



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>Sunday October 7th, 14th, 21st, 28th 8:00 am</p> <p>Zoo Parking Lot</p>	<p>Sunday Morning BIRD WALKS Resume Looking ahead to the cooler fall weather, it's time once again for the Sunday morning bird walks to commence. Our first walk will be Sunday, October 7th. These 'walks' last about 2 hours and are sure to please novice and expert birders alike with good opportunities to hear and see interesting local birds in different locations each week. Meet in the parking lot of the Peterborough Zoo on Water Street, at 8:00 a.m. and we will carpool from there. Bring some change to contribute for gas and don't forget your binoculars. Bird walks will be held every Sunday in October (starting the 7th and ending the 28th). Walk Leaders are:</p> <ul style="list-style-type: none"> • October 7th: John Bottomley • October 14th: Tony Bigg • October 21st: Jerry Ball • October 28th: Mike McMurtry <div style="display: flex; justify-content: space-around; align-items: center;">    </div>
<p>Wednesday October 10th 7:30 pm</p> <p>Ptbo Public Library</p>	<p>PFN Monthly Meeting: "Birds and wetlands of the Hudson Bay Lowlands" Ken Abraham, a Waterfowl & Wetlands Scientist with the Ministry of Natural Resources will talk to us about birds and wetlands in the Hudson Bay Lowlands. The Hudson Bay Lowlands is the third largest wetland complex in the world and the wettest place in North America. The region is important for migration and breeding of many populations of birds, both wetland-obligates and others. Highlights from the recently completed breeding bird atlas and associated surveys are presented.</p>

NOTE: For anyone submitting sightings to Tony for the Orchid Diary, please take note of his new e-mail address (tanddbigg@sympatico.ca)

COMING EVENTS continued

<p>Friday October 12th</p> <p><i>Raindate:</i> October 13th</p> <p>8:00-11:00 pm</p>	<p>Saw-whet Owl Banding</p> <p>October is the month for Trent University's saw-whet owl banding program. PFN members have an opportunity to watch and learn about the annual owl banding program at Nogie's Creek on October 12th (raindate: October 13th). To minimize disturbance to the owls, we will be limiting attendance to 6 PFN members. Please call Laura by October 10th at 705-755-2171 to reserve a spot (sorry, phone messages will not be monitored after October 10th). Please bring sturdy footwear, warm clothes and a flashlight/head lamp if you have one.</p> 
<p>Saturday October 13th</p> <p>1:00 p.m.</p> <p>Meet in Peterborough Zoo upper parking lot</p>	<p>Conservation Stewardship on a rural Natural Heritage Property</p> <p>Do you want to work outside on a beautiful property north of Peterborough for a good cause? The Peterborough Field Naturalists will be combining forces with the Kawartha Heritage Conservancy (KHC) to do some much-needed conservation stewardship work on a rural property being co-managed by the Kawartha Heritage Conservancy and the Sharpe family. The photo below shows one of the many natural vistas on the property. On Saturday, October 13th, we will be doing a variety of tasks including marking pines for thinning and marking and clearing a hiking trail. The tasks will not be too strenuous and you will be able to participate at your own comfort level. Please call or email Mike McMurtry (michael.mcmurtry@sympatico.ca or 705-748-5353), our Restoration Projects Coordinator, to let him know if you are interested. We will be carpooling to the Sharpe property, which is a 15 minute drive north of the zoo. KHC will be supplying some of the equipment, but please bring appropriate hand tools such as shovels, hand saws, pruning shears and gloves, if you have them. If you don't have a ride to the Zoo, we can arrange transportation.</p> 

Photo courtesy of Ian Attridge, Kawartha Nature Conservancy

COMING EVENTS continued

<p>Sunday November 4th 8:00 a.m.</p>	<p>Fall Birding at Presqu'ile Jerry Ball will lead us on a trip to Presqu'ile Provincial Park for some fall birding. Bring a lunch, binoculars and rubber boots (may or may not need them). Meet at the Country Style at the junction of Old Keene Road and Highway 7 at 8am.</p>
<p>Wednesday Nov 14th 7:30 pm Ptbo Public Library</p>	<p>PFN Monthly Meeting: "The Return of the Southern Ontario Bald Eagle" The Southern Ontario Bald Eagle Monitoring Program has yielded significant results over the past 20 years. In this presentation, Jody Allair of Bird Studies Canada will highlight successes in the recovery of Bald Eagles along the lower Great Lakes, and will discuss preliminary results from the Destination Eagle satellite tracking initiative. The talk will also cover Bald Eagles in the Peterborough area, and some of the questions BSC is hoping to answer locally in the coming year.</p>

JUNIOR FIELD NATURALISTS

<p>Friday October 19th Meet 6:45 pm @ Buckhorn Foodland</p>	<p>SAW-WHET OWL BANDING The Junior Naturalists will be able to check out the Saw-Whet Owl banding Friday October 19th. It is a rare opportunity to see one of these captivating birds up close. We will meet at the Buckhorn Foodland parking lot at 6:45pm and head to the banding site for about 1.5 hours. Dress warmly, and bring a mug for hot chocolate. Please note: To minimize stress to the owls, this outing is limited to a maximum of 10 participants. Any Junior Naturalists interested in attending must contact Neil at 292-6185 to register.</p>	
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Monarch Migration

- by Anne Lewis, Six Mile Lake Conservationists Club, posted to Ontario Nature Network News, September 17, 2007

It's journey South time again. Just thought you would like to follow along. Monarch Butterfly Migration Updates will be posted on Fridays: September. 7th, 14th, 21st, 28th, October. 5th, 12th, 19th, 27th, November. 2nd or until the monarchs reach Mexico!

<http://www.learner.org/jnorth/monarch/>.

A Message from our President: Otonabee River Hydro Proposal

As most of you will be aware a proposal exists to develop a run-of-the-river hydro-electric power scheme on the Otonabee River. The proposed development would see the construction of a power canal running from the west bank of the river just North of the dam at Lock 23 to a powerhouse and outlet back to the river just South of the dam at Lock 22.

Although as a naturalist club we are supportive of the development of clean energy we have opposed this development as it is currently framed. I presented the Club's views at hearings conducted under the aegis of the Dominion Water Power Act on September 26th. A summary of these follows.

Our principal concerns involve negative impacts to the existing woodlot on the west bank of the river and to the ecology of the river itself.

The planned canal will in effect destroy the existing woodlot. Many hundreds of trees will be removed, soil and habitat disruption will encourage the spread of invasive plants, core habitat will be lost as the woodlot is fragmented, core habitat species will be lost thus reducing overall bio-diversity and access to the river for ground dwelling mammals and other species will be heavily restricted.

Our concerns regarding the river revolve around the section between the dams at Locks 23 and 22. This reach of the river will be by-

passed by the canal. The developers propose to guarantee a minimum flow of 3 m³/s over the dam at Lock 23 and suggest that this will ensure the biological health of the river in the pool between the dam and Lock 22. A flushing rate of only 3 m³/s, less than 20% of current flows, for up to five or six months of the year is insufficient, we suggest, to guarantee the maintenance of biological health. The Otonabee is not nutrient rich. It is, however, fed by water from lakes that are becoming increasingly developed for summer and permanent residential purposes. Nutrient levels in these lakes will rise over time, thus increasing nutrient levels in the Otonabee. As summer temperatures rise, and flows diminish, the temperature of water in the Otonabee will likely increase. A sharply diminished flush rate, in combination with increased nutrient loads and water temperatures, suggest the pool between Locks 22 and 23 will be at risk of becoming brackish. At worst the pool could develop blue-green algae (cyanobacteria) blooms of the sort found in 151 lakes and rivers in Quebec this summer. Such a bloom would pose a serious threat to the water supply of Peterborough.

There is, we have suggested, an alternative way to approach the development that produces most of the benefits with far fewer environmental and social risks. Don't hesitate to contact me if you'd like further details of our position.

- John Bottomley, President, Peterborough Field Naturalists

Confirmed Breeding of Barn Owls in Ontario!

Biologists working in southern Ontario have recently confirmed that there is a pair of breeding barn owls with young in Haldimond County. This is the first confirmed breeding record for the species in Ontario since 1988!

MEMBER'S CORNER

This is a new Orchid section that we're trying this month. Member's Corner is open to any PFN member to submit questions and answers or announcements about nature in Peterborough and the surrounding area. Karen has posted a question below. Anyone who has an answer to Karen's question can e-mail me (rebecca.zeran@mail.mcgill.ca) by the deadline for the next Orchid.

We now have a bear who is a guest on our little cottage road on Stony Lake. The bear is a relatively new resident.

We have always loved to put out hummingbird feeders at our cottage and enjoyed the hummingbird activity; they are our most faithful migrants. However, the MNR says that this is a "no-no" because bears may drink the nectar, and we don't want to encourage the bear. Because we are not year-round residents, any plants that we put in at the cottage have to be really tough to survive without us for a few weeks at a time, in the summer. Do people have any ideas about how to attract and keep hummingbirds without attracting bears? --Karen Peckan



An Update from the Large Woodlands Conservation Cooperative

Gina Varrin, Coordinator, Large Woodlands Conservation Cooperative

The past summer has been busy for the Large Woodlands Conservation Cooperative (LWCC), and the third and final year of our Ontario Trillium Foundation funded program promises to be busier still. Working with the Caring for the Moraine Project in the Ganaraska Hills Area, Stewardship Councils, local Conservation Authorities, the LWCC contributed to a series of free stewardship workshops over the spring and summer. The development of outreach materials continued with the creation of a factsheet on forest health, the drafting of a Landowner Guide to Large Woodlands and Natural History Guide, and the completion of the fall 2007 newsletter. This winter we will be hosting a conference to inform municipalities and staff at land-use agencies of the importance of maintaining large woodlands, and the tools currently available to do so. The LWCC will also be contributing to a November series of workshops presented by the Peterborough County Stewardship Council, and the Lindsay Woodlot Conference in February.



CATERPILLARS



Monarch (*Danaus plexippus*)

One of our most well-known caterpillars, the Monarch larvae are found mainly on milkweed plants. They sequester cardiac glycosides from the milkweed leaves they consume. These glycosides are carried forward into both the chrysalis and adult stages, affording protection to the species through all its lifecycle stages.

Occurs: roadsides, fields, wet meadows, gardens, open habitats

Foodplants: milkweed, blue and sand vine

Photo: Rebecca Zeran



Black Swallowtail (*Papilio polyxenes*)

The Black Swallowtail flourishes around many types of human activity (including gardens), but, because the females only lay a few eggs in one place, the species rarely becomes a pest. Due to the shift away from agriculture in the Northeast, this species is becoming less common.

Occurs: open fields, farmlands, gardens, wet meadows, other open wetlands

Foodplants: carrot, celery, dill, fennel, parsley, Queen Anne's lace, rue

Photo: Micheal Butler



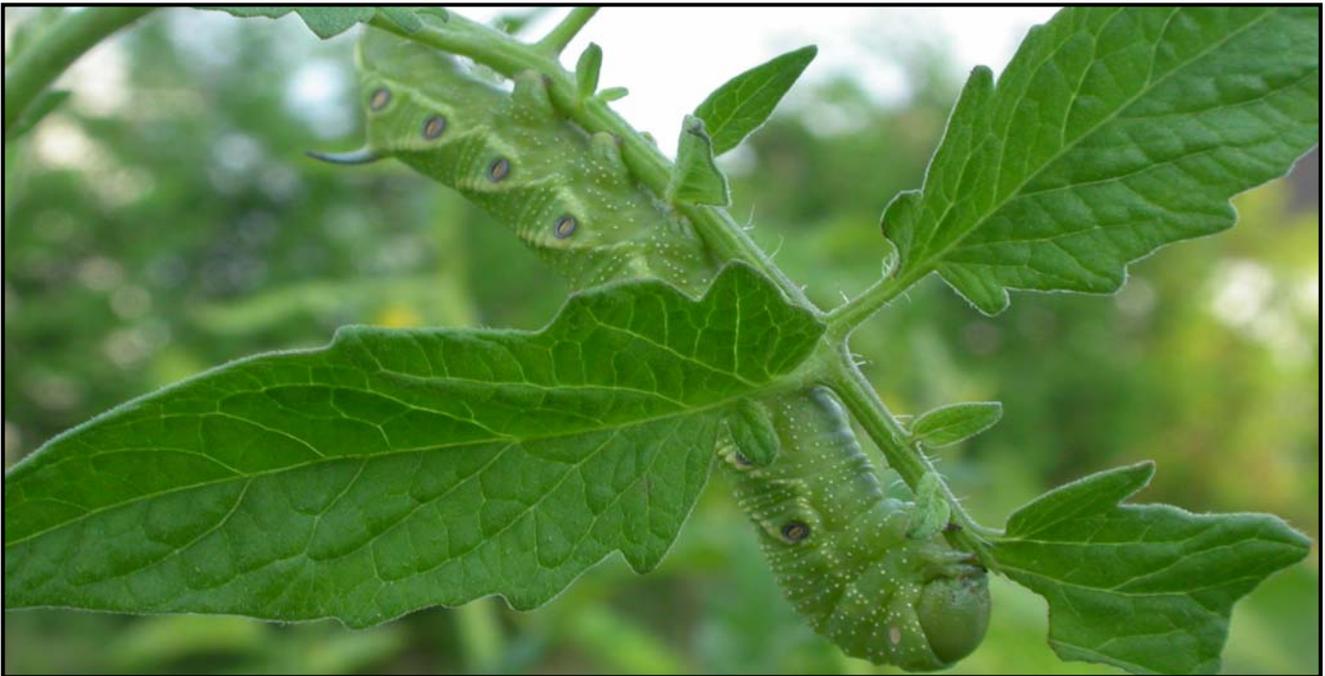
Io Moth (*Automeris io*)

These caterpillars bear many-branched, poison-filled spines that deliver a painful sting. The sting is roughly of the same intensity as that of stinging nettle but longer lasting.

Occurs: fields, woodlands, forests, edges of watercourses

Foodplants: aspen, birch, blackberry, cherry, clover, elm, oak, poplar, willow, and many other plants

Photo: Martha Allen



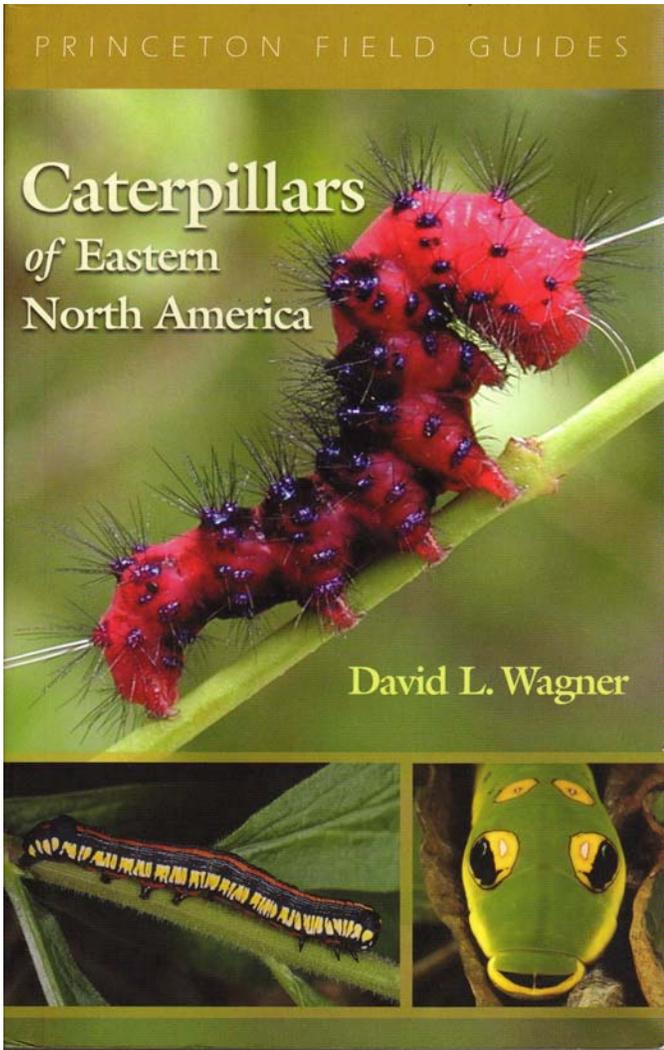
Tomato Hornworm / Five-spotted Hawk Moth (*Manduca quinquemaculata*)

Often found eating tomato plants, these caterpillars consume the leaves, green fruits, flowers and terminal shoots.

Occurs: gardens, fields, waste places

Foodplants: ground cherry, potato, tobacco, tomato, other members of the nightshade family

Photo: Rebecca Zeran



For more information

Want to know more about caterpillars? Want to be able to identify caterpillars in the field? Or how about knowing what butterfly or moth the caterpillar you've found will eventually turn into?

Check out "Caterpillars of Eastern North America" by David L. Wagner. Published in 2005 by Princeton University Press, this field guide provides full-page species accounts for almost 400 species of caterpillars, allowing you to identify the caterpillars of nearly 700 butterflies and moths that occur in the eastern part of North America. The guide provides colour photographs of caterpillars with inset photos of the adult phase of each species. Each species account provides information on distribution, seasonal activity, foodplants and life history. Much of the information provided for the four caterpillars featured above was extracted from this book.

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 November issue:
Friday, October 26th, 2007**

Please send all submissions to:
Rebecca Zeran, P.O. Box 345, Bridgenorth, ON, K0L 1H0
or via e-mail to: rebecca.zeran@mail.mcgill.ca



New Oak Ridges Moraine Foundation Website

- by Kim Gavine, Oak Ridges Moraine Foundation, posted to Ontario Nature Network News, September 17, 2007

The Oak Ridges Moraine Foundation is pleased to announce the launch of a new website dedicated to the protection and conservation of the Moraine for Life! www.moraineforallife.org. This website is an excellent resource tool for all; Oak Ridges Moraine landowners, stakeholders and the general public.

- As a Moraine landowner, you can find out if you live on the Moraine and if so, how living on the Moraine affects you. You can also find information about agencies and resources available to help you restore and enhance your property.
- As a stakeholder, you can list Moraine-related events or programs in the website's "News/Events" section as well as showcase work your organization has done on the Moraine.
- As the general public, you can learn why the Moraine is so significant by browsing the "Explore" section which includes information about special places on the Moraine and the faces that call it home.

Highlights!

- Go exploring on the Interactive Map and find out about the Moraine's special spaces and places.
- Go back in time and find out how the Moraine was formed through a Moraine formation animation.

This website was created for everyone with an interest in the Oak Ridges Moraine with hope it can be an evolving education resource well into the future. We hope you enjoy the site and would welcome any comments. Please direct your comments to support@ormf.com.



COMMITTEE MEMBERS

President	John Bottomley – 572 Charlotte Street, Ptbo, K9J 2W6	johnbottomley@sympatico.ca	742-1524
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Treasurer	Jim Young – 1269 Pulpit Rd, Ptbo, K9K 1H4	jbyoung@sympatico.ca	745-1398
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The ORCHID DIARY for 1 June - 26 September 2007

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

Reports were sparse during the summer period, with many of the reports being for butterfly sightings from Jerry Ball as they emerged for the season.

- Jun 01 Jerry Ball (JB) found his first **Grey Comma** of the year on Fire Route 84 off Sandy Lake Rd.
- Jun 03 Along the rail trail between Cameron Line and Blezard Line JB recorded **Northern Crescent**, **Viceroy**, **Least Skipper**, **Silver-spotted Skipper**, and **Pearl Crescent** butterflies. He also saw a **Mink**.
- Jun 06 Cathy Darevic and Simon Dodsworth led eight naturalists to Herkimer Point on Rice Lake. They found 38 bird species, with notable sightings being **Double-crested Cormorant**, **Northern Harrier**, and **Wilson's Snipe**. Rick Stankiewicz reported an influx of large **Snapping Turtles** nest building in the Campbelltown area of the Otonabee River south of Cty Rd 2. Tony Bigg with the assistance of Anne Anthony ran a Breeding Bird Survey route starting at the parking lot in the Petroglyphs PP and finishing on Cty Rd 46 just north of Twin Lakes. In the 50 stops at 0.8km intervals they noted 71 species in a total of 745 birds. Of note were **American Bittern**, **Yellow-billed Cuckoo**, a record 12 **Yellow-bellied Sapsuckers**, **Mourning Warbler**, and **Blue-winged Warbler** (new for the survey). Baltimore Oriole was missed for the first time on the survey.
- Jun 07 Michael Butler heard a **Blue-winged Warbler** song on E Dummer Lake Rd near Cty Rd 6. He could not confirm the identity with a visual sighting (note that Golden-winged and Blue-winged Warblers will sing each others songs). JB had a **Harris' Checkerspot** on Coon Lake Rd.
- Jun 10 Again Tony Bigg with the assistance of Anne Anthony ran a Breeding Bird Survey route starting at Birdsall Line/Cty Rd 2 and finishing at Cty Rd 6/Cty Rd 40 junctions. They noted 82 species in a total of 1036 birds. Of note were 3 **American Bitterns**, **Green Heron**, **Goshawk** (first for the survey), **Upland Sandpiper**, **Black-billed Cuckoo**, **Yellow-billed Cuckoo**, **Common Raven**, **Eastern Bluebird**, **Blue-headed Vireo**, and **Vesper Sparrow**.
- Jun 12 On the rail trail between David Fife Line and Settlers Line JB found his first **Bronze Copper** of the year.
- Jun 13 On the rail trail between Cameron and Blezard Lines JB found a **European Skipper**.
- Jun 15 JB found a rare (for this area) **Bog Fritillary** in a bog off Beaver Lake Rd. He also had his first-of-the-year **Aphrodite** (Salmon Lake Rd) and **Great Spangled Fritillaries** (Charlie Allen Rd).
- Jun 16 A **Peck's Skipper** by JB along the Jackson's Park trail.
- Jun 17 On Charlie Allen Rd JB Had an **Eyed Brown**.
- Jun 18 JB had a **Pink-edged Sulphur** on Sandy Lake Rd. He also had a **Black Bear** on Division Rd and a **Mink** by the Indian River.
- Jun 21 JB found a **Northern Pearly-Eye** on Long Lake Rd, and a **Two-spotted Skipper** on Jack Lake Rd.
- Jun 22 JB counted (estimated?) 27,622 butterflies along Charlie Allen Rd of which 26,000 were European Skippers.
- Jun 28 JB added **Common Wood Nymph**, **Dun Skipper**, and **Acadian Hairstreak** to his year's total, on Charlie Allen Rd. He also added **Compton Tortoiseshell** and **Atlantis Fritillary** on the Galway-Cavendish Forest Access Rd.
- Jul 01 JB found both **Edward's Hairstreak** and **Striped Hairstreak** on Sandy Lake Rd.
- Jul 05 On the rail trail between Cameron Line and Blezard Line JB had a **Delaware Skipper**.
- Jul 06 JB added **Eastern Tailed Blue** and **Eastern Tiger Swallowtail** on the rail trail between David Fife Line and Settlers Line
- Jul 07 On Cty Rd 46 south of Twin Lakes JB found a **Broad-winged Skipper** and a **Dion Skipper**
- Jul 09 JB found a **Mulberrywing** on Jack Lake Rd.
- Jul 10 Both **Green Comma** and **Coral Hairstreak** were added to JB's year list, in the Petroglyphs PP.
- Jul 13 A **Painted Lady** was found by JB on Cty Rd 46 near Sandy Lake Rd
- Jul 16 The small **Bog Copper** was found by JB on Sandy Lake Rd. Tony Bigg found an **Appalachian Brown** on Puffers Shore Rd of Cty Rd 6.

- Jul 21 The Petroglyphs Butterfly Count, run by Jerry Ball, resulted in a total of 52 species, a little above average, including two new species for the count - **Milbert's Tortoiseshell** (Petroglyphs PP parking lot) and **Common Buckeye (Jack Lake Rd)**. A total of 4177 butterflies were counted, of which 1799 were **Dun Skippers**. Other sightings on the day by Tony Bigg included a den of **Garter Snakes** near Irwin Inn on Stoney Lake, and two adult female **Wild Turkeys** with nineteen young turkeys
- Aug 04 Andrew Bigg reported the first record of a **Giant Swallowtail** for Peterborough County, in his garden on Burnham St. (The butterfly returned later on Aug 10 and a photograph was obtained for the records).
- Aug 13 D'Avril Allen, whilst watching the night sky and the Perseids at 4a.m., heard a **Wolf** pack howling north of Cty Rd 36, west of Burleigh Falls.
- Aug 28 On Sandy Lake Rd JB found ten warblers within 20m - **Black-throated Green Warbler, Blackpoll Warbler, Nashville Warbler, Black-throated Blue Warbler, Black-and-White Warbler, Pine Warbler, Magnolia Warbler, Yellow-rumped Warbler, Blackburnian Warbler, and Yellow Warbler**. He also had **Scarlet Tanager, Yellow-bellied Sapsucker, Blue-headed Vireo, Red-eyed Vireo, and Eastern Phoebe**, amongst other more common species.
- Aug 30 J. Philpott notes the arrival of **Common Nighthawks** on the north shore of Buckhorn Lake.
- Sep 01 JB watched two **Great Egrets** on Beardsmore Rd south of Peterborough. Rick Stankiewicz spotted another **Great Egret** in a pond off the old Keene Rd south of Assumption. Drew Monkman notes the arrival of **Purple Finches** to the Peterborough area with three or four at his feeder on Maple Crescent and four flying over Edmison Heights School.
- Sep 02 Dave and Sherry Hambly found seven **Great Egrets**, two **Green Herons**, and two **Great Blue Herons** in the Beardsmore Rd ponds
- Sep 03 Again on Beardsmore Rd JB found five **Great Egrets**, three **Greater Yellowlegs**, four **Lesser Yellowlegs**, two **Spotted Sandpipers**, two **Green Herons**, and six **Great Blue Herons**. Don Sutherland also noted one **Great Egret** in a pond off Old Keene Rd just south of Assumption. Don also noted the many prolonged shrill calls of the **Carolina Ground Crickets**. Karen Peckan had, among many other birds, a **Canada Warbler** and a **Wilson's Warbler** at their cottage on Stoney Lake
- Sep 06 Walking in the Trent University Nature Sanctuary, Don Sutherland found two **Common Buckeye** butterflies. He also noted **American Redstart, Eastern Wood-Pewee, and Rose-breasted Grosbeak**. In the David Fife Line/Settlers Line area, JB saw a **Lincoln's Sparrow** and a **Palm Warbler**.
- Sep 07 Walking the rail trail south of Hwy 7, JB found six **Common Buckeye, Pearl Crescents, Bronze Copper** and **Least Skipper** butterflies.
- Sep 14 Andrew Jobs and Sue Prentice had a **Scarlet Tanager** visit them at their house on Rogers Street in East City. Myles Falconer and the Trent University Ornithology Class birded the campus and Millers Creek CA. A total of 39 species were seen including **Double-crested Cormorant, Northern Harrier, Sharp-shinned Hawk, Red-tailed Hawk, Philadelphia Vireo, Red-eyed Vireo, Red-breasted Nuthatch, Gray Catbird, Tennessee Warbler, Nashville Warbler, Chestnut-sided Warbler, Magnolia Warbler, Yellow-rumped Warbler, Black-throated Green Warbler, Blackburnian Warbler, Palm Warbler, Cerulean Warbler (male), American Redstart, Common Yellowthroat, Scarlet Tanager, Swamp Sparrow, White-throated Sparrow, Rose-breasted Grosbeak, and House Finch**.
- Sep 17 Myles Falconer had at least two **Pine Siskins** flying over his house on Young's Point Rd as well as dozens of small flocks of **Purple Finches**.
- Sep 19 Michael Butler had two **Evening Grosbeaks** at his feeder near Mt. Julian. Myles Falconer and the Trent Ornithology Class found 33 species of birds around the campus and Millers Creek CA. Of note were **Double-crested Cormorant, Northern Harrier, Merlin, Killdeer, Blue-headed Vireo, Red-eyed Vireo, Red-breasted Nuthatch, Ruby-crowned Kinglet, Gray Catbird, Cedar Waxwing, Nashville Warbler, Yellow-rumped Warbler, Common Yellowthroat, Swamp Sparrow, White-throated Sparrow, Rose-breasted Grosbeak, Rusty Blackbird, and Purple Finch**.
- Sep 22 JB had four more **Common Buckeye** on Jack Lake Rd
- Sep 23 On the rail trail between Cameron Line and Villiers Line JB found a **Tennessee Warbler, Ruby-crowned Kinglet, Golden-crowned Kinglet, Field Sparrow, Yellow-rumped Warbler, and Dark-eyed Juncos**.
- Sep 24 On the rail trail between David Fife Line and Settlers Line JB found **Philadelphia Vireo** and **Blue-headed Vireo**, in addition to most of those birds seen yesterday. He also had a **Blue-winged Teal** on Dillon Rd, east of Assumption.
- Sep 26 JB found a **Red-bellied Snake** on the Rotary Trail in Jackson's Park.

MEMBERSHIP

Memberships may be obtained at the monthly meeting or by mailing a copy of the application form below to:
Don Pettypiece, 18 Parkview Dr, Peterborough, Ontario, K9H 5M6

Name(s) _____

Address _____

Tel. Home _____ Work _____ Email _____

Type of Membership and Fee Schedule (2007) – 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 _____