

The

Orchid



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Know • Appreciate • Conserve Nature in All Its Forms



Goldenrod Crab Spider Lying in Wait Amongst the Common Milkweed Flowers. Photo: Don McLeod

Inside:

Petroglyphs Butterfly Count Results

Reports on Ferns, Peter's Woods, Breeding Birds and Butterfly Outings

Read All About the Great Autumn Outings Lined-up

In this Issue:

PFN Coming Events.....	3
PFN Junior Field Naturalists.....	5
Other Events of Interest.....	5
New President's Message.....	6
From the Archives.....	7
Mystery Critter.....	8
PFN Awards at Regional Science Fair.....	8
Outing Report: Peter's Woods	7
Outing Report: Breeding Birds.....	9
Outing Report: Butterflies Along the Lang- Hastings Trail	11
Outing Report: Butterflies at Sandy Lake Rd.....	12
Outing Report: Ferns at Warsaw Caves	13
Results of the Petroglyphs Butterfly Count	14
The Monarch Ultra.....	18
Now I See The Sun (Poem).....	19
Results of the Harper Park Challenge	19
The Orchid Diary	20


Welcome new PFN members!


- Marci Lucas & Bob Godkin & junior Corwin Godkin
- Colleen Lynch
- Larry John MacKay
- Tasmin Ranotte & junior Sacha Rajotte
- Ian D Toms
- Danielle Tassie & junior Joseph Peterson
- Maha AL-Beitawi & juniors Hadi Batayneh, Samihah Bataineh, Amin Bataineh
- Gisele Roy
- Andrew Laing



Clockwise from left: Two Common Loons on South Bay, Stoney Lake (Cathy Douglas), Eastern Kingbird at Carden Alvar with Prairie Smoke (C. Douglas), Peregrine Falcon at Anstruther Lake (Robert Pratten), and Bumble Bee and Acadian Hairstreak Butterfly on a Common Milkweed flower on Sandy Lake Road (Rene Gareau)



PFN Coming Events	
<p>Sunday, Sept. 1 8 to 11 a.m. Meet at Riverview Park and Zoo north parking lot</p>	<p>Birds and Butterflies of the Lang/Hastings Trail</p> <p>Jerry Ball will lead the first of the fall outings: a walk along part of the Lang/Hastings Trail looking for migrating birds and butterflies.</p> <p>Accessibility: Easy</p>
<p>Sunday, Sept. 8 8 to 11 a.m. Meet at zoo: north parking lot</p>	<p>Sunday Morning Birding</p> <p>Drew Monkman, the leader this week, will focus on migrating birds and other features of early fall. The destination(s) will be determined that day.</p> <p>Accessibility: Easy</p>
<p>Wednesday, Sep.11 7:30 p.m. Camp Kawartha Environment Centre 2505 Pioneer Road</p>	<p>Monthly Meeting: Best Places to Bird in Ontario</p> <p>Mike Burrell, co-author of Best Places to Bird in Ontario, will be the speaker. This guide, released last spring, outlines the top 30 birding destinations in Ontario, with up-to-date information on hard to find species, directions, birding tips and much more.</p> <p>Mike Burrell is a birder par excellence, he thinks he has been interested in birds since he was able to lift up a pair of binoculars. He didn't get serious about birds until he was 15 after he attended the Doug Tarry Young Ornithologists Internship at Long Point Observatory. Since then it has been all birds, all the time. He has worked at Long Point Bird Observatory, with several environmental consulting firms, with Bird Studies Canada and now is with the Natural Heritage Centre. For the past 21 years, with his father and his brother Ken, he has participated in the Great Canadian Birdathon collectively raising \$37,000 to support the work of Bird Studies Canada and other conservation organizations and projects.</p> 
<p>Sunday Sep. 15 1:00 to 4:30 p.m. Meet at public parking lot on Crawford Drive at Harper Road</p>	<p>Ballyduff Trails Nature Walk</p> <p>Don McLeod will lead a nature walk along the Ballyduff Trails near Bethany. We will be looking for birds plus wildlife tracks and sign. These trails and the scenery are beautiful! This year we will take the trails one way rather than doubling back and will arrive at South Pond Farms to organize the shuttle. No big uphill climb like last time!</p> <p>The Ballyduff Trails are on private property owned by Ralph McKim and Jean Garsonnin. They have generously offered their trails to the public through an agreement with the Kawartha Land Trust: https://kawarthalandtrust.org/?post_type=property&p=103. Thanks also to South Pond Farms for allowing us to park our shuttle vehicles and access to the trail around their pond.</p> <p>Meet at the public parking lot on Crawford Drive, at the end of Harper Road and just off the Parkway and Sir Sandford Fleming Drive. From the parking lot, it is about a half hour drive to the outing location. We plan to arrive around 1:30 p.m. at the Ballyduff Trails location: https://goo.gl/maps/7cmhgeMD6Ty. Keep in</p>

PFN Coming Events	
	<p>mind that when we arrive, there will be some time required for shuttle vehicles being driven to South Pond Farms.</p> <p>The expected time back at the Crawford Drive parking lot is between 4:00 and 4:30 pm. Optional items to bring include binoculars and camera. Accessibility: Moderate. There is some uphill walking. Walking distance is about 5 km.</p>
<p>Sunday, Sept. 22</p> <p>8 to 11 a.m.</p> <p>Meet at Country Style at Hwy 7 and Old Keene Road east of the City</p>	<p>Migrating Birds of The Rice Lake area</p> <p>Dave Milsom and Matthew Tobey will lead us to the birding hotspots around Rice Lake. Migration will be well underway, with the potential to find good numbers of birds. Accessibility: Easy</p>
<p>Sunday, Sept. 29</p> <p>8 to 11 a.m.</p> <p>Meet at the Cavan Carpark/GO Bus Stop</p>	<p>Walking the Millbrook Valley Trails</p> <p>Led by Lynn Smith, this outing will include a few car stops and a hike along part of the Millbrook Valley Trail system. There will be an opportunity to practice your skills using iNaturalist so for those interested, please bring cell phones and download the iNaturalist app. A second app called Seek, also created by the iNaturalist team, is now available to download. It looks very interesting for identifying plants.</p> <p>Bring binoculars, snacks and water. Accessibility: a combination of easy to moderate, as there is some hilly terrain.</p> <p>Meet at the Cavan Carpark/GO Bus Stop: From Peterborough take Hwy 115 south and exit at County Rd 10/ Millbrook Cavan (Exit #38). Come to a stop sign. Go straight and the carpool lot is on your left, on Syer Line.</p>
<p>Saturday, Oct. 5</p> <p>1 to 4 p.m.</p> <p>Riverview Park and Zoo, Water Street North</p>	<p>Do You Like Rocks and Geology?</p> <p>Ken Lyon, P.Geo., is leading a half-day, old-fashioned road trip north of the City of Peterborough. We will explore geological features going back a billion years in The Land Between, one of the most priceless natural heritage areas in Ontario. Stops will include Burleigh Falls, the Great Unconformity between Precambrian and Ordovician rocks at Galesburg and either Lakefield or Warsaw Caves. There are lots of Pleistocene glacial features along the way. Details, including a road log, will be posted on the PFN website before the end of September. This trip complements Ken's monthly meeting presentation on Oct. 9. There's not a lot of walking but wear sturdy footwear and dress appropriately for the weather. Also, please bring gas money if you want to car share. Accessibility: Easy</p>
<p>Sunday, Oct. 6</p> <p>1 to 4 p.m.</p> <p>Meet at the main door of the Life Sciences Bldg.</p>	<p>It's Mushroom Season</p> <p>Please join amateur mycologists Susan Chow and Radek Odolczyk for an intro to fungal taxonomy and macroscopy in the lab followed by a field visit to Mark S. Burnham Woods to investigate fungal ecology and their role in forest ecosystems. "We are fascinated by the fungal realm and are excited to share our special interest with anyone who cares to join us!" Accessibility: Easy</p> 

PFN Coming Events

<p>Wednesday, Oct.9 7:30 p.m. Camp Kawartha Environment Centre 2505 Pioneer Road</p>	<p>Monthly Meeting: Geological Features of The Land Between</p> <p>The area north of the City of Peterborough contains a fascinating array of natural geological heritage features that span a billion years. Ken Lyon, hydrogeologist and PFN member, will introduce rocks of the core of ancient Canadian Shield mountains, plate tectonics and limestones and fossils of the shallow warm Ordovician seas, and Pleistocene drumlins and other physiographic features left by the glaciers. Ken is a graduate of Princeton and Queen's Universities and a charter member of Professional Geoscientists Ontario. A complementary half-day field trip is being held on Saturday, Oct. 5.</p>
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PFN Junior Field Naturalists (ages 5-12)

<p>Saturday, Oct.5 10:30-noon Kawartha Heights Park 2229 Kawartha Heights Blvd</p>	<p>BioBlitz at Kawartha Heights Park</p> <p>Let's identify all kinds of plants and animals. It's active exploration and learning. We'll wander through the park and learn how to use field guides and iNaturalist to identify and document the species we find. Plants will be our main focus since they stay still while you take pictures, but we'll also dabble with insects and other life. Open exploration is the focus.</p> <p>The PFN Juniors segment is part of a broader BioBlitz at the park coordinated by GreenUp. Anyone is welcome to join other parts of the blitz too, which are targeted toward specific groups of animals and plants with expert guides.</p> <p>For more information, please visit: https://peterboroughnature.org/event/pfn-juniors-bioblitz-at-kawartha-heights-park-sw-ptbo/</p>
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Other Events of Interest

<p>Friday, Sept. 20 10 a.m. to 2 p.m. Goodrich-Loomis CA, 1331 Pinewood School Rd., Brighton</p>	<p>Seed Collection Workshop: Goodrich-Loomis Conservation Area</p> <p>Help collect native tallgrass seeds to be used for future plantings at the restored prairie and savanna site. Make a seed bomb to take home. Event offered in partnership with the Nature Conservancy of Canada. <i>Registration required.</i> Register with Ewa Bednarczuk, Ecology & Stewardship Specialist, at ewa.bednarczuk@LTC.on.ca, or 613-394-3915 x 252.</p>
<p>Saturday, Sep.21 9 a.m. to 3:30 p.m. Thickson's Woods Nature Reserve, Whitby</p>	<p>Birds, Beavers and Butterflies Nature Festival</p> <p>Learn about nature from the experts!</p> <p>Enjoy exciting activities - fun for all the family! Astronomy/Solar observing ~ Bugs and botany ID ~ Bird banding ~ Beekeeping ~ Geology ~ Guided nature walks ~ Hammer with Home Depot ~ Wildlife Shows at 10:00 a.m. Noon and 2:00 p.m. ~ Max the Magnificent 11:00 a.m. ~ Silent auction ~ Yummy bake sale ~</p>

Other Events of Interest

Refreshments for purchase ~ Nature art & gifts ~ Face painting ~ Wishing tree ~ Hawk Watch ~ Lunchtime Nature Concert

Adults \$5, Kids \$2, Families \$10 (Cash only). All Proceeds support Thickson's Woods Nature Reserve. Please note that for the protection of wildlife, dogs are not allowed in the nature reserve. Please visit http://www.thicksonswoods.com/whats_new.html for more information.

Kawartha Land Trust Events

- Sep. 22: Fleetwood Hills Hike | Nature Connection
- Sep. 28: Pine Ridge Open Gate | Nature Connection
- Oct. 5: Prairie Seed Collecting | Volunteers Needed
- Oct. 10: KLT's Annual Thanks.Giving

To sign-up and for more information email pwilson@kawarthalandtrust.org or call the KLT office at 705-743-5599. To find out about more upcoming KLT events including volunteer work parties please visit http://kawarthalandtrust.org/?post_type=event



New President's Message

Hello Members of the Peterborough Field Naturalists,

I trust all of you have had an excellent summer with plenty of outings and many stories to share. This club is truly something special and has much to show for the last 80 years of its service to the Peterborough community. The stories we share and the work our club has done has inspired new generations of nature lovers, scientists, and artists in Peterborough and beyond. As the incoming president of the Peterborough Field Naturalists, I consider it a great privilege to fill the role in such a storied organization.

Over the course of my tenure on our board, we have witnessed a great deal of change which we are continuing to face head-on. This change comes both from within our club and in our surrounding environment. Enthusiasm for participating in our outings and events is at an all time high, with skyrocketing growth in membership and event participants. We are also likely facing a period of change in our community as well, with projected growth in Peterborough's population and an ever-changing climate. Our board has been actively engaging in solutions and discussions about how we might address these changes in the coming years.

Despite these changes, I believe that our increased community profile is largely because at the end of each day, we are a community of naturalists passionate about knowing, appreciating, and protecting the places and species that we love. If we can continue to project this passion into Peterborough, it is my hope that we may continue to share our story with a growing number of people in Peterborough while staying true to our naturalist roots.

Dylan Radcliffe, President



Photo: Dylan Radcliffe

From the Archives

Submitted by Martin Parker

Butterfly Count -- June 27, 1998 -- Petroglyphs Provincial Park by Drew Monkman

From *The Orchid*, Volume 44, Number 7, September 1998

A few of the comments from the article by Drew Monkman on the initial Petroglyphs Butterfly Count are reproduced here. Check out this year's results further on in this issue of The Orchid.

Random notes from a neophyte in the art of observing butterflies:

- I was amazed by the abundance of European Skippers. One large patch of Viper's Bugloss, maybe 10 meters long, must have contained over 500 of these tiny butterflies. Some individual plants of bugloss had over two dozen individuals.
- White Admirals were seen at almost every stop and allowed close approaches.
- The most beautiful butterfly of the day? A toss-up between the Coral Hairstreak and the Bronze Copper (especially because of the contrast between the underside of the forewing and hindwing)
- A total of 41 species were seen by the four parties. A total of 3,376 individuals.

James Kamstra said we have a great list for our first year. He personally was pleased to see the Two-spotted Skipper which are seen at only a handful of counts in North America.

Editorial Note: James Kamstra is the Eastern Canada editor for the North American Butterfly Association Butterfly Counts Report.

Outing Report for June 15: Peter's Woods

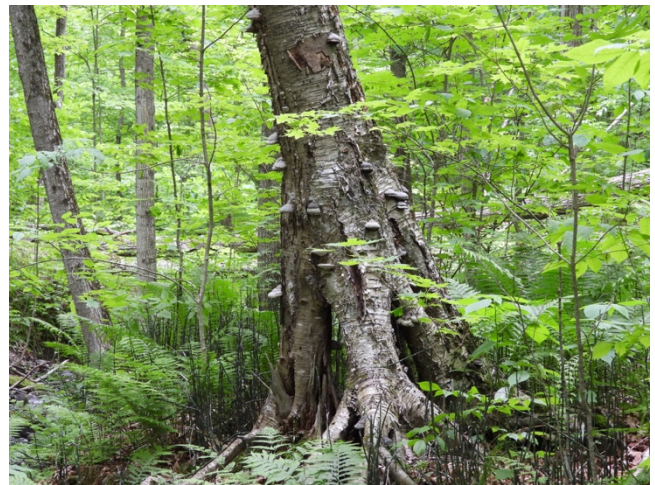
Submitted by Don McLeod

Fifteen members and guests of the Peterborough Field Naturalists (PFN) made their first club visit to Peter's Woods Provincial Nature Reserve in Roseneath. Carling Dewar of Ancient Forests Exploration & Research and Sue Paradisis led the outing which gave members a glimpse into an old growth forest habitat that harkens back to the past. Some of the trees have been dated to an age of between 400 and 500 years of age.

Some of the largest trees were White Oak, Sugar Maple and Eastern White Pine. Other tree species of note included Red Oak, American Beech, Basswood, Yellow



Outing leaders Carling Dewar and Sue Paradisis. Photo: Don McLeod



A Yellow Birch that has outgrown the stump or log it likely began life on, which has rotted away, leaving the tree with stilt-like roots. Photo: Don McLeod

Birch, White Birch and Eastern Hemlock. Many species of plants were observed directly along the trail.

Birds identified by sight and/or sound included: Turkey Vulture (1), Yellow-bellied Sapsucker (3), Eastern Wood-Pewee (2), Red-eyed Vireo (6), Blue Jay (1), Black-capped Chickadee (3), Veery (2), Wood Thrush (1), Ovenbird (2), Pine Warbler (2), and Northern Cardinal (1)

Mystery Critter

Submitted by Sue Paradisis

Over the summer, the PFN was contacted through our Facebook page by Debbie Meert. She messaged, "I'm wondering if you can help me identify this little fellow who is in my kitchen this morning! I live in a rural area near Ilderton. I can only find skinks and salamanders online, but this guy looks more lizard-like."

Given my interest in reptiles and amphibians, I decided to respond. I took a picture of her message and put it on good old iNaturalist and it told me it was an Anole. A little research later and I was able to get



Baby anole. Photo: Debbie Meert



By coincidence, just a few days after Sue sent in this story, the above image of a pair of male and female Ecuadorian horned anoles was featured on the Bing search engine webpage. © James Christensen/Minden Pictures

back to Debbie and tell her it was a species from the southern US and the tropics that is often kept as a pet. I suggested it was a hitchhiker or escapee. She then wanted to know what to do with it. I cautioned her not to release it as it would compete with native species in the summer and would not survive the winter, and did she know someone who might have an interest in keeping it as an aquarium pet.

Several days later, my curiosity prompted me to message her to see what happened. She told me she took it to a family-run pet shop in London that specialized in reptiles and it is being well cared for by their lizard guy. He said it was only a week old so possibly came in on bananas or hatched from an egg on the lime tree she bought. Happy ending for the little Anole.

Peterborough Field Naturalists Awards at Peterborough Regional Science Fair

Submitted by Martin Parker

Each year, the Peterborough Field Naturalists sponsor four special awards at the Peterborough Regional Science Fair. The award is for projects that increase interest in and stimulate study in nature and wildlife, environment, conservation, pollution research and restoration of ecosystems. Each winner received a cash award of \$25, a copy of the PFN publication *Mammals of Peterborough County* and the April issue of *The Orchid*. Funding for PFN Awards is from the PFN Legacy Fund.

The 2019 winners of the PFN Award were:

Junior Level - Grades 7 and 8

- Shaun Plassery from Catherine Catholic Elementary School for "Slick Sorbents for Ocean Oil Spills: Using Hair, Wool & Jute to Naturally Clean up Oil in Salt Water."
- Riley Smith from Queen Mary Public School for "Aspirin - Helping your Headache, Heart and Harvest?"

Elementary Level - Grades 4 to 6

- Nia Georg from Kawartha Heights Public School for "Do you know which way they neigh?"
- Islay Moore from North Cavan Public School for "Nano silver effects on the environment"

Canada Wide-Science Fair

Shawn Plassery's project was one of the three projects selected to represent the Peterborough Regional Science Fair to attend the Canada Wide-Science Fair, which was held in Moncton, New Brunswick in May 2019. At the Canada-wide Science Fair he was a silver medal winner.

Thank-you

Excerpts from Shawn Plassery's thank you to PFN: "I wanted to thank you from the bottom of my heart for giving me this award." "I hope you know this award helps many youth find their love for science and it fosters learning through commitment, collaboration and competition."

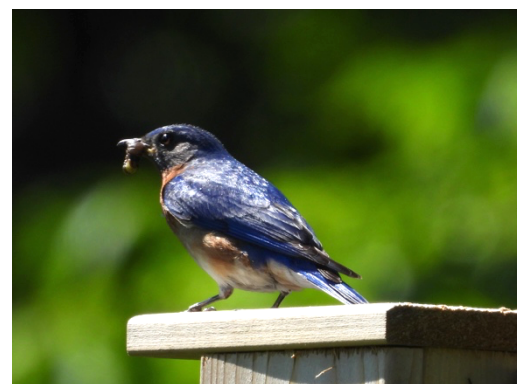
Outing Report for June 30: Breeding Birds

Submitted by Don McLeod and Dave Milsom

Members of the Peterborough Field Naturalists had a great morning of birding led by Dave Milsom and Matthew Tobey on June 30. The group of thirteen visited multiple locations consisting mostly of brief stops and one 2.5 km walk. Weather conditions were comfortable with moderate temperatures and mostly sunny skies, but the wind was sufficient to make it difficult to hear bird sounds. Bird data was recorded on eBird by Matthew Tobey. Highlights for the outing were Cliff Swallows, Golden-winged Warblers and the Red-shouldered Hawk nest and juveniles. Among several species of butterflies recorded by Jerry Ball were the Little Wood Satyr and White Admiral.

The first stop was the Rotary Greenway Trail Bridge near Trent University where there is a colony of about 40 Cliff Swallows. Numerous nests are located underneath the bridge which offers protection from the elements. The steel structure design has almost the perfect arrangement for the Swallows to build their nests. Many of the nests were active with nestlings being fed by adults. While most of us were gazing at the colony, Dave and Matthew continued recording birds to raise the species count at this location to 13: Rock Pigeon (3), Ring-billed Gull (2), Eastern Kingbird (1), Warbling Vireo (2), Cliff Swallow (40), House Wren (1), American Robin (1), European Starling (2), Cedar Waxwing (3), Song Sparrow (1), Baltimore Oriole (1), Red-winged Blackbird (1), Common Grackle (2), Common Yellowthroat (1), Yellow Warbler (1), Northern Cardinal (1).

Our anticipation of hearing the Cerulean Warbler along Deer Bay Reach Road was high but unfortunately the windy conditions made it difficult to hear bird song. We persisted at that location long enough to pick up 21 other species: Turkey Vulture (1), Broad-winged Hawk (2), Yellow-bellied Sapsucker (2), Downy Woodpecker (1), Northern Flicker (1), Eastern Wood-Pewee (3), Eastern Phoebe (1), Great Crested Flycatcher (1), Eastern Kingbird (1), Red-eyed Vireo (8), Blue Jay (3), Black-capped Chickadee (2), American Goldfinch (1), Chipping Sparrow (3), Field Sparrow (2),



No newfangled plant-based meat substitutes for these birds' young ones. From top: Great Crested Flycatcher, Scarlet Tanager, and Eastern Bluebird. Photos: Don McLeod

Song Sparrow (4), Ovenbird (6), Black-and-white Warbler (1), American Redstart (4), Scarlet Tanager (1), Indigo Bunting (1).

The wetland along County Rd 36 north of Jack Hills Rd produced 14 species: Mourning Dove (1), Great Blue Heron (1), Broad-winged Hawk (1), Belted Kingfisher (1), Pileated Woodpecker (1), Northern Flicker (1), Warbling Vireo (1), American Goldfinch (1), Song Sparrow (1), Red-winged Blackbird (17), Common Grackle (5), Ovenbird (2), Common Yellowthroat (1), Yellow Warbler (1). We also observed a Beaver lodge in the wetland.

There was a brief stop at the south end of Mt Julian Viamede Rd where it meets Stony Lake. From there we could look through binoculars and spotting scopes to view Gulls and Vultures at the far side of the lake. A few Barn Swallows were active around the buildings at Viamede Resort. The tally of 18 species included: Mallard (1), Ring-billed Gull (120), Herring Gull (30), Caspian Tern (1), Common Loon (1), Double-crested Cormorant (8), Turkey Vulture (8), Red-eyed Vireo (1), Common Raven (8), Barn Swallow (3), Black-capped Chickadee (1), American Robin (2), European Starling (4), American Goldfinch (1), Chipping Sparrow (2), Song Sparrow (1), Ovenbird (1), Common Yellowthroat (1).



Two juvenile Red-shouldered Hawks perched on a branch below their nest. Photo: Don McLeod

The best birding of the morning took place at the Kawartha Land Trust Ingleton-Wells property and along the Stony Lake Trails. Several birders added Golden-winged Warbler to their life list. We were also treated to good views of Eastern Bluebird and Great Crested Flycatcher tending to their nests. Nine species of Warblers was a good count. But the highlight for many of us was a clear view of the nest and two juvenile Red-shouldered Hawks. The total number of species for this area was 34: Turkey Vulture (1), Osprey (1), Red-shouldered Hawk (2), Yellow-bellied Sapsucker (4), Downy Woodpecker (2), Northern Flicker (1), Great Crested Flycatcher (4), Red-eyed Vireo (12), Blue Jay (6), American Crow (1), Black-capped Chickadee (6), White-breasted Nuthatch (1), Winter Wren (1), Eastern Bluebird

(2), Veery (1), American Robin (1), American Goldfinch (1), Chipping Sparrow (4), Field Sparrow (1), Song Sparrow (10), Swamp Sparrow (3), Eastern Towhee (1), Red-winged Blackbird (4), Common Grackle (4), Ovenbird (6), Golden-winged Warbler (2), Black-and-white Warbler (3), Nashville Warbler (1), Mourning Warbler (1), Common Yellowthroat (4), American Redstart (2), Chestnut-sided Warbler (3), Black-throated Green Warbler (1), Indigo Bunting (2).

On the return trip, a Northern Harrier was observed along Buckhorn Rd at the 12th Line of Smith. At Nephton Ridge, we observed Pileated Woodpecker, Chestnut-sided and Black and White Warblers, while at the Dummer Alvar there was Wilson's Snipe, Clay-colored Sparrow, Eastern Meadowlark and Bobolink. Our final stop at the Trent University Wildlife Sanctuary resulted in us finding the known Red-headed Woodpecker in the maple swamp as well as several Great Blue Herons on the nest.

Outing Report for July 7: Butterflies Along the Lang-Hastings Trail

Delayed Spring - Delayed Butterflies

Submitted by Martin Parker

Nineteen members and friends of the PFN participated in the second annual butterfly identification walk along a section of the Lang-Hastings Trail. The trip started from the trail crossing on Cameron Road and we walked eastward almost to Peterborough County Road 38. Participants were introduced to various species of butterflies by leader and butterfly enthusiast Jerry Ball.

This year the participants collectively observed 17 species of butterflies, consisting of 68 individuals. Last year the participants of this trip observed a total of 27 species. The delayed spring this year has resulted in a delayed emergence of adult butterflies. For example no Mustard White or Sulphur butterflies were observed on this year's walk. Last year there were 5 Mustard White, 35 Clouded Sulphur, and 1 Orange Sulphur.



Baltimore Checkerspot at Harper Park on July 6. Photo: Rene Gareau.



White Admiral along the Lang-Hastings Trail on July 7. Photo: Rene Gareao

The participants with cameras had excellent photograph opportunities. The highlight for the photographers was the finding of two Baltimore Checkerspots - one of our most spectacular summer butterflies. At the end of the outing, two Eastern-tailed Blues made an appearance. According to Jerry, they were newly emerged flying adults.

Besides the butterflies, the participants looked and listened to the birds and identified many different species of plants. Various flowers attracted the butterflies. The bird highlight was a Yellow-billed Cuckoo which was calling as the group arrived. A total of 36 species of birds were recorded and the list was entered into eBird and shared. In terms of plants, it was disappointing to find Dog-strangling Vine growing at various locations along the trail.

The total list of butterflies observed is as follows: Silver-spotted Skipper (5), European Skipper (2), Peck's Skipper (1), Long Dash Skipper (1), Hobomok Skipper (1), Eastern Giant Swallowtail (1), Eastern Tiger Swallowtail (3), Cabbage White (4), Eastern-tailed Blue (2), Great Spangled Fritillary (3), Northern Crescent (28), Baltimore Checkerspot (2), Red Admiral (2), White Admiral (5), Viceroy (2), Common Ringlet (3), and Monarch (2).

Outing Report for July 14: Sandy Lake Butterflies

Submitted by Kathryn Sheridan

On Sunday, July 14, Jerry Ball led a PFN outing along old Sandy Lake road. Jerry has been going to Sandy Lake (the one north of Havelock, that is) since he was a toddler. He knows that it's an excellent area for butterflies – partly owing to the extensive sedges (i.e., fens) in the area. Many birders take up the past-time of butterfly-watching in mid-July because the birds start to quiet down, most having already raised their young and no longer needing to announce territory. Jerry started this particular hobby about thirty years ago for similar reasons; however, this isn't just an idle hobby. Jerry will watch for the first butterflies of the spring (usually expected to be Mourning Cloaks, Compton's Tortoiseshell and Eastern Commas) before



Bog Copper on purple vetch. Photo: Don McLeod

setting off for a long spring-time birdwatching stint at Point Pelee. On the same day that he returns he'll be out there looking for butterflies again, expecting to see a Mustard White, perhaps.

From the previous week's outing, we knew that the butterflies were a week or two behind in appearing. This was due to the late spring we had. Jerry worried that many of the overwintering caterpillars and chrysalises may not have survived the repeated freeze-thaw cycles we experienced in the spring. We therefore didn't know what to expect this day, but Jerry was pleasantly surprised.

Butterflies observed on this outing are as follows (29 species, 261 butterflies):

Least Skipper (2), European Skipper (15), Crossline Skipper (1), Long Dash Skipper (8), Delaware Skipper (8), Mulberry Wing (26), Hobomok Skipper (6), Broad-winged Skipper (15), Two-spotted Skipper (28), Dun Skipper (31), Eastern Tiger Swallowtail (4), Pink-edged Skipper (5), Bog Copper (3), Acadian Hairstreak (14), Coral Hairstreak (8), Banded Hairstreak (7), Striped Hairstreak (2), Summer Azure (2); Aphrodite Fritillary (2), Silver-bordered Fritillary (3), Pearl Crescent (2), Northern Crescent (18), Eastern Comma (2), Gray Comma (2), American Lady (2), White Admiral (11), Northern Pearly-Eye (2), Eyed Brown (21), and Monarch (14)



Dun Skipper (left) and a Delaware Skipper (right). Photo: Don McLeod

Different species of hairstreaks, skippers, fritillaries, and anglewings can be difficult to tell apart, but many of us got better at it today. On this trip, milkweed proved to be a

dependable substrate on which to find butterflies and all kinds of other insects. Viper's Bugloss and Spreading Dogbane were also popular with the butterflies. A couple of times, we observed butterflies stuck on the flowers they had alighted on. Apparently this happens from time to time. Some of us bleeding hearts helpfully disentangled their legs from the flowers and felt good about ourselves.

Butterflies observed on this outing are as follows (29 species, 261 butterflies):



Jerry Ball discussing the perils of being a butterfly and getting entangled on a flower. Photo: Don McLeod



Day moths were also encountered on the butterfly outings. On the left is a Virginia Ctenucha moth on Spreading Dogbane seen on July 7 along the Lang-Hastings Trail (photo: Rene Gareau). On the right is a Hummingbird Clearwing moth seen on July 14 on Sandy Lake Road (photo: Don McLeod).



Outing Report for July 21: Ferns at Warsaw Caves

Submitted by Sue Paradisis

The cool shade of the forest was a great place to be on a sunny, July afternoon. Ten eager participants tackled the job of identifying the many ferns we found. The abundance of specimens was why this location was chosen. I was surprised at how few varieties were found – only five. As it turned out, the selection was perfect for learning what to look for in identification.



Twice divided Marginal Wood Fern showing sori (containing spores) on the margin of the leaflets. Photo: Sue Paradisis

The number of divisions or cuts in a frond is the first feature to look for and there are four possibilities: none, one, two or three. Of our five ferns, we had examples of all four. The very uncommon Walking Fern has no divisions and was good to find. Polypody and Sensitive fern were good examples of once divided while Marginal Wood Fern was twice divided. Bracken and Spinulose Wood Fern were more challenging which really helped with identification skills.

The Marginal Wood Fern and Spinulose Wood Fern both had unique features that showed how details can help with identifying a specimen. In the case of the twice divided Marginal Fern, the placement of the spore-containing sori right on the edge or margins enabled us to make an identification. The placement and shape of sori often help to identify the plant.

The more difficult and thrice divided Spinulose, when examined closely, had spiny or toothed edges giving it its other name of Toothed Wood Fern. The lower, inner sub-leaflet on each leaflet is also longer. Looking at all these characteristics led us to our identification.

While we didn't have a lot of varieties, participants now have a good understanding of what to look for and a greater appreciation of these often overlooked plants.



Uncommon and undivided Walking Fern. Photo: Sue Paradisis

Coyotes Interview

Submitted by Dylan Radcliffe

On August 15, I appeared as a representative of the PFN on Global Peterborough speaking about coyotes. My statements were misrepresented in the interview and many of the key parts were cut out. This dramatically altered the sentiment of my message and may have alarmed many members of the public and our club. I will reiterate that coyotes pose minimal risk to the public and, as long as people are not feeding them or harassing them, they will avoid contact with humans.



This is not a coyote but rather a very white Raccoon (see Orchid Diary entry for June 30). Photo submitted by Edward Kloosterman



Female Eastern Pondhawk (dragonfly). Photo: Ken McKeen



Spotted Turtle at Jack Lake on May 26. Photo submitted by Steve Kerr



Eastern Tiger Swallowtails at Stoney Lake on July 17. Photo: Rene Gareau

Results of the Petroglyphs Butterfly Count on July 21

Submitted by Martin Parker

The 20th Annual Petroglyphs Butterfly Count (PBC) was held on Sunday, July 21. It was originally scheduled for the previous day but was delayed due to the extreme humidex temperatures and threat of thunderstorms. The fifteen participants split into seven parties, with each field party covering a different section of the count circle.

The PBC is one of many butterfly counts held annually across Canada, the United States and Mexico. The counts are coordinated by the North American Butterfly Association. The Petroglyphs count is one of 18 held annually in Ontario and published by the NA Butterfly Association. Collectively, they give an understanding of trends in butterfly populations. The PBC covers the area between the northeastern section of Stoney Lake north to Apsley. It includes Sandy Lake Road with its extensive fens and rocky ridges. This area is one of the best sites to look for butterflies in the province in early to mid-July due to the diversity of species.

This year, the participants observed a total of 55 species, above the average of 52 over the past seven years. A total of 3,384 butterflies and 11 caterpillars were observed. According to Jerry Ball, compiler, the numbers of individuals was lower this summer, reflecting the delayed arrival of warm weather. The cool and wet spring resulted in some species emerging a couple of weeks later than normal. This was especially apparent with skippers.

The most abundant skipper was the Dun Skipper, with 1,459 being reported. This number is much lower than the 4,900 observed on last year's count. This was attributed to the spring weather.

The observers found one Indian Skipper, the first time this species has been on the count. Its flight period is normally over before the date of the count.



Silver-bordered fritillaries on Sandy Lake Road on July 14.
Photo: Rene Gareau

adults and 11 caterpillars. Last year, 249 flying adults were counted. In 2016, only 4 were observed, and the numbers have increased annually since. The average for the past seven years is 301 adults. The recovery of this migratory species of butterfly is encouraging.

The participant fees and other costs associated with the count were covered by the PFN from the annual grant received from the PFN Legacy Fund, an endowment fund managed by the Community Foundation of Greater Peterborough for the PFN.

The complete count results are as follows:



Northern Pearly-eye at McNaughton Bay, Stoney Lake, on July 17. Photo: Rene Gareau

The number of Monarch butterflies observed on the count increased again to a total of 472 flying

Results of 20th Annual Petroglyphs Butterfly Count Summary on July 21, 2019

Species	Park	Sandy L. Rd South	Sandy L. Rd North	Cty Rd 46 South	Cty Rd 46 North	Jack Lake	Forest Access Rd	Total
Eastern Tiger Swallowtail	2			10	7		4	23
Mustard White			1		1	1		3
Cabbage White	1			1	1			3
Clouded Sulphur				6	1		1	8
Orange Sulphur	1							1
Pink-edged Sulphur		3	4					7
American Copper							1	1
Bog Copper		3	1					4
Acadian Hairstreak	2	11	4		2	4		23
Coral Hairstreak	3	9	3	2	1			18
Banded Hairstreak			4	1				5
Striped Hairstreak		1						1
Gray Hairstreak	1	1		1				3
Eastern Tailed Blue	1				1	3		5
Summer Azure		4	2				3	9
Great Spangled Fritillary		3			3	1	27	34
Aphrodite Fritillary			10		2	1		13
Atlantis Fritillary						2		2
Silver-bordered Fritillary				1		1		2
Pearl Crescent	1	2	2		1	1	1	8
Northern Crescent	87	11	11	13	36	57	89	304
Questionmark			2		1			3
Eastern Comma	1	1	2	1	5	6	3	19
Green Comma						1		1
Gray Comma		2	1				1	4
Compton Tortoiseshell	5	3			2	4	8	22
Mourning Cloak	2	3	3		1	2	2	13
American Lady	2	1		3		21		27
Red Admiral		6			2	12	6	26
White Admiral	2	5	6	3	22	5	8	51
Viceroy						1		1
Northern Pearly-Eye	1	1	3		1		7	13
Eyed Brown	5	23	13		12	20	13	86
Little Wood-Satyr	2						2	4
Common Ringlet				1				1
Common Wood-Nymph	1	10		1			7	19
Monarch	53	11	32	19	86	133	138	472

Species	Park	Sandy L. Rd South	Sandy L. Rd North	Cty Rd 46 South	Cty Rd 46 North	Jack Lake	Forest Access Rd	Total
Silver-spotted Skipper	1							1
Northern Cloudywing			1					1
Columbine Duskywing	1		1	2	1			5
Delaware Skipper	5	4	22		6	10	8	55
Least Skipper	1	9	7	2	6	15	1	41
European Skipper	22	9	5	61	34	120	35	286
Indian Skipper	1							1
Peck's Skipper		1	1		3	3	1	9
Tawny-edged Skipper		1	4		2		16	23
Crossline Skipper							1	1
Long Dash	1		2			8		11
Northern Broken-Dash		2	1			1		4
Hobomok Skipper						2	2	4
Mulberry Wing		5	22		12	3	19	61
Broad-winged Skipper	3	84	23	25	25		5	165
Dion Skipper		3	3					6
Two-spotted Skipper	1	1						2
Dun Skipper	22	643	454	50	112	125	53	1459
Unidentified								
Large Fritillary sp.			1		3			4
Brown sp.				3				3
Anglewing sp.		2		1				3
Total Individuals	231	878	651	207	392	563	462	3384
Total Species	29	32	31	19	29	28	28	55

Caterpillars

Monarch			1		10			11
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Area Participants

Park: Joan and Robert DiFruscia

Sandy Lake Road South: Rayfield Pye

Sandy Lake North: Susan Blayney and Dan Bone

Cty Rd 46 South: Martin Parker, Rene Gareau, and Ruth Davenport

Cty Rd 46 North & McCoy Bay Road: Matthew Tobey, Drew Monkman, and King Baker

Jack Lake: Jerry Ball (count compiler) and Kathy Parker

Forest Access Road: Dennis Barry and Margaret Carney

The Monarch Ultra

Submitted by Carlotta James

A team of film-makers, runners, and pollinator advocates will be telling the story of the flight of the monarch butterfly as seen through the eyes of ultra-runners who will run the same distance of 4,300 km (2,671 miles) from Peterborough, Ontario to the Sierra Madre Mountains in Mexico this fall. The Monarch Ultra is the first attempt to run across North America (Canada, United States and Mexico) in order to raise awareness of monarch butterflies who make the migratory journey every year, and whose populations are in decline. Our multi-day running adventure will invite runners to traverse wild and remote landscapes while building camaraderie, overcoming adversity, and sharing a singular adventure with monarch butterflies. The Monarch Ultra starts in Peterborough, Ontario [September 19] and ends in the Sierra Madre Mountains [November 4], the over-wintering sites of the eastern population of the monarch butterfly, with runners following the same migration route as well as leaving at the same time as monarchs start to migrate south for the winter.



Monarch caterpillar. Photo: Rodney Fuentes

The Monarch Ultra is the first documentary project to cover the entire migration via an ultra-run, and during the making of the film, different themes will be explored, including:

Transformation: Similar to monarch butterflies who go through a remarkable transformation (from egg, to caterpillar, to chrysalis, to butterfly), ultra running is a transformative experience for runners because of the extreme distances they are covering.



Photo: Rodney Fuentes

Unity: At a time of great political divide, an ultra run that spans three countries, two international borders and a diversity of cultures is a call for unity to work together to solve global problems including climate change, environmental destruction, and pollinator decline.

Raising Awareness: We are using our gifts as film-makers, as pollinator advocates, and as runners to raise awareness of these beautiful pollinators whose populations are in steep decline. The Monarch Ultra is our way of creating dialogue on pollinators and of their significance to biodiversity and food security.

Most importantly, the Monarch Ultra is an opportunity to connect communities in Canada, USA, and Mexico with common goals of Earth stewardship and biodiversity conservation. If you would like to donate to this project, the Rotary Club has generously provided us with their charity number. You can visit the Canada Helps website:

<https://www.canadahelps.org/en/charities/rotary-club-of-peterborough-foundation-inc/>, and select "Monarch Ultra Marathon" in the drop-down menu. More information can be found here:

<http://www.themonarchultra.com/>

Now I See The Sun

"Just-look-at-me, just-look-at-me, just-look-at-me",
Calls a five-inch, glowing, yellow bird,
Flying like a roller coaster with infectious glee.
A cheery American Goldfinch have I seen and heard.

You're the sun borne on wings, coming to my feeder,
And I yearn for sunny days of summers past.
Too much rain now makes them seem much sweeter,
And leaves me wondering how long it will last.

Sometime in August to October you will breed
When thistle down and seed is in good supply
For the nest your mate builds, and you both feed
Your young, or is this in fact really why?

Unlike most songbirds, your spring moult is complete,
Likely leaving your bodies scant energy to nest then.
She may leave the first brood in your care to meet
Another mate with whom she'll nest again.

Murray Arthur Palmer, 2017



Results of the Harper Park Challenge

Submitted by Lynn Smith

A friendly competition was organized to encourage people to get out into Harper Park and record plants and wildlife by submitting to eBird or iNaturalist. The individual with the greatest number of visits to Harper Park, who listed species on eBird or iNaturalist between April 1 and June 15, was considered 'the winner.' Eighteen participants took up the Harper Park Challenge.

Toby Rowland came in first with a total of 27 visits to Harper Park, a clear winner! Rene Gareau was in Harper Park 11 times. The rest of the participants visited Harper Park between 1 and 5 times. For Toby's exceptional efforts, he will receive a copy of the top shelf PFN publication entitled *Nature in the Kawarthas*.

The bird list for Harper Park has increased to 134 bird species.

I'd like to thank all who took up the Challenge and added to the ongoing species list for Harper Park. Data collected through citizen science is of great value, so please keep up the visits.

Orchid submissions are encouraged!

The submission deadline for the next issue is Friday, September 20

Send submissions to Kathryn Sheridan via email: orchid@peterboroughnature.org

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





The Orchid Diary



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

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

Following are the sightings for May and June. There's a backlog due to unforeseen circumstances in the spring, but the Diary should be caught up soon. The sightings for July and August will be presented in the next issue of *The Orchid* along with September's sightings.

April 30	Karen & Stewart MacDonald had a Pine Warbler visiting their peanut feeder. Marla Williams in the Birdsall Station area heard a cacophony of Wood Frogs and Northern Leopard Frogs calling from a wetland beside the trail.
May 2	The wet spring resulted in water lingering longer in the meltwater pond at Mather's corners resulting in lingering waterfowl and attracting shorebirds during the month. 2 Northern Pintails observed by Travis Cameron. Still present May 4 & 5 by others. 11 Redheads were present at the south end of Duncan Line by Ken Abraham, Chris Risley and Eric Nol. 4 Redheads still present on May 6 by Cathy Douglas.
May 3	Late departing Common Redpolls (22) were reported by Wendy Hogan at her home. One still present on May 12. A single Common Redpoll by Mike Burrell east of the city. Jeff Stewart had a Fox Sparrow in the Millbrook area. Still present on May 5.
May 4	8 Redheads & 1 Greater Scaup remain at south end of Duncan Line. Seen by many observers. A Red-breasted Merganser at Beavermead Park by Daniel Williams. Ken Fulsang had an early Common Nighthawk flying over and calling at his residence. Donald Sutherland had a Pectoral Sandpiper along the Old Keene Road. 5 Common Redpoll in North Kawartha by Robin Stafford. Luke Berg had a late migrating Lapland Longspur in the Trent Nature Area. Don Koppin reported a Hooded Warbler along Brown Line, S.W. of City. Linda Sunderland had a hybrid European/American Wigeon on the Mather's Corners Meltwater Pond (identified confirmed by Ken Abraham & Donald Sutherland).
May 5	Heather Ray had Fox Sparrow in Rotary Park in Havelock. Iain Rayner had a Blue-gray Gnatcatcher in his yard near Lakefield. Susan Weaver had a Black-crowned Night Heron on the river behind TAS School.
May 6	Bill Snowden noted the bright yellow flower along the roadsides is the introduced Colt's Foot (<i>Tussilago farfara</i>). The leaves are not apparent at flowering time.
May 7	Bill Snowden reported the reproductive mode of Field Horsetail is appearing in damp pastures and along roadside. It is rusty or rufous in colour. The sterile plants have green colouring due to the chlorophyll.
May 8	Jim Cashmore reported an American Bittern was calling west of the orange bridge on the Jackson Park Trail. Marilyn Freeman had a Northern Mockingbird and heard Sandhill Cranes flying over her house. Robert Pratten observed 2 Blanding's Turtles on the Anstruther Lake Road. Ed & Rose Addison had a vixen (female Red Fox) with 10 pups near their house in the west end. Only three were remaining and the vixen moved them to another location.

Red-headed Woodpecker

This was an excellent year for Red-headed Woodpeckers in the region. (Due to dying Ash?)

May 11 Bruce Kidd reported one was on his feeder at home near Douro for the first time in 22 years.

May 12 Chris Risley & Erica Nol had one in their yard on Gilmour Street. Seen by others.

May 12 Bill Snowden had an individual at his feeders on the south end of Buckhorn Lake.

May 14 Last day Bill Sowden had an individual at his feeders.

May 17 Luke Bird had one on Gifford Drive, Selwyn Twp.

May 18 One was present in Inverlea Park in the City by Patrick Kramer.

May 19 One was found along the trail in the Trent Nature area by Patrick Kramer. A pair nested in this area. Observations during the summer by many observers.

May 25 Brody Crosby had one on Bissonette Drive, Peterborough. Photographed on May 26.

May 27 A bird in Selwyn Township by Joe Latour.

May 29 An individual on Division Road by an unknown birder.

June 3 An individual near Elim Lodge, Trent Lakes by Dave Milsom, Brian Wales & Matthew Tobey.

June 12 One along Douro 3rd Line by Chris Ketola.

June 12 Ken McKeen reported one near his cottage on Lower Buckhorn Lake.

June 22 Stewart MacDonald had one on a telephone pole on Yankee Line, Ennismore area.

June 27 Dave Milsom & Brian Wales had 2 individuals in the Trent U. Canal Nature Area.

June 29 Kyle O'Grady had one on River Road, Asphodel/Norwood Township.

May 12	A very late Fox Sparrow in Selwyn Township by Joe Latour.
May 13	Bob & Maxine Prentice photographed four Rose-breasted Grosbeaks at their feeder. This spring, due to the cool and wet conditions, there was a lack of natural foods and so birds such as Rose-breasted Grosbeaks and Northern Orioles took advantage of feeders.
May 14	Scott Gibson had a Ring-necked Pheasant near the Fairbairn Marsh. Cathy Douglas had a Blue-gray Gnatcatcher in the Mervin Line wetland.
May 15	A late Lesser Scaup was present on the Lakefield Lagoon by Bill Crins and others. Still present on May 26. Don Pettypiece reported that male & female Northern Oriole, male & female Rose-breasted Grosbeaks, and female Pileated Woodpecker are visiting the peanut feeder. He wondered if Emily was spiking the feeders.
May 16	Bill Snowden reported that new arrivals at the south shore of Buckhorn Lake included Baltimore Oriole, Ruby-throated Hummingbird and Yellow-bellied Sapsucker.
May 17	Bill Crins reported a major fallout of warblers at Beavermead Park in the morning with 15 species present including 12 Northern Parula, 2 Orange-crowned, several Bay-breasted & several Cape May Warblers. Iain Rayner had a 1 Horned Grebe and 11 Bonaparte's Gulls on Rice Lake off Pengelly Landing. A Cerulean Warbler was in the Cordova Lake area by Ian Sturdee. Mathew Gavin had 2 Brant fly-over at silver Leaf Drive, Otonabee-South Monaghan. Scott McKinlay photographed a Yellow-throated Warbler in Cavan - the first County record. He observed 17 species of warblers including Blackburnian, Northern Parula, Bay-breasted, Magnolia, and Cape May.
May 18	Thomas Unrau had a Northern Mockingbird on Miller Road, Selwyn Twp, with a second one by Donald Sutherland on Water Street near Nassau Mills Road.
May 19	Yellow-bellied Flycatcher near Lakefield by Iain Rayner. Dave Milson & Matthew Tobey had a Pectoral Sandpiper in a meltwater pond on Nicholson Line. Seen by many on May 20.
May 20	Donald Sutherland had a Blue-gray Gnatcatcher on Bartlett Rd, Fraserville area. Donald Sutherland found a Ruddy Duck on Briar Hill pond. Seen by many until May 21.

	Iain Rayner had a White-rumped Sandpiper in the pond along Nicholson Road. Still present on May 26.
May 21	At 6 a.m., Cheryl Brady had a Red Fox in her yard near Millbrook.
Orchard Oriole Another good year for this southern species. May 20 Donald Sutherland had one at Hall's Landing. May 21 Scott McKinlay had one on Cavan Wood Drive. May 21 Dave Milson had one at Whitfield Landing. This bird was still present until May 26. May 28 Roy Burton had one at Stewart Hall.	
Clay-colored Sparrow The initial report from the Jones Quarter Line area was on May 24 by Dave Milsom & Matthew Tobey. Reports from this area throughout the breeding season. June 1 Donald Sutherland had 1 at Center Dummer Road and Douro Line 7. June 2 Sutherland had another individual 3rd Line of Selwyn Twp. June 4 One individual at Briar Hill Bird Sanctuary by Andrew Brown & Olivia Mallet. June 5 One individual on the Douro Dummer Alvar by Chris Risley & Ben Taylor. June 6 Singing male in area of water tower in Lakefield by Bill Crins - seen regularly into August.	
May 24	Matthew Tobey & Dave Milsom had a Solitary Sandpiper on the Mill Pond in Millbrook.
May 26	2 Short-billed Dowitchers were present on the Mather's Corner Meltwater Pond by Daniel William and many others. Present next day near Pine Crest Golf Course. A Spotted Turtle was photographed on the north shore of Jack Lake by an unknown person. (forwarded by Steve Kerr).
May 27	Scot Gibson had 2 American Pipits on the Lang/Hasting Trail at Redmond St. Donald Sutherland had an Orange-crowned Warbler on the Trent Rotary Trail.
May 28	Donald Sutherland spotted 2 Black-bellied Plovers on the Mather's Corner Meltwater pond. Seen by many other observers.
June 3	Colin Jones & Iain Rayner had White-winged Scoter on river at Edgewater Blvd. Seen by others.
June 5	Late Bufflehead off Roger's Cove by Tim Haan.
June 6	Glenn Dasy & Luke Berg heard a Nelson's Sparrow in the marsh at Miller Creek Wildlife Area. Jerry Ball had FOY (first of year) Canadian Tiger Swallowtail at Charlie Allan Road. He also had 48 Painted Turtles, 1 Blanding's Turtle and 1 Snapping Turtle.
June 7	Jerry Ball and FOY Common Roadside Skipper on Sandy Lake Road.
June 9	On the Lang-Hastings Trail from Cameron to 38, Jerry Ball had FOY Northern Crescent, Common Ringlet & Arctic Skipper (all butterflies).
June 11	On Sandy Lake Road, Jerry Ball & Robert DiFraschia had FOY Hobomok & Indian Skippers, a 2 ½' Milk Snake, 57 Stemless Lady's Slippers (orchid) and 12 White-tailed Deer.
June 12 Reported at club meeting	Dylan Radcliffe & Marilyn Freeman reported Chimney Swifts in the downtown area and west end of the city. Cathy Douglas reported the Common Loons on Stoney Lake have young. Marie Duchesneau reported the Peregrine Falcons are on the nest on Anstruther Lake. Mark Williamson observed a Coyote on boardwalk in Trent Nature Area. Brian Wales reported that on the trail between Ennismore and Hwy 7 there was a Red-headed Woodpecker, Blue-winged & Golden-winged Warbler & Black-billed Cuckoo. Paul Elliott reported a Big Brown Bat flying over the pond in Jackson Park. It's unusual to see one flying during the day. Robert Pratten reported 15 Monarch caterpillars on milkweed along Anstruther Lake Rd.

	Al Sippel observed a Long-tailed Weasel frantically running through the stalls at Morrow Park Farmer's Market. Jerry Ball had a 2 ½ foot Milk Snake and 57 Stemless Ladies Slippers bloom along Sandy Lake Road.
June 12	On the Lang-Hastings Trail (Bleazard to Cameron), Jerry Ball had FOY Tawny-edged Skipper, Viceroy & Question Mark (all butterflies).
June 14	On the Lang-Hastings Trail (Bleazard to Villiers), Jerry Ball had FOY Little Wood Satyr.
June 15	Donald Sutherland had a Cerulean Warbler on Deer Bay Reach Road. Seen later by others.
June 18	Mike V.A. Burrell had a late Yellow-bellied Flycatcher in his yard east of the City.
June 21	Rick Stankiewicz had late nesting Snapping Turtles in the Hazel Crescent area of Otonabee/South Monaghan. He noted it is the latest he has seen them nesting in a year. The previous week, he had nesting Painted Turtles and observed a Map Turtle cross his yard recently.
June 23	Paul Frost had a Ring-necked Pheasant at Hayes Line.
June 30	Edward Kloosterman photographed a white-coloured Raccoon in the Edgewater Blvd area.

PFN Board of Directors				Other Volunteers	
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Peterborough Field Naturalists, P.O. Box 1532, Peterborough, Ontario, K9J 7H7					

Membership Application Form

Memberships may be obtained by mailing this completed form to:

Peterborough Field Naturalists
PO Box 1532
Peterborough Ontario K9J 7H7



PETERBOROUGH FIELD NATURALISTS

Contact Information:															
Name(s):		Phone(s):													
Address:		Email(s):													
I would like to receive The Orchid by (Pick One): <input type="checkbox"/> Mail Delivery <input type="checkbox"/> E-Mail <input type="checkbox"/> Both															
Membership type and fee schedule:															
Notice: Membership fees provide only a small part of the funds required to operate the Peterborough Field Naturalists. Donations from members like you help us offer a diverse range of programming for everyone. Please consider including a donation with your membership so that we can continue to serve you and the Peterborough community. Please make cheques payable to Peterborough Field Naturalists.		I have included a donation with my membership fees: <input type="checkbox"/> Yes or <input type="checkbox"/> No If Yes amount: \$_____													
1. Single Adult \$25 <input type="checkbox"/> 2. Single Student \$15 <input type="checkbox"/> 3. Single Child (5 – 12) \$10 <input type="checkbox"/> 4. Family \$30* <input type="checkbox"/>															
*Please give the names and ages of children wishing to enroll in the Junior Field Naturalists:															
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<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> Natural Environment</div> <div style="width: 33%;"><input type="checkbox"/> Reptiles and Amphibians</div> <div style="width: 33%;"><input type="checkbox"/> Botany</div> <div style="width: 33%;"><input type="checkbox"/> Birds</div> <div style="width: 33%;"><input type="checkbox"/> Aquatic Life</div> <div style="width: 33%;"><input type="checkbox"/> Geology</div> <div style="width: 33%;"><input type="checkbox"/> Insects</div> <div style="width: 33%;"><input type="checkbox"/> Astronomy</div> <div style="width: 33%;"><input type="checkbox"/> Mammals</div> </div> Other: _____			<input type="checkbox"/> Outings <input type="checkbox"/> Citizen Science <input type="checkbox"/> Meetings <input type="checkbox"/> Junior Naturalists												
Volunteers are always needed. Do you have interest in any of these activities:															
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> Join the PFN board</div> <div style="width: 33%;"><input type="checkbox"/> Sit on research or conservation committees</div> <div style="width: 33%;"><input type="checkbox"/> Help with the Orchid publication</div> <div style="width: 33%;"><input type="checkbox"/> Assist with meetings</div> <div style="width: 33%;"><input type="checkbox"/> Work on field projects</div> <div style="width: 33%;"><input type="checkbox"/> Lead an outing</div> <div style="width: 33%;"><input type="checkbox"/> Help the Junior Naturalists</div> <div style="width: 33%;"><input type="checkbox"/> Give a presentation</div> </div>															
Liability Waiver (New and Returning Members):															
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 my underage children															
Signature: _____ Date: _____															