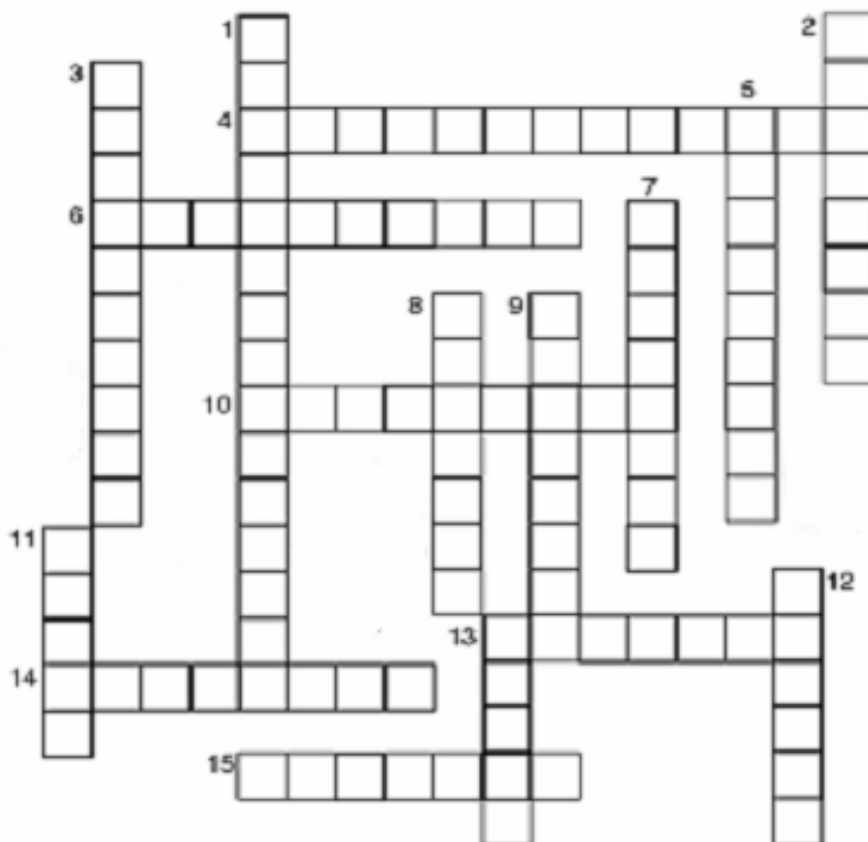


CELEBRATE EARTH DAY!

Earth Day (April 22nd) is an opportunity to think about the amazing natural world. We will celebrate Earth Day on April 23rd by helping mother earth and getting to check out a really cool wetland. Meet Neil at the Miller Conservation Area on the 7th line of Smith Township and we will clean up any garbage and see what's happening early spring in this wetland. Bring some work gloves, rubber boots and maybe a garbage bag. To get there turn left at the zoo and head out of town along the centre line of Smith. Turn left at the 7th line and drive about 1 kilometre. See you there!

EARTH DAY CROSSWORD

(from EcoKids Online. www.ecokids.ca)



ACROSS

- #1 Earth Day event.
- Special gatherings at school held to celebrate Earth Day.
- A musical way to celebrate Earth Day.
- Many EcoKids clubs are in charge of _____ programs at their schools.
- April 22.
- What you can do with leftover food.

DOWN

- What everyone should have at noon.
- Something you can make to help teach other people about the environment.
- You can have one of these to make money for your club and reuse old things.
- You might read about your club's Earth Day event in the _____.
- EcoKids clubs can raise money for their clubs by making tasty treats and selling them at a _____.
- You can put these up around school to let everyone know about Earth Day.
- Turning off lights helps _____ energy.
- A popular colour on Earth Day.
- The best and first of the 3 Rs.
- To use something over again.

Look for the answers in the May issue of the Orchid.



COMMITTEE BUSINESS - PFN Board of Directors Meeting – 1 March 2006

Financial: The draft budget report for 2006 was accepted. It forecasts a possible deficit of about \$558.00. It was decided to continue to monitor spending as the years progresses and take action if necessary.

Membership: We gained 4 new members in February, three of which have asked to receive the Orchid by e-mail. Thirty-four members from last year have still not paid for this year.

Projects: The LWCC is looking at possibly getting a promotional space at the Plowing match to be held near Keene in September. The PFN will consider attending and will need volunteers to man the areas and help in setting up a display.

Mike attended a Restoration Network meeting where discussions centered around the Oak Ridges Moraine. The PFN will look into participating in the Green-up restoration project on Jackson Creek. A Bio Blitz of an area is still a possibility.

Program:

Jerry Ball will lead one of our annual outings to Presquille on March 19th. Spring Sunday morning walks will start on April 30th but we will also do a walk in conjunction with Earth day on Sat. April 22.

Ontario Nature 2007 AGM:

The planning group for the Ontario Nature AGM has had two meetings so things are progressing there. There is one full meeting planned for March and some of the sub groups are going to meet separately.

Other Business:

The PFN has joined the Restoration Round Table.

Heather Smith sent a letter to Ken East, Director of Waterpower Parks Canada Agency, stating our concerns and reservations to the Hydroelectric project at Locks 22 & 23 on the Trent Severn Waterway System.

The board reviewed a proposal to work on the PFN website and decided that we could not justify the cost to completely re-vamp the website at this time, though we may still consider some work on the website this year.

New Members

*Lloyd & Norma Gorling
Andrew Jobes & Sue Prentice
Mike Oldham & Mireille Delisle-
Oldham*

Welcome!



Spring Beauty, *Claytonia sp.* (Photo by Rebecca Zeran)

LARGE WOODLANDS CONSERVATION COOPERATIVE UPDATE

- by Danielle Tassie – Coordinator, Large Woodlands Conservation Cooperative

We are scheduling site visits with landowners. LWCC forestry experts will conduct site assessments to see if landowners qualify for funding. Through the Ontario Trillium Foundation, the LWCC has funding to undertake several restoration and sustainable harvesting projects with landowners within our six focus area.

I attended an Oak Ridges Moraine training day on behalf of the LWCC – there is a new landowner contact person who will be working with landowners with property on the Moraine. Since many of the LWCC landowners are also on the Moraine, you will no doubt hear more on that outreach project, its events, workshops and restoration projects throughout the upcoming year.



LWCC display at the Ontario Woodlot Association's Annual General Meeting and Conference.

The LWCC was on hand at The Ontario Woodlot Association's Annual General Meeting and Conference. I was able to meet with many of our landowners face to face.....

For more information, please give us a call at (705) 748-1011 ext 5068, e-mail LWCC@trentu.ca, or visit us on the web at: www.trentu.ca/org/woodlands

Danielle Tassie,
LWCC Coordinator



IN MEMORY OF STAN REITEN

- by Drew Monkman

The PFN has lost a longtime member. Stan Reiten, who joined the club in the 1970s, passed away in February at the age of 86. Stan was a very close friend and traveling partner of Rhea Bringeman's. The two of them attended almost all of the club meetings together.

Stan was originally from Lethbridge and held an engineering degree from the University of Alberta. He came to Peterborough with his wife, Doris, and worked for many years for C.G.E. designing propulsion systems for icebreakers. Unfortunately, Doris passed away suddenly in 1977. Stan was very involved in organizing the two Federation of Ontario



Naturalist Conferences that the P.F.N. hosted and was all set to assist with next year's conference as well. Thanks to his strong computer skills, he developed a very useful spreadsheet for registration at the conference. Stan also took on numerous other responsibilities with the club such as serving on the Board, setting up audiovisual equipment for our speakers and building birdhouses and feeders.

In addition to his love of nature, Stan was very involved with the local ham radio club and Boy Scouts. He also had a great love of music and played both the violin and the guitar. Stan leaves behind three daughters and numerous grandchildren and great grandchildren, as well. Our condolences go to Stan's family and to his wonderful friend of 20 years, Rhea Bringeman.

SPRINGSONG 2006

A Celebration of Birds and Birding featuring internationally-acclaimed author
Alice Munro!

with an introduction by: **Margaret Atwood!**

A banquet at:
The Pelee Island Wine Pavilion—Pelee Island, Ontario
Saturday, May 13th, 2006, at 6.15 pm.

TICKETS \$50.00 PER PERSON
For Information & Reservations contact:
E-mail: pimuseum@mnsi.net
Tel: 519 724-2291

Includes: the *Pelee Island Baillie Birdathon* and the *Bird for the Botham Cup*

From noon Friday May 12th to noon Saturday May 13th :
A Green Bird Race! [Bicycle and pedestrian birding only]
Public Transport Shuttle Available Courtesy of Pelee Island Winery.

Celebrity Birder: **Peter Matthiessen!**
author of *The Birds of Heaven* and *The Snow Leopard*.

The Heritage Centre offers professionally-led Birding Walks, May 1-May 20.

Books by Authors will be Available at the Banquet.

If anyone is interested in taking over care
of approximately 40 blue bird boxes in
the Cavan/Millbrook area, please contact:

Del Burke
(705) 745-8460



VERNAL POOLS ARE SPRINGING TO LIFE

- by Janine McLeod

Most of us who explore the woods are aware of the small flooded areas that appear at this time every year. These small, temporary, fishless waters are known as Vernal Pools (vernal means spring). They are found in or near a wooded area and are usually shallow and small. These pools are isolated from other water bodies, that is, no continuous connection to streams or permanent water exists, although they may have filled due to flooding of a nearby stream or pond. Snowmelt, spring or fall rains or a rise in the water table are the usual sources of water. Vernal pools only exist for a short time, usually drying by late summer but some last for a year or two. They are also known as ephemeral ponds due to their short-lived existence.

Vernal pools are essential to the survival of number of species that take advantage of the fishless habitat and have adapted methods of coping with the temporary nature of the pools. Fairy Shrimp, Wood Frogs, and mole salamanders are obligate vernal pool species; they must have access to a vernal pool to complete their life cycle.

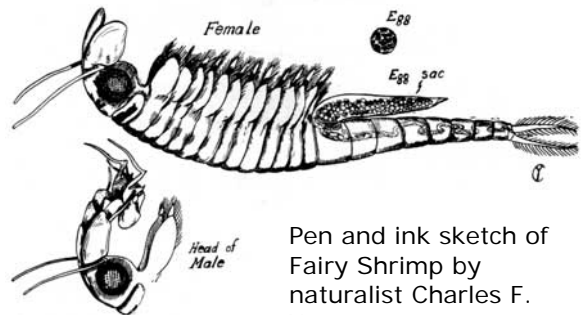
Fairy Shrimp

Fairy Shrimp are small crustaceans only 1 - 2.5 cm long and are found world wide in temporary waters from high mountains, to deserts, to the sub-artic. They acquired their name because they appear like magic in a pool soon after it becomes flooded and can show up suddenly even in sites where they have not been seen for years. Their colour is usually red-orange due to hemoglobin but the colours can range from gray to translucent whitish, blue or green. They have a pair of eyes on stalks, 2 sets of antennae and 11 pairs of leaf-like swimming legs. They swim upside down, (or what we would consider upside down) with wave-like beating motions of the legs. The leg

movements collect food such as, algae, bacteria, protozoa and debris in the water. Food is moved up to the mouth parts by the beating action.

The male Fairy Shrimp has a second pair of enlarged antennae to clasp a female for mating. The pair may swim clasped together for several days but the actual copulation only takes a few minutes. Shortly afterwards the male dies.

The female can produce 2 types of eggs, thin shelled "summer" eggs and thicker shelled "winter" ones. Summer eggs hatch fast and the young will populate the pool in the same season that they are laid. Winter eggs will remain in the soil at the bottom of the pool and will tolerate being dried out. They will hatch when the pool fills with water again in the spring. These winter eggs are incredibly durable; 15 year old eggs have been hatched successfully in a lab. It has been estimated that in 1 square meter of pool bottom there may be as many as 9,000 dormant Fairy Shrimp eggs. Not all hatch in any one year so the number can build up over the seasons.



Pen and ink sketch of Fairy Shrimp by naturalist Charles F. Yocum.
(www.nps.gov/crla/notes/vol18j.htm)

Once eggs hatch the young mature very quickly and can complete their life cycle in 16 days. This means they have few predators because by the time other vernal pool inhabitants have arrived the Fairy Shrimp are finished for the season.

Wood Frogs

The Wood Frog, *Rana sylvatica*, is one of the most wide spread amphibians in North America, ranging from the mid-west US to the NWT and Alaska. They are small frogs about 5 cm, usually brown but sometimes coppery or golden with a white underside. They have a distinct black mask which contrasts with the white upper lip.



Wood frog. (Photo by Rebecca Zeran).

Wood Frogs are often the first heard calling in the spring when the males find a vernal pool and start a chorus to attract females. Once a female finds the male with the song she likes the best, mating will occur. The male will clasp the female and release sperm as she releases her eggs into the water, this is called amplexus. Often many females lay their eggs at the same location in communal egg masses. These egg clusters trap solar heat and accelerate their development. After the eggs are deposited the adults return to the upland forest.

By mid to late April the Wood Frog larvae, or tadpoles, hatch. They are dark brown to black and only $\frac{1}{4}$ inch long. They will remain close to the egg mass for a few days grazing on the algae, and then they swim throughout the pool feeding on leaf material and algae at the pool bottom.

By June the mature tadpole has developed legs and begins to emerge onto land. Breathing in the air is now possible.

Juvenile frogs are easy prey for snakes, turtles, wading birds and when they are small, even aquatic insects will eat them. The emergent frog is a miniature version of the adult but may have a small stump of a tadpole tail. It will now leave the water to spend its life in the woodlands and forest looking for insects and other invertebrates to eat. In a couple of years it will return to the pool and find a mate.

Wood Frogs get their name because this frog is an animal of the forest and vegetated wetlands. They are very difficult to see among the leaves on the forest floor but you might see one hopping away if you disturb it. The black mask is most distinctive and makes them easy to identify. Without the breeding habitat of a vernal pool wood frogs would disappear from our forests.

To learn more about Vernal Pools and amphibians, check out these websites or the book listed below. If you would like to learn to recognize frog calls, visit the FrogWatch website where they have recordings of all Ontario species.

In the next issue we'll explore the fascinating mole salamanders: the Spotted Salamander, Blue-spotted Salamander and the Jefferson Salamander. These three are also obligate Vernal Pool species.

References

- Colburn, E. A. 2004. Vernal Pools Natural History and Conservation
- MacCulloch, R.D. 2002. The ROM field guide to Amphibians and Reptiles of Ontario
- FrogWatch website
<http://www.naturewatch.ca/english/frogwatch/on>
- Ontario Vernal Pool Association
<http://www.ontariovernalpools.org/index.html>
- The Vernal Pool Association
<http://www.vernalpool.org>

NATIONAL WILDLIFE WEEK: APRIL 9TH-15TH, 2006

- text below adapted from <http://www.cwf-fcf.org/>

NWW is celebrated each year during the week surrounding April 10, the birthday of Jack Miner, one of the founders of Canada's conservation movement. Proclaimed in 1947 by an act of Parliament, NWW is a time to celebrate Canada's natural heritage and play an active role in conservation.

The 2006 NWW theme is: ***Watersheds... more than just water... explore yours!***

What is a watershed?

Did you know that we all live in a watershed? No matter where you live, work or play, you are in a watershed! You might be surprised to know that watersheds are more than just water. A watershed is an area of land that water flows across or through on its way to a particular water body, such as a stream, river, wetland or coast. Think of it as the land upon which precipitation (such as rain) falls and flows to a common, watery place.

Watersheds come in all shapes and sizes. They can be very large, spanning several provinces, or so small that they only encompass a small stream or wetland area. They cross counties, provinces and national boundaries. They can be "open systems" — those that eventually drain into an ocean or "closed systems" — ones where water can only escape through evaporation or by seeping into the earth.

Why watersheds are important

- **Water:** Watersheds supply water —without water people and wildlife can't survive.
- **A place to live:** Watersheds are like huge neighbourhoods within which all living things — plants, animals and people — share water.
- **Wildlife habitat:** Whether it's a bird, butterfly, bear or bat, all wildlife needs habitat. Water is a vital part of their habitat, which also includes food, shelter and space, arranged just right for each species. Beavers, fish, shore birds, frogs, turtles and snakes are among the aquatic species of wildlife that live in or around the water supplied by a watershed.
- **Irrigation:** Farmers draw on water in watersheds from the Earth's surface (such as ponds) or from beneath the ground to irrigate crops for food and provide water for livestock.
- **Industry:** Most industries draw water from watersheds in manufacturing processes or for cooling and cleaning.
- **Recreation:** Watersheds provide the lakes, streams and rivers we use for fishing, boating, swimming, ice fishing or relaxing on a beach.
- **Beauty:** Scenic waterways or ocean coasts are among the natural features in our landscape that give us cause to reflect, admire and share in the beauty of our environment.

Visit www.cwf-fcf.org for more information about how you can celebrate National Wildlife Week.



The **ORCHID DIARY** for **21 Feb - 26 Mar 2006**

Compiled by Tony Bigg, 652-7541, TandDBigg@aol.com

The spring migration is now well under way with the arrival of Horned Larks, many ducks, a few sparrows, and Turkey Vultures. Winter finches and owls are still being reported.

- Feb 22 Ken Rumble (KR) reported seeing one of the **Merlins** back at Little Lake Cemetery. Andrew Jobes (AJ) was serenaded by two singing **White-breasted Nuthatches** and three counter-singing **Northern Cardinals**.
- Feb 25 Dawn and Paul Macklin watched a **Barred Owl** fly across their driveway and perch on a tree limb, having been disturbed from his rabbit banquet. Angela ? saw a pair of **Otters** playing on the banks of the Otonabee River near her home off Campbelltown Road.
- Feb 28 Susan Brooks reported that the **Bald Eagle** was back on its nest on Katchewanooka Lake. She suspects that there is already an egg in the nest.
- Mar 02 Doug Sadler and Tony Bigg (TB) found two **Great Gray Owls**, one north of Bobcaygeon on Anderson Line and the other on County Rd 36 between Bobcaygeon and Buckhorn. Three small flocks of **Pine Grosbeaks** were also seen near Bobcaygeon, the Lake Katchewanooka **Bald Eagle** was watched adding sticks to its nest, and two dozen **Wild Turkeys** were seen on Cottingham Rd. west of Emily Park Rd. (Cty Rd. 10).
- Mar 03 Benjamin Walters saw a flock of 41 **Bohemian Waxwings** on County Rd. 35 just south of Highway 7. A little further down the road he also had an **American Kestrel**.
- Mar 05 While skiing on the Kawartha Nordic Trails in the Peterborough Crown Games Preserve Mike McMurtry and his wife had an excellent view of a **Fisher** in the sparse mixed forest along the Kenner trail. TB saw his first **Horned Larks** of the year for the county, just north of Ida.
- Mar 08 Miles Dagenais' active feeder and the surrounds, near Bethany, provided sightings of **Northern Cardinal, American Goldfinch, Pine Siskin, American Crow, American Tree Sparrow, Dark-eyed junco, Blue Jay, Hairy Woodpecker, Downy Woodpecker, Mourning Dove, White-breasted Nuthatch, Red-breasted Nuthatch, Black-capped chickadee, Ruffed Grouse, and Sharp-shinned Hawk**.
- Mar 09 Don Sutherland (DS) observed a singing **Northern Shrike** along the Rotary Trail north of Trent university
- Mar 10 A mixed flock of about a dozen **Red-winged Blackbirds** and **Common Grackles** was seen by Mike Oldham flying north across County Rd. 4 a couple of kms northeast of Donwood.
- Mar 11 DS saw two **Killdeer**, one in flight over the Water St./Brock St. area of downtown Peterborough, and the second on River Rd. near Duoro 9th Concession. He also saw several male **Red-winged Blackbirds**, lots of **American Robins**, and a single **Northern Pintail** along the Otonabee River north of the zoo. Scott McKinlay noted a lone male **Ring-necked Duck** with **Common Mergansers, Hooded Mergansers, Common Goldeneye, Mallards, and Canada Geese** on Clear Lake at South Beach Road, Young's Point.
- Mar 12 DS, walking the Petroglyphs PP, reported singing **Brown Creepers, Pine Grosbeaks, Pileated Woodpecker, White-breasted Nuthatch, Red-breasted Nuthatch, and Golden-crowned Kinglet**. He also saw a freshly road-killed **Groundhog** near the junction of County Rd. 29 and 6th Line of Smith. A dead **Boreal Owl** was brought in to the MNR after flying into the window of a house on Long Lake Rd. on this date.
- Mar 13 Erica Nol observed a **Song Sparrow** at a feeder at Trent University, as well as a small flock of **Dark-eyed Juncos**. She also saw eight **Bufflehead** and one **Common Goldeneye** on the river there.
- Mar 14 KR was checking out the ducks on Little Lake and noted twenty **Ring-necked Ducks**, along with twelve **Hooded Mergansers**, eight **Common Mergansers**, twelve **Common Goldeneye**, six **Buffleheads**, **Mallards**, and **Canada Geese**.
- Mar 15 Further observations by KR on Little Lake revealed four **Common Mergansers**, six **Hooded Mergansers**, eight **Wood Ducks**, four **Common Goldeneye**, **Mallards** and **Canada Geese**. He also saw a **Muskrat** swimming among the geese.

- Mar 16 Al Blewett and Bob Prentice found twenty-five **Tundra Swans**, a dozen **Northern Pintails**, six **American Black Ducks**, **Mallards** and **Canada Geese**, at the pond by Mather's Corners, County Rd. 2. A male **Northern Harrier** was flying around the edge of the pond. On Little Lake KR noted an increase to one hundred **Hooded Mergansers**, thirty **Common Mergansers**, forty **Ring-necked Ducks**, twenty **Common Mergansers**.
- Mar 17 A possible white morph **Gyrfalcon** was reported (to Don Sutherland) as seen at the Peterborough Airport. Don believed the report to be convincing enough to warrant reporting.
- Mar 19 Maureen Smith and Anne Anthony were surprised by two American Woodcock bursting out of a ditch along Allandale Rd. in Lang. They also saw a Northern Harrier at Mather's Corners, and Little Lake provided ten Common Mergansers and over one hundred Hooded Mergansers.
- Mar 20 Martha Allen spotted a **Great Gray Owl** perched on telephone wires along Hwy 28 1.3km south of the Clear Lake Rd. turn-off. It was actively foraging in a field. Martha also reports having twenty or more **Common Redpolls** at her feeder in Mt. Julian.
- Mar 21 Mike Lavender reported a pair of **Wood Ducks** on the Otonabee River at Sawyer's Creek. Doug McRae observed a **Merlin** on Homewood Avenue between Monaghan Rd and Albertus Rd. in Peterborough. The bird was in a deciduous tree right beside a White Pine that has an old crow's nest in it. Doug suspects the Merlin is eyeing the nest as a prospective site for this year's nest.
- Mar 23 KR observed the **Merlin** again in Little Lake Cemetery. Sue Prentice saw a **Turkey Vulture** flying over Donwood.
- Mar 24 John Fisher heard a **White-throated Sparrow** calling in the teachers' college area north of Parkhill Rd. Four **Turkey Vultures** were also seen circling the area. AJ also heard a White-throated Sparrow in the East City, and also had a Killdeer fly overhead while crossing the Hunter Street bridge. TB had a **Hoary Redpoll** at his feeder in Lakefield, with a mixed flock of **American Goldfinches** and **Pine Siskins**.
- Mar 25 Bob and Mary Hartley saw two **Turkey Vultures** on Hwy 7 between Emily Park Rd. and Bethel Rd. They also had a male **Belted Kingfisher** at the northwest corner of Emily Provincial Park by the bridge.
- Mar 26 Martyn Obbard reports a lot of open water at Gannons Narrows with **Common Goldeneye**, **Bufflehead**, and **Canada Geese**.



COMMITTEE MEMBERS

President	Heather Smith – 533 Paterson St, Ptbo, K9J 4P9	heatheraesmith@yahoo.ca	749-0304
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Book Sales	Anne Storey – 1458 Fair Ave, Ptbo, K9J 1G9		743-0345
FON Rep	Rhea Bringeman – RR2, Ptbo, K9J 6X3		742-1035

MEMBERSHIP

Memberships may be obtained at the monthly meeting from George Maynard or by mailing a copy of the application form below to P.O. Box 1532, Peterborough, ON, K9J 7H7.

Name(s) _____

Address _____

Tel. Home _____ Work _____ Email _____

Type of Membership and Fee Schedule (2006) – Please make cheques payable to: Peterborough Field Naturalists

1. () Student (September through to April) \$15

2. () Single (1 adult or 1 child*) \$25

*Membership in the PFN automatically includes membership in the Junior Naturalists

3. () Family (couple or family with children) \$30

Please give the names and ages of the children you wish to be enrolled in PFN Junior Naturalists programs:

Name _____ age _____ Name _____ age _____

Name _____ age _____ Name _____ age _____

Main Interests (Tick only 3):

(a) Birds _____ (b) Butterflies/Insects _____ (c) Wildflowers/Trees/ Shrubs _____ (d) Astronomy _____ (e) Aquatic Life _____ (f) Geology _____ (g) Field Trips _____ (h) Hiking _____ (i) Conservation _____

(j) Other (please specify) _____

I (name _____) am knowledgeable in the following area(s) _____

and would be prepared to: () lead an outdoor session, () give an indoor 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 groups

This information is optional but helps us to understand the needs of our membership. If yours is a family membership, please check for each adult. Under 20 (), 20-24 (), 25-29 (), 30-34 (), 35-39 (), 40-44 (), 45-49 (), 50-54 (), 55-59 (), 60-64 (), 65-69 (), 70-79 (), 80 & over ().

Comments

We are always looking for ways to improve the club. Please attach a separate sheet listing any ideas that you may have.

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 _____