

THIS ISSUE

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**UPCOMING SPEAKER**

*Join us September 23rd for a presentation on **The Fascinating Biology of Orchids***

See waterlooregionnature.ca for details, and pg. 14&15 for information on more upcoming speakers!

OUTINGS, OUTINGS, OUTINGS

Read inside for more information on upcoming outings, and check your email for further updates, cancellation information, and new outings added.

VOLUNTEER NEEDED!

Consider joining our Board. No experience is required! Talk to any current board member to learn more.



Photo: H. Russell

Dorothy Russell Inducted into Hall of Fame

By Harold Russell and Mary Ann Vanden Elzen

On Sun. Apr. 28, 2019, an honour was bestowed on one of our own. That was the day longtime WRN member, Dorothy Russell, was inducted into the Ken Seiling Waterloo Region Museum Hall of Fame under the category of Community Service.

Dorothy Etta White was born on April 26, 1900 in Berlin, Ontario, in the Schantz family ancestral home originally built in 1888, on land purchased from Sam Schneider – grandson of pioneer Joseph Schneider. In her 105 years, almost entirely lived in this home, Dorothy had an impact on many lives. She was a mother, teacher, historian and amateur photographer. She painted, kept journals and diaries, and wrote hundreds of letters. She was an active member of the Waterloo Historical Society. But it is her love of nature and membership in our club which is the focus here.

Love and respect for nature came early to Dorothy. With the death of her mother in 1900, her grandparents and aunts and uncles assumed her care. It was Uncle Frank, in particular, who took her under his wing. Uncle Frank Schantz was a naturalist and, when Dorothy was a young girl, they would regularly set out early on May mornings and walk to nearby Victoria Park or Waterworks (Lakeside) Park to identify migrating warblers. By the age of eight, she was making her own bird checklists. Her Uncle Orpheus Schantz of Chicago was a famous naturalist and president of the Illinois Audubon Society. He, too, encouraged her interest in the outdoors.

In 1934, Uncle Frank became one of the original founders of the KWFN. Dorothy's best friend, Viola Snyder (later Hanson), was also a founder. It was in 1946 when Uncle Frank assumed the presidency of the club that Dorothy took out formal membership. And she remained a member for the rest of her life.

Continued on page 8...

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Submission Deadlines:

Winter Issue

October 15th

Spring Issue

February 15th

Fall Issue

July 15th

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All WRN Club meetings are held in the Reception Hall of the Waterloo Knox Presbyterian Church

50 Erb St. West

Regular Meetings begin at 7:30pm. Doors open at 7pm.

All parking is FREE

All parking access is off Dupont Street.



Sandpiper Summers

This time of year, I always have sandpipers on my mind. I spent two summers chasing Semipalmated Sandpipers around the mudflats in New Brunswick and Nova Scotia. They come to the Bay of Fundy in large flocks to fuel up before their long migration south. It is a sight to behold- 100,000 or more small sandpipers flying and turning in unison. They feed on small invertebrates that live in the mud - worms and mudshrimp - and I would watch them pecking at the mud or using their bill like a straw in the darkness slurping around trying to find a meal. Peck, peck, probe. Probe, peck, peck. Slurrrrrrrp. Being out on the exposed ocean floor, walking in knee deep mud day and night, following the tide out and letting it chase me back in, it was an experience I'm not soon to forget. And so, each year around this time, I find myself thinking of the sandpipers. Like many of our wild species in Canada, Semipalmated Sandpipers are in decline and the preservation of their critical staging habitat in the Bay of Fundy is essential to their protection.



This experience is part of the reason why I am grateful to be involved with an organization like Waterloo Region Nature that understands the importance of protected spaces. I love being surrounded by people who have a passion for protecting our natural world and a willingness to share their love and knowledge with others. In May, I hosted a club outing to watch a meteor shower at Bechtel Park. I was fortunate enough to see the Perseid Meteor Shower last summer while camping in Algonquin Park and I was itching for another amazing show. But when I dragged myself out of bed at 4am and drove out to the empty, pitch black park, I thought for one moment that this was quite a crazy idea. Who would come? What would we see? Then I saw a pair of headlights...and another, and another. Seven other people got out of bed and sat with me in the dark park, on the dewy grass, watching and hoping for an astral show. We didn't see any meteors, but I left knowing I had found a group of people that I belonged in. People willing to try something new, spend time outdoors, and sacrifice a bit of sleep for the *chance* to see something magical. One attendee reassured me saying that it is just like a nature hike, there is no guarantee you'll see what you hope to see. No meteors, but it was a beautiful sunrise.



The road ahead for conservation seems murky, but it is empowering to be shoulder-to-shoulder with you all as a collective voice for environmental consideration and appreciation in Waterloo Region. I look forward to meeting many more new faces during the year ahead.

Talk soon!
Jenna



The following outings are confirmed for Fall 2019. In the event of change or cancellation, WRN members will be notified by email. Outings are free unless otherwise noted. **WRN thanks the various property owners for so generously sharing nature on their land.**

A Big Sit at Laurel Creek Conservation Area _____

When: Saturday, September 7, 2019 at 6:00pm for approximately 2 hours.

Where: Meet at the culvert on Beaver Creek Road.

Who: Jim Burrell 519-699-4695 burrellsc@golden.net

We will do a bird count as the sun sets to see who is coming to roost and who has been using the reservoir this summer. Bring a lawn Chair, binoculars and scopes, a cool drink and good conversation. We will stay until 8pm.

Visit to Sprucehaven _____

When: Saturday, September 14, 2019 at 8:30am until approximately noon.

Where: 2005 Notre Dame Drive, St. Agatha, ON. Park near the drive shed and in the vicinity of the barn as much as possible.

Who: David Gascoigne 519-725-0866 theospreynest@sympatico.ca

Enjoy a ramble through the different habitats at SpruceHaven; observe a session at the mist nets to see which migrants are passing through; marvel at a large Barn Swallow colony in a century old barn; and chat with Dave Westfall and his sister, Sandy, and brother-in-law, Jamie, while enjoying coffee and cookies after the morning's activities.

Waterproof footwear is recommended.

RSVP: Please let David know (519 725-0866, theospreynest@sympatico.ca) if you will be attending in order to gauge numbers for the refreshments.

HAVE AN OUTING SUGGESTION?

Contact outings@waterlooregionnature.ca Next outing deadline is Oct 15, however ideas are welcome at any time!

Hawk Cliff and Environs

When: Saturday, September 21, 2019 from 8:00am to approximately 2pm.
Where: Meet at the car pool parking lot on Fountain St. just south of the 401/Homer Watson interchange.
Who: Jim Burrell 519-699-4695 burrellsc@golden.net

We will drive to the Port Stanley area to look for fall migrants at the sewage lagoons and then travel to Hawk Cliff to do a big sit and watch for migrating raptors. Bring binoculars and scope, lawn chair and lunch, water, hats, sunscreen and reference materials.

We will finish at Hawk Cliff by 2pm.



Snyders Flats

When: Sunday, September 22, 2019 at 11:00am for approximately 2 hours.
Where: Snyder's Flats Conservation Area, 1360 Snyders Flats Road, Bloomingdale, ON N0B 1K0. Meet at the parking lot at the end of Snyders Flats road (there is a barrier preventing further driving) after first passing the Mennonite Church. If you Google Map the address above it will show you where.
Who: Tyler Hampton 226-507-1280 tylerbhampton@gmail.com

Snyder's Flats (<https://www.grandriver.ca/en/outdoor-recreation/Snyders-Flats.aspx>) has been one of my favorite spots this year. There are a variety of habitats: restored gravel quarries (home to the regularly spotted Horned Lark), farm fields (with Eastern Meadowlark), hardwood forest, aspen forest (the favorite of warblers), and wetlands and ponds along the banks of the Grand River. The 3.6 km loop trail can be muddy in places but is gentle except for fording a creek. We'll loop counter-clockwise around the property and end at the Osprey Nest at the west end of Snyders Flats road. Dress for the weather. Hopefully we'll catch some early migrating waterfowl. There are no washrooms on the property. No entry fee.

Baden Sandhills- The Cappleman Property

When: Thursday, September 26, 2019 at 1:30pm for approximately 1.5 hours.
Where: 2774 Sandhills Road, Baden. Park in the driveway, or on the road shoulder.
Who: Jim Cappleman 519-634-9711

Enjoy a Fall stroll through Cappleman's Woods (hilly terrain), hoping to see some migrating birds, fall colours, flora and fauna.



Schneider's Woods

When: Tuesday, October 15, 2019 (rain date Wednesday, October 16), at 9:00 am for approximately 2 hours.

Where: Park and meet on Wideman Road just east of Wilmot Line in Waterloo.

Who: Dale Ingrey 519-884-3667
ingreyda@hotmail.com

Join Dale for this annual Thanksgiving (actually the day after) hike through the forests and fields of Schneider's Woods. We'll try to spot some late fall migrants as well as the resident birds, and whatever else happens to be in the area. We'll also see the trees, asters and goldenrods, etc. in their fall splendor. Bring binoculars, field guides and a drink for this approximately two-hour hike. A couple of moderately challenging hills. No washrooms available. Attendance confirmation not necessary.



A club for teens in or starting high school, partnering with a variety of local environmental organizations

Some of our past activities: Turtle nesting protection, Invasive plant management, Owl prow!

Teens meet Saturdays, 1 - 2 times a month, various locations

Visit waterlooregionnature.ca/teens for more information & registration

Learn about the natural world

Meet passionate experts

Work on projects & earn volunteer hours



Waterloo Region Nature Kids

Nature Kids is a fantastic monthly program where parents and children ages 7-12 meet together to experience nature and learn about the land in our region and the plants and animals with whom we share it. We had another fabulous year, ending with a special fire and firefly program!

We are very excited to share that in the fall we will be broadening our horizons and visiting a variety of wonderful natural areas in the region. We are looking forward to learning more about what and who lives in our region as we experience new places each with their own unique aspects. This year's activities include pond studies, nature photography, tracking and learning about the history of the land.

We will continue to meet on the last Saturday of each month. Stay tuned for more info about our activities - and don't forget to tell your friends, neighbours and relatives about our program! Registration for the fall is open!

Questions? Contact Giselle at kids@waterlooregionnature.ca



Waterloo Region Nature Teens

By Marg Paré

Waterloo Region Nature Teens had an action-packed first year! They removed invasive plant species and planted native ones; learned birding skills, watched bird banding and prowled for owls; collected and tested water samples; helped with the Christmas Bird Count for Kids; practised tracking skills; improved turtle habitat; monitored salamander populations... and hiked just for fun!

And, coming in 2019-20, more learning opportunities, meeting experts, and earning volunteer hours doing environmental projects! We meet mostly on the last Saturday afternoon of the month but we'll be extra busy in September and October -- we're excited to be doing weekly salamander monitoring on Saturday mornings as well.

10 Teens participated this year and we're expecting a bigger group in September!

If you're a teen, please get in touch! If you're not, please tell a teen about Teens! We welcome anybody who's interested and is a teen or is in high school or almost.

QUESTIONS: teens@waterlooregionnature.ca

REGISTRATION and photos:
waterlooregionnature.ca/teens

Thanks to our many year one partners and mentors: City of Kitchener Natural Areas, **rare**, UW Ecology Lab, Laurel Creek Nature Centre, Wrigley Corners Nature Centre, SpruceHaven Farm, and several WRN members including Anita Smith, David Gascoigne, Levi Moore and Josh Shea.

Thanks also to the whole WRN membership for generously supporting children and youth in our region!

WRN Teens volunteers

Linda Dutka, Zack Stevens, Anita Smith, Josh Shea, Marg Paré (coordinator)



Dorothy Russell Inducted into Hall of Fame

continued from page 1

Dorothy played an active role in the club. She was a regular at meetings and outings. Archival photos show her at close-to-home outings such as Hidden Valley, Dickson Wilderness and Pioneers Tower. As well, she enjoyed traveling further afield to Tobermory and Point Pelee. Dorothy also took on responsibilities with the club. In the 1960s, she was in charge of ticket sales for the Audubon Screen Tour shows presented at KCI and other venues throughout KW. These shows raised thousands of dollars toward the first purchases of land sanctuaries by the club including the Dickson Wilderness Area, Wrigley Lake and Bannister Lake. Dorothy also volunteered for two stints on the Board of Directors: from 1953-56 and again from 1968-72.

But she seemed to have a particular passion for the annual Christmas Bird Counts. After earning her driver's license at the age of 57, she became a youth mentor and driver, never missing a CBC, as was acknowledged when she received the club's Life Membership Award on her 86th birthday. She was given this award for her long and faithful association with the club. Inscribed on the award were the words, "As she treasures nature, so we treasure her."

With the turn of the millennium, as Dorothy celebrated her 100th year, the KWFN acknowledged her century of achievement – including bringing the joy of the outdoors to people – by planting a Red Oak tree in Victoria Park behind the newly-installed park bench donated in her honour. The dedication plaque on the bench reads: "Dorothy Russell, 1900-2000, Friends and Neighbours." It is still there for anyone to see and rest upon.

In 2001, she was honoured with the rarely given 50+ pin Ontario Volunteer Service Award. Her name had been put forward by the club.

It wasn't that Dorothy had set impossible records or achieved bold accomplishments. It was rather that

she lived life with verve and delight. She served and was a mentor to many. But also because she left behind an extraordinary record which spanned more than a century. In 1996, two years after the restoration of the family home, Dorothy, and Harold and Lynne Russell entered into an agreement with the University of Waterloo to donate the substantial paper archive which had accumulated in their attic.

This collection consisted of thousands of letters, over 800 books, diaries, clippings, maps, assorted ephemera and especially Dorothy's photographs organized in 13 albums. These materials revealed the life stories of a local family of eight children and their descendants in the late nineteenth and early twentieth centuries. They provided a resource on the history of the family members and the wider community. Without Dorothy's preservation of this collection, it, like many others, would have been lost. Waterloo Region Nature has also benefitted from Dorothy's birding records, specifically her 35mm slide photographs. Some of these were donated by her son, Harold, to our own club archives which now reside in the Region of Waterloo Archives located in the historic courthouse building in downtown Kitchener. These photographs are available to anyone for research and study purposes.

Dorothy Russell had an impact on many individuals and organizations in Waterloo Region. And, with these donated materials, her impact will continue for many more years to come.

So, drop by the Waterloo Region Museum sometime, go to the second floor mezzanine, and view the Dorothy Russell display case. Check out the items there including the old Kodak Brownie camera which took so many of her memorable photos. And, if you're in Victoria Park, have a little sit on her bench. Take a few moments to drink in the beauty and serenity of the surroundings. Consider that Dorothy's personal gift to you.

SUBMISSIONS WELCOME!

If you have any articles, photographs, artwork, reviews, outing recaps, etc. you would like to see in our newsletter, please submit them to editor@waterlooregionnature.ca



Dorothy on her new park bench surrounded by her KWFN friends. Planting shovel is in the background.

L-R Seated: Dorothy Russell, Harry and Marie Walker.

Standing: Neil Taylor, Helga Hartman, Miriam Sokvitne

Membership Director's Report*

Membership renewal notice

It's time to renew your Waterloo Region Nature membership for the 2019–2020 year.

You can renew and pay for your membership on our website! Just go to waterlooregionnature.ca, click the **Membership** tab, and then follow the prompts. Alternatively, you can fill out a printed membership form (which you can also obtain online) and bring it along with your payment to our September meeting. Please bring cash or a cheque written to Waterloo Region Nature.

If you have already renewed your 2019–2020 membership, **thank you for supporting Waterloo Region Nature with your membership!**

A full list of donors and new members will be included in the Winter edition of the Heron.

*We are looking for a new Membership Director to join the Board! Help keep the club running by volunteering today. Email president@waterlooregionnature.ca if interested.

FH Montgomery Wildlife Sanctuary– Annual Report 2018

Compiled By Margaret Lewis-Macdonald

Mandate

In accordance with The Management Plan for the property, the Conservation Director of the club is asked to submit an Annual Report about the property to the Board. The Montgomery Committee is to prepare the report. This report covers the period from March 2018 to March 2019 and will be published in the Heron for the information of the members.

Report Of Activity

Spring Cleanup: April 27th was a spectacular day - brilliant sun and temperature in the low teens. We were expecting a lot of debris as we had had dramatic flooding in February and an ice storm in early April but the damage was less than expected. However, we found Post 7 under water and on a severe tilt. Only Wayne Buck and Paul Bigelow could walk the entire trail; the rest avoided that area. The Periwinkle crew had to shift tarps around that had been pushed to the base of trees by the flooding so they were unable to take up and move all tarps as they usually do. We had some new tarps but have stored them until next spring when we hope conditions will be better. Because of the cold spring we did not see the wonderful spring plants in blossom, although some Blue Cohosh was close to blooming. No Trillium or Jack-in-the-pulpit! There were lots of leeks!

Jenna Quinn asked that we survey the entire property for plants & animals, in order to contribute to the City Nature Challenge on behalf of the Region of Waterloo. Anita Smith & Fraser Gibson led this effort. Of special interest to us, Fraser searched for fresh water mussels (see full report for more information). The species observed were: Creeper (*Strophitus undulatus*), Fatmucket (*Lampsilis siliquoidea*), Elktoe (*Alasmidonta marginata*; a vulnerable species), Flutedshell (*Lasmigona costata*), Creek Heelsplitter (*Lasmigona compressa*), Giant Floater (*Pyganodon grandis*), and Spike (*Elliptio dilatata*). Special thank you to Fraser for this exceptional investigation!

We searched for and found one small Giant Hogweed (GH) plant. The committee then gathered for lunch in New Hamburg and prepared the schedule for the monitoring and removal of GH for the 2018 growing season, May 7th to mid-July.

We also planned two dates for the removal of garlic mustard, this to be led by Genie Berger. Unfortunately the dates had to be changed at last minute and the turnout was affected. Less garlic mustard was harvested than past years. We need many hands to have any impact on the garlic mustard!

Giant Hogweed:

May 7th - 36 small plants were removed, 24 from the river's edge near Post 6. Largest plant was 3ft across. Plants extended from Post 6, north to within 100m of the bridge. Area flagged.

May 14th - Eleven small plants removed.

May 21st - 30 plants found and destroyed, 3 knee high and 1 thigh high! We started just down the trail from Post 6 and worked our way up stream– most found along the "angler's" trail and probably not on our property. Nearly stepped on a fawn!

May 29th - One plant found and flagged.

June 4th - Three plants – two were 2ft tall off trail the third quite small.

June 11th and June 18th - no plants were seen, flushed a wild turkey!

June 25th - Three plants, two were 1ft, the third 2ft tall.

July 2nd - no plants found.

A big thank you to our property monitors for their careful observations and reports after each inspection. Observations & pictures of wildlife while active with GH removals enlivened the reports! Our monitors were Paul Bigelow, Wayne Buck, Marco & Donna Debruin, Fraser Gibson, Wendy Shaw, Jim Cappleman and Graham Macdonald.

Fall Cleanup: As on our Spring cleanup day, we had a perfect Fall day to carry out our tasks. We found little to no evidence of intrusion, and minimal garbage along our trail. Between Post 2 and 3 we could see a large area of debris from the flooding along with a small wooden chair! There was significant debris along the fisherman's trail (not our property). The pole marking the animal tunnel put in place last spring is holding well. All signage was in good condition, as are our trail numbers and the relevant points of interest are all present. Property markers are now all in place thank you to Fraser! We noted the presence of Giant Ragweed, Pileated Woodpecker, a Red-backed Salamander, a Woolly Bear Caterpillar and a White-tailed Deer scrape found (spot where a buck scrapes ground clear of leaves, usually leaving a footprint, and urinates during rut.)

Trail Guide

Features described on the trail guide were all present spring and fall.

Montgomery Property Report Inspection

Inspection was performed October 21, 2018. The report has been approved by the committee.

Wood Duck Boxes

West box (near the Nith) Broken egg shells of wood duck found, therefore wood duck habitation assumed!

This box is on a severe lean and will have to be straightened in spring 2019

East box (interior) held signs of owl habitation, a rodent foot!

We cleaned the boxes ready for 2019 occupation.

We forgot to bring fresh wood shavings for the boxes this fall for the first time.

Acknowledgements

Thank you again to all our committee members who not only provide time but also needed supplies and equipment for our work. And a special thank you to our volunteers who help with extra projects.

Our new committee members Wendy Shaw, Sandy Ponc and Chris Wright have been invaluable contributors. Anita Smith our Conservation Chair has participated fully in our activities and we are grateful!

Marg Macdonald has announced her resignation as chairperson of the Montgomery Committee as of the end of the 2019-2020 season.

Respectfully submitted by The Montgomery Property Committee (in alpha order):

Genie Berger, Pat and Paul Bigelow, Wayne and Lynda Buck, Jim Cappleman, Marco and Donna DeBruin, Fraser Gibson, Graham & Marg Macdonald, Sandy Ponc, Wendy Shaw, Chris Wright.



Photos by Pat Bigelow

Ontario Nature Report

By Fraser Gibson

“More Homes, More Choice Act” guts protections for Ontario’s most vulnerable plants and animals

On June 6, 2019 the Government of Ontario passed the More Homes, More Choice Act, a law that opens significant wildlife habitat to sprawl development through amendments to the Endangered Species Act, 2007 (ESA). The amendments give new powers to the Minister to delay, limit and remove protections for at-risk species. Further, it creates numerous, overlapping pathways for developers and industrialists to dodge critical requirements.

“The Endangered Species Act has been torn to shreds,” says Kelsey Scarfone, program manager with Environmental Defence. “Those with a vested, short-term economic interest in sprawl development now have free rein to bulldoze, dig up and pave over the habitats of our most vulnerable plants and animals.”

In the face of growing opposition to the proposed law, the provincial government chose to ram the Bill through the Legislature.

“These changes do not reflect the values or long-term interests of the people of Ontario. The haste with which the government proceeded ensured that Ontarians would have no say in the outcome,” says Anne Bell, director of conservation and education at Ontario Nature. “Calls to engage in genuine public consultation over the coming summer were swept aside.” The amendments also reduce future opportunities for public input on ESA matters under the Environmental Bill of Rights.



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WRN Photo Gallery



Peregrine Watch; Photos: D. Thomas



Animals at the Confluence
Photos: D. Thomas



St. Jacobs Mill Race Trail; Photos: P. Bigelow



Do you have nature or event photos to share? Send them to editor@waterlooregionnature.ca

waterlooregionnature.ca

Upcoming Speakers and Meeting Programs

Meetings are held on the fourth Monday of the month at 7:30pm. Meetings are free and visitors are always welcome.
Meeting Location: Reception Hall, Waterloo Knox Presbyterian Church, 50 Erb Street West, Waterloo

Read full presenter biographies at waterlooregionnature.ca/meetings

SEPTEMBER

September 23, 2019

The Fascinating Biology of Orchids

Dr. Larry Peterson

The Presentation: How has the family, Orchidaceae, become the most successful and largest family of flowering plants? Larry will discuss features of orchid biology that have led to a family that includes over 25, 000 species. Topics include pollination mechanisms, associations with beneficial fungi, adaptations to a wide range of terrestrial habitats, and how numerous orchid species have taken to the trees as epiphytes. The amazing diversity in floral forms has resulted in a multi-million-dollar horticultural industry.



As a result of their popularity, many orchid species have been and continue to be, poached from the wild. Because of this, and destruction of habitats, over 300 species are listed as endangered or threatened.

The Presenter: Dr. Larry Peterson grew up in Alberta and attended the University of Alberta where he received B.Ed and M.Sc degrees. He earned a PhD from the University of California, Davis and spent his career at the University of Guelph where he is currently a University Professor Emeritus. He has published over 200 papers in refereed journals, 20 book chapters, and has co-authored 3 books. His current book “When is a ‘Flower’ not a Flower and other Intriguing Questions about Plants” is co-authored with Dr. Carol Peterson. Dr. Peterson received several awards for his research including the George Lawson Medal from the Canadian Botanical Association for outstanding career contributions to Botany. He is a Fellow of the Royal Society of Canada and has received two Teaching Awards from the University of Guelph.

OCTOBER

October 28, 2019

To Be Determined

Visit www.waterlooregionnature.ca for updates on October's speaker or watch for updates via email.

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Fall Sale: Last three weeks in November



NOVEMBER

November 25, 2019

Life Lessons of a Canadian Explorer

Kyle Blaney

The Presentation: In this inspirational presentation, Kyle Blaney shares his favourite nature photos and the life lessons he learned pursuing their capture. One life-changing day seven years ago Kyle watched a Kermode bear hunt for salmon and sat in stunned silence as a humpback whale repeatedly breached. He decided that day to leave his comfortable software career and explore Canada's vast and magnificent wilderness instead. He is perpetually trying to duplicate that day but doesn't ever expect to succeed.



The Presenter: Kyle Blaney (www.kyleblaney.com) is an avid birdwatcher and nature photographer who explores Canada on his own time and as an Outreach Lead for the Shad enrichment program (www.shad.ca). Six years ago, he left a comfortable software career to pursue wilderness exploration and youth engagement. Kyle is a strong believer in citizen science, having contributed 4200 images to iNaturalist and 3800 to eBird. His images have also been published in Canadian Geographic and birding magazines in Canada and the United States. He can be followed on Instagram at @kblaney.

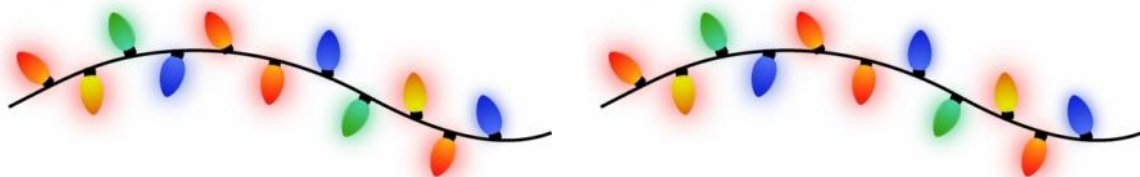
DECEMBER

December 9, 2019

Annual Holiday Party

Special Time

7pm-9:30pm



- Join us for Waterloo Region Nature's Annual Holiday Party! Come out for a great evening with friends, music, decorations, and delicious food. This event is always a great time thanks to many creative and dedicated volunteers.
- Potluck: please bring an appetizer or desserts to share!
- Fair trade, bird-friendly, shade grown coffee will be provided, as well as hot mulled local apple cider.

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317 Highland Road East
Kitchener, ON N2M 3W6

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Student (19+) \$25
Free Membership
for youth (<18)
Club year runs from
Sept. to August; New member-
ships 1/2 price after Jan. 31st

Cheques made payable to:
Waterloo Region Nature
Bring payment to
the next meeting or mail to:

Waterloo Region Nature
317 Highland Rd E.
Kitchener, N2M 3W6

Membership details at:

[https://
waterlooregionnature.ca/
membership/](https://waterlooregionnature.ca/membership/)

**WRN is a registered
charitable organization.
Membership fees and all
donations are tax
deductible.**

Objectives of WRN

TO acquire and disseminate knowledge of natural
history.

TO protect and preserve wildlife.

TO purchase and hold appropriate parcels of land for
the advancement of conservation.

TO support public interest in nature and its preservation
by supporting the enactment of wise legislation and by
other means as falls within the scope of the
Corporation.

General Information

Meetings are held on the fourth Monday of the month,
September to May with the exception of December.
Our meetings are free and visitors are always welcome.
Outings are scheduled almost every month.

Advertising Rates for The Heron:

Advertisement Size	Per issue	Full year (3 issues)
Full Page	\$200	\$520
Half Page	\$100	\$260
Quarter Page	\$50	\$130
One-tenth Page (business card)	\$25	\$65

"The Heron" is the official
publication of WRN.
Information is written and
submitted by volunteer
members of the club.
Articles reflect the views of
the authors and are not
necessarily the views
endorsed by the WRN club.
The Heron is published
three times per year.
Please see page 2 for
details.

Print copies of the
newsletter are
available at meetings free
of charge to members.
Newsletters available on
our web site at:

[https://
waterlooregionnature.ca/
newsletter/](https://waterlooregionnature.ca/newsletter/)

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www.ontarionature.org/