



Festival of de la **Nature**



Saint John, NB

June 2 to 4, 2023 | Du 2 au 4 juin 2023

www.naturenb.ca



June 2-4, 2023

Saint John

Join us for a weekend of outdoor adventure, discovery, and learning from experts!

Our **Festival of Nature** is our annual event that brings together naturalists and nature-lovers from across the province to discover nature in a particular region. The Festival of Nature offers participants a wide variety of field trips, workshops, and experiences to take it all in.

The Festival begins **Friday** evening with Nature NB's Annual General Meeting. Members are welcome to join us to learn about the work we've done in the past year and learn how they can be a voice for nature in New Brunswick. **Saturday and Sunday** are for discovering the Saint John region. Choose from a myriad of trips and outings that showcase all the area has to offer. Be guided by knowledgeable naturalists, experts, and enthusiastic local members of the community, and share an experience with old and new friends.

All participants are welcome to celebrate the year's successes with us at our Saturday evening celebration banquet. This is a casual, social event with good food, fun entertainment, and great company. You can also expect a cash bar and a fun trivia event. Tickets for the banquet can be purchased when you purchase your Festival ticket.



About Nature NB

Nature NB connects people with nature. We support a diverse network of nature-lovers across the province, providing opportunities for New Brunswickers of all ages and from all regions and backgrounds to discover, learn about, and share nature with each other. We travel throughout the province, teaching kids in their schoolyards and neighbourhoods, advocating for species at risk through local outreach, and engaging volunteers in monitoring and protecting the species and landscapes they love.

We are a non-profit, charitable organization whose mission is to celebrate, conserve and protect New Brunswick's natural heritage, through education, networking and collaboration. Founded in 1972 as the New Brunswick Federation of Naturalists, the organization is presently comprised of over a dozen naturalist clubs and hundreds of members across the province.

Message from the Executive Director

Nature NB is excited to be hosting our Festival of Nature in the Saint John region. We are thrilled to be working with the Saint John Naturalists' Club to bring you a weekend of nature experiences that we hope will showcase the remarkable beauty of the area and the incredible Bay of Fundy. Our Festival of Nature is a unique opportunity for naturalists from all over Atlantic Canada – and beyond! – to learn about and celebrate New Brunswick's natural heritage. We look forward to sharing the amazing work we've accomplished over the last year as well as that of our nature clubs.

Here's to a fantastic weekend of reconnecting
with friends and fellow naturalists!

A handwritten signature in black ink, reading "Vanessa Roy-McDougall".

Vanessa Roy-McDougall
Executive Director, Nature NB



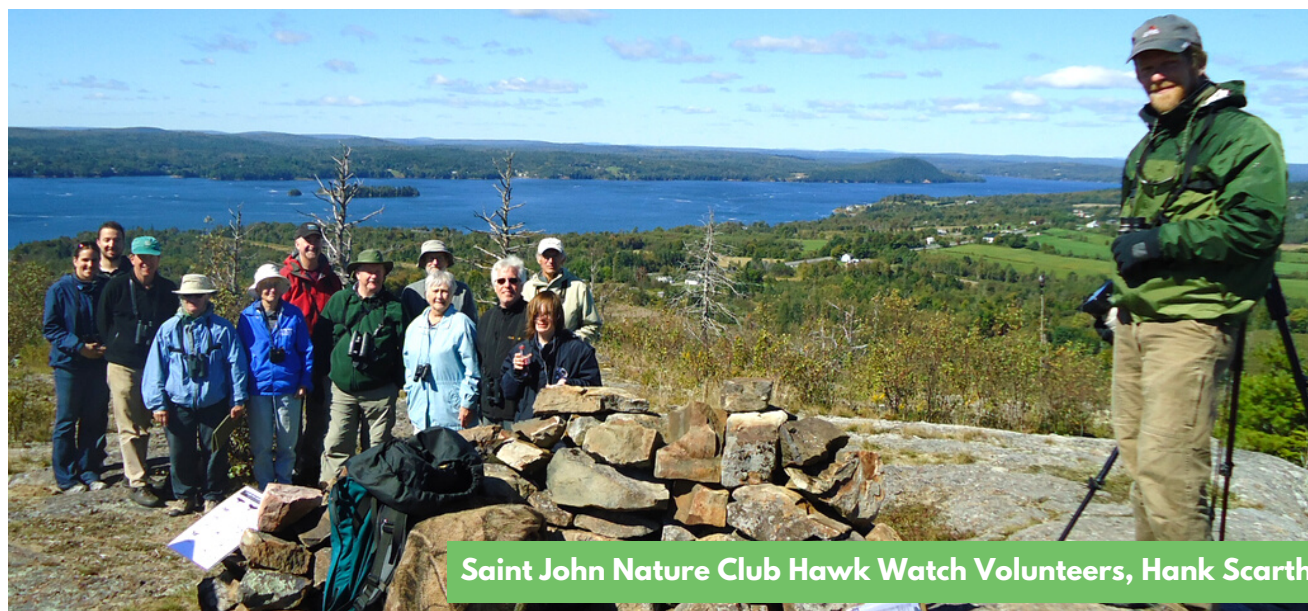
About Saint John

Saint John is a historic and beautiful city that offers an expanse of refreshing nature experiences. This is where the Wolastoq – the traditional name of the Saint John River as named by the Wolastoqiyik – meets the Bay of Fundy. Canada's oldest incorporated city is settled on this world-famous bay where tides rise an astonishing 16 meters as 160 billion tonnes of seawater flow into the bay.

In the Saint John city limits, visitors can find restoration and relaxation along the nature trails of Rockwood Park or in the little pockets of historic urban parks. There is no doubt that the city is inspired by the nature that defines it.

Visiting birders to Saint John will be pleased with the species to be observed in the region. Where the forest meets the sea, the coastal habitat hosts a variety of birds, from songbirds and raptors, to shorebirds and waterbirds. Walk the dykes at Musquash Marsh to spot American Bitterns, Virginia Rails, and Soras or stop at Irving Nature Park to see various shorebirds and waders, as well as migrating songbirds and raptors.

No matter what kind of nature interests you, you are sure to fall in love with what the Saint John region has to offer.





June 2-4, 2023

Saint John

Message from the MP

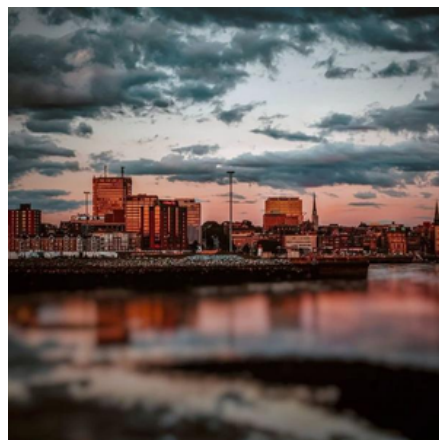
Welcome to Saint John! As the Member of Parliament for Saint John/Rothesay, I hope you enjoy your time in the region for the Festival of Nature. The Saint John region has experienced tremendous growth in recent years and is always pleased to share our history and our plans for the future.

As your hosts, Nature NB and the Saint John Naturalists' Club will ensure you experience all the natural wonders the Saint John region has to offer. From the world's highest tides or the tranquil settings in the 2,200 acres of unspoiled natural beauty that is Rockwood Park, you are sure to be captivated by the beauty and wonder that make the Saint John region a "must see" destination.

Thank you for spending time in the Saint John region and be sure to share your experiences when you return home. Let friends and family know we hope to see them soon!

Wayne Long

Member of Parliament
Saint John/Rothesay



saintjohn.ca

4 | Nature NB is a non-profit, charitable organization whose mission is to celebrate, conserve, and protect New Brunswick's natural heritage through education, networking, and collaboration.

How to Get Here

The Saint John region encompasses the city of Saint John, as well as neighbouring communities, including Rothesay and Quispamsis, which are inland from the bay along the Kennebecasis River. The hub for the Festival will be at the QPlex in Quispamsis.

Arriving from northern New Brunswick (Miramichi area)

1. Get on Trans-Canada Hwy/NB-2 W in Moncton Parish from NB-126 S
2. Follow the Trans-Canada Hwy/NB-2 W (120 km)
3. Keep left at the fork to continue on NB-1 W, follow signs for Petitcodiac/Sussex/Saint John/New Brunswick 1 (99km)
4. Take exit 141 for NB-119 toward Quispamsis/Kingston
5. Turn right onto Gondola Point Arterial/NB-119 N
6. At the roundabout, take the 2nd exit and stay on Gondola Point Arterial/NB-119 N
7. Turn left onto Vincent Rd
8. Turn right onto Randy Jones Way
9. Turn right; the QPlex will be on your right



Arriving from eastern New Brunswick (Moncton area)

1. Follow the Trans-Canada Hwy/NB-2 W (12.4 km)
2. Keep left at the fork to continue on NB-1 W, follow signs for Petitcodiac/Sussex/Saint John/New Brunswick 1 (99km)
3. Take exit 141 for NB-119 toward Quispamsis/Kingston
4. Turn right onto Gondola Point Arterial/NB-119 N
5. At the roundabout, take the 2nd exit and stay on Gondola Point Arterial/NB-119 N
6. Turn left onto Vincent Rd
7. Turn right onto Randy Jones Way
8. Turn right; the QPlex will be on your right

How to Get Here

Arriving from western New Brunswick (Woodstock area)

1. Follow the Trans-Canada Hwy/NB-2 E (116 km)
2. Take exit 306 for NB-7 toward Saint John; continue on NB-7 S (74.8 km)
3. Take exit toward NB-1 E/Saint John; continue on NB-1E (26.5 km)
4. Take exit toward Gondola Point Arterial/NB-119 N; continue onto Gondola Point Arterial/NB-119
5. At the roundabout, take the 2nd exit and stay on Gondola Point Arterial/NB-119 N
6. Turn left onto Vincent Rd
7. Turn right onto Randy Jones Way
8. Turn right; the QPlex will be on your right



Festival of Nature 2022, Peter Gadd

Things to Bring

It's important to be well-dressed and well-equipped when traveling into the field. Here are some important things to remember to wear and bring with you on Festival outings.

PLEASE NOTE: We ask all participants to bring reusable dishes and cutlery to enjoy snacks and lunch while on your outings. If you will generate any trash while in the field, you must bring a small bag or container to carry your waste with you.

BRING:

- Small backpack or daypack
- Sunscreen
- Insect repellent
- Reusable water bottle
- Snacks
- Lunch (for full-day outings)
- Binoculars
- Camera
- Small umbrella or rain hat
- Small dry bag for valuables (optional - for boating trips)
- Smart phone (optional)
- Field guides (optional)
- Notebook/sketchbook (optional)

WEAR:

- Wide-brimmed hat
- Tall socks
- Sturdy shoes or hiking boots with good support
- Light layers which can be removed as the day warms
- Rubber boots (depending on location)
- Sunglasses (optional)



Festival of Nature 2022, Ellen Seymour

Program at a Glance

****We highly encourage checking in on Friday evening**

Time	Friday, June 2	Saturday, June 3	Sunday, June 4
8:00			
9:00		Check in & Registration	Check in & Registration
10:00		Trip departures	Trip departures
11:00		Trips in progress	Trips in progress
12:00		Free time (Lunch)	Free time (Lunch)
13:00	Trip in progress	Trip departures	Trip departures
14:00	Trip in progress	Trips in progress	Trips in progress
15:00		Trips in progress	Trips in progress
16:00	Check in & Welcome Reception		
17:00			
18:00	Annual General Meeting	Celebration Banquet	
19:00	Trip in progress		
20:00			
21:00			



June 2-4, 2023
Saint John

Important Locations

Festival activities, like field trips and workshops, will take place around the Saint John region. Indoor activities will be held at the QPlex.

QPlex, 20 Randy Jones Way, Quispamsis

Our central hub for the Festival is the QPlex. Meet here to check in and pick up your registration package, find your group and leader before trips depart, and socialize during downtime between trips. Our Annual General Meeting on Friday will also be held at the QPlex.

Meenan's Cove Beach House, 199 Model Farm Road, Quispamsis

Our celebration banquet will be held at Meenan's Cove Beach House, only 10 minutes from the QPlex. Join us to celebrate the year's successes, enjoy some good food, and take part in a nature-themed trivia.





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Ticket Pricing

Early bird rate (For Members) - \$55

Registration opens: April 3rd, 2023

Choose any of our full-day or half-day outings on Saturday and Sunday to fill your schedule. Register before April 11th to have a better chance of receiving your first choice for outings

Festival registration (For General Public) - \$60

Registration opens: April 17th, 2023

Choose any of our full-day or half-day outings on Saturday and Sunday to fill your schedule.

Individual half-day outings: \$15 each

Individual outing admission is first-come, first-served at the door. Additional tickets for sold-out outings will not be available.

Celebration Banquet ticket: \$50

Join Nature NB at this casual, social event with good food and good company. You can expect a cash bar, naturalist awards, and trivia. Ticket includes a plated dinner with your choice of a chicken or vegan option. Also includes sides and dessert.

PLEASE NOTE: The Celebration Banquet is **not** included in Festival of Nature registration and must be purchased separately. Tickets can be purchased upon registering for the Festival.



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Saint John

Registration Details

You can register for the Festival of Nature online or by phone.

Register Online

Visit the Festival of Nature page at **www.naturenb.ca**, where you will be able to buy tickets for the event. Follow the prompts to choose your ticket, choose your trips, add additional items (i.e. Celebration Banquet ticket), and complete your order. Online registrations can be purchased with a credit card. When choosing your trips, please choose ONE trip in each time slot. If you choose a full day trip, please do not also choose morning and afternoon trips on the same day.

Note that all trips have a maximum number of participants. Online registration is updated in real-time, which means you will only be able to choose trips that have openings at the time you are purchasing your tickets. If a trip is full, you will not be able to select it. If you would like to be put on a waiting list for a trip that is full, please contact us by phone at **506-459-4209** or by email at **info@naturenb.ca**.

A confirmation email will be sent to you once we receive your registration. This email comes from Eventbrite and you may need to check your Junk folder if it does not come to your Inbox.

Register By Phone

Please call the Nature NB office at **506-459-4209** and an employee will assist you with your registration.

Cancellation/Refund Policy

If you purchased tickets but can't come to the Festival, you can cancel your registration up to 2 weeks in advance and be fully refunded. To receive a refund, notice of your cancellation must be received by Nature NB no later than 4:00 PM on Thursday, May 18, 2023.

If you cancel your registration after the refund deadline, you will not receive a refund.

Outings & Other Program Details

Please note that some trips include an extra cost and that some trips are weather dependent.

***Extra cost:**

Please have the indicated amount of cash on-hand to pay to the trip leader on the day of the trip. These costs cover equipment rentals, transportation, supplies, and other additional items that make the trip possible.

**** Weather dependent:**

These trips rely on good weather to proceed as written. In the event of inclement weather, we will do our best to offer a similar experience without the weather-dependent elements (e.g. boats). In the event of cancellation, participants will be notified before the trip departure and you will have an opportunity to choose another trip instead. Please consider choosing a back-up trip in advance, particularly if the forecast calls for wind or rain.

— Kids Welcome!:

Trips that welcome family participation with kids under 12 are marked in the trip description.



Festival of Nature 2022, Ellen Seymour



June 2-4, 2023

Saint John

Friday, June 2

Afternoon Outing

1. Tour of Crane Mountain Landfill

Time: 13:15 - 16:15

Difficulty: Easy

Language: English

Maximum participants: 30

Starting in the Interpretive Centre, gathered around a scale model, you will learn about the creation of the landfill and the environmental protections in use. You will also discuss the local programs for composting, recycling and reduction of waste. The tour will include the electrical generator (using landfill gas), the recycling sorting facility, and the compost facility. Bring your questions! Staff will keep it lively and reward you with prizes!

— *Kids Welcome!*

Evening Outing - No Registration Required!

Sun-Earth-Moon Interaction

Time: 20:00 - 21:30

Difficulty: Moderate

Language: English

The Sun and Moon act alone and in concert to create natural phenomena experienced on Earth: tides, eclipses and aurorae. This presentation will explain why they occur and provide tips on how to observe them. Of note, Central New Brunswick will experience its first total solar eclipse in more than a century next year, and the Sun is approaching its maximum sunspot activity when the northern lights are more likely to occur. Weather permitting, telescope views of Venus, Mars and the almost full Moon will be offered to those who wish to linger.

Saturday, June 3

Early Morning Outing

2. Early Morning Waterfowl Walk**

Time: 4:00 - 8:00

Difficulty: Easy

Language: English

Maximum participants: 30

Join the Nature Trust of New Brunswick and local waterfowl expert, Cassandra Colwell, for an early morning stroll at the Saints Rest Marsh Nature Preserve. Watch the sun rise over the marsh while Cassandra leads the group through the Birds Canada Maritime Marsh Monitoring Program protocol, identifies present waterfowl species and guides the group on a short hike by the beautiful Saints Rest Marsh.

In case of rain, this event will be held on Sunday.



Saints Rest Marsh

Saturday, June 3

(... continued)

Full-Day Outings

3. Base Gagetown Nature Initiatives

This field trip has been cancelled

4. Exploring Little Salmon River and Walton Glen Gorge**

Time: 8:30 - 16:00

Difficulty: Difficult

Language: English

Maximum participants: 8

Hike through a moss and coastal forest to where the Fundy Footpath enters the Little Salmon River Protected Natural Area. Tide permitting, we will walk to the mouth of Little Salmon River for lunch. After, we will hike in the Little Salmon River Gorge up to Walton Glen Brook and into the Walton Glen Gorge, New Brunswick's Grand Canyon. Our hike will take us through the Eye of the Needle and near the foot of Walton Glen Falls. At the top of the Gorge, we will return to the Walton Glen Interpretation Centre. We will chat about the flora and fauna of the area while we hike as well as the long past settlement at Little Salmon River.

5. Outdoor Climb with FBC**

Time: 8:45 - 16:00

Difficulty: Moderate

Language: English

Maximum participants: 15

Join the Fredericton Bouldering Cooperative team and learn to climb! You'll be guided through all the steps - from gearing up to getting on the rock, by our amazing coaching team. Top rope climbing is a style of climbing where the climber is securely attached to a rope which then passes up, through an anchor system at the top of the climb, and back down to a belayer at the base of the climb, making it a great way for you to get your first rock climbing experience!



Welsford Cliffs, Trailpeak

Saturday, June 3

(... continued)

Morning Outings

6. Bioblitz with the KWRC

Time: 8:00 - 12:00

Difficulty: Easy

Language: English

Maximum participants: 20

Come see one of the KWRC restoration sites on the Kennebecasis River, contribute to riparian resilience by planting some trees, and take in the surroundings through a bioblitz activity,

— *Kids welcome!*

7. A Morning at Tucker Park**

Time: 8:00 - 12:00

Difficulty: Moderate

Language: English

Maximum participants: 25

Enjoy a fun filled visit to Tucker Park, a Stonehammer UNESCO Geosite. The program integrates active recreation and learning about the importance of protecting our natural environment. Activities include walking along the Woodland and River trails and kayaking as you learn about the history of Tucker Park, the ancient rocks at Tucker Park, and the "Dinosaur Fish" that inhabit the Species at Risk waters adjacent to Tucker Park. Enjoy amazing vistas along the River Trail including a viewing platform overlooking the Kennebecasis River and the Indigenous Islands that are located just off Red Rock Look-Out.

— *Kids welcome!*

8. Tour of Point Lepreau Nuclear Generating Station

Time: 8:00 - 12:00

Difficulty: Moderate

Language: Bilingual

Maximum participants: 15

Journey inside the Point Lepreau Nuclear Generating Station for a behind the scenes tour with Kathleen Duguay and a site cultural interpretation by Austin Paul.

9. Hay Barns and Bobolinks at Shamper's Bluff

Time: 8:30 - 11:30

Difficulty: Moderate

Language: English

Maximum participants: 20

Join staff from the Nature Conservancy of Canada (NCC) and our partners at Shamper's Bluff Nature Reserve to learn about how we're working together to manage habitat for Bobolink on working farm lands. You'll spend time with NCC staff, species expert(s), and farmers to view Bobolink in their habitat and talk about what it takes to ensure the land provides for the farm and for wildlife. A short guided hike of the forest trails on Shamper's Bluff will follow.

— *Kids welcome!*

Saturday, June 3

(... continued)

10. Getting Closer to Plants & Why they Grow where they Grow

Time: 8:45 - 11:45

Difficulty: Easy

Language: Bilingual

Maximum participants: 20

Introductory workshop on plants: how to look at them, how to identify them, and why they grow where they grow. Bring a hand lens if you have one!

— *Kids welcome!*

11. Birding the Valley

Time: 8:45 - 11:45

Difficulty: Easy

Language: English

Maximum participants: 12

Explore a few hotspots in the Kennebecasis River Valley nestled in the towns of Rothesay and Quispamsis. Waterfowl, migrant songbirds, and resident species along with a variety of non-avian nature is sure to be of interest.



Festival of Nature 2022, Ellen Seymour

12. Birding Rockwood Park

Time: 9:00 - 12:00

Difficulty: Easy

Language: Bilingual

Maximum participants: 15

At a time when we often hear about limiting our travels to observe birds but also about the urban adaptation of certain species, Rockwood Park located just north of downtown Saint John is a good place to experience these two phenomena. More than 140 species of birds have been observed there and in early June we can expect to find many breeders such as warblers, vireos, ducks as well as gulls and many others. Accessibility is particularly good here thanks to the network of paved roads leading to multiple hiking trails offering excellent access to the diverse habitats of the park which in turn are home to many species. And who better than an experienced ornithologist like Roger Leblanc to guide you.

13. Port of Saint John Waterbird Survey

Time: 9:00 - 12:00

Difficulty: Moderate

Language: Bilingual

Maximum participants: 15

Join Nature NB's Conservation Program Coordinator, Lauren Verner, and learn about the Port of Saint John Waterbird Survey! Enjoy learning about waterbirds in the Saint John area, and help contribute to citizen science initiatives that will help inform future conservation work in and around the Port of Saint John.

— *Kids welcome!*

Saturday, June 3

(... continued)

Afternoon Outings

14. Irving Nature Park

Time: 13:30 - 15:30

Difficulty: Moderate

Language: English

Maximum participants: 30

Join Irving Nature Park staff for a guided hike of the trails! The very knowledgeable staff will lead you on the trails of this incredible park as you take in the beauty of the Saint John region.

— *Kids welcome!*

15. A Walk with a Camera**

Time: 13:30 - 15:30

Difficulty: Moderate

Language: English

Maximum participants: 10

A hike along the Bay Of Fundy. An opportunity to see the beauty of coast and hundreds of photo -ops. The length of the hike is about 5 km return.



Boars Head Nature Preserve, Hiking NB

16. Interpretive Nature Walk at New River Beach

Time: 13:30 - 16:30

Difficulty: Easy

Language: English

Maximum participants: 30

Join CPAWS New Brunswick for an interpretive nature walk at New River Beach. Meet us at the trail head to the Barnaby Head Trail (located at 29 Carrying Cove Rd, New River Beach) for an interpretive nature walk. CPAWS NB educators will be leading this walk and sharing their knowledge on some of the beautiful tree species that make up the coastal forest, important plants that are local to the park, and animals that you might see along the way. All are welcome for the walk, and no hiking experience is required.

— *Kids welcome!*

17. Plant Walk at Boars Head Nature Preserve

Time: 13:45 - 15:45

Difficulty: Easy

Language: English

Maximum participants: 10

Join Susan Belfry at the Nature Trusts of New Brunswick's Boars Head Nature Preserve for a plant walk! The walk is on a 1.85 km trail that meanders through red spruce groves and cedar wetlands. Susan is a volunteer with UNB Herbarium as well as with the Nature Trust.

Saturday, June 3

(... continued)

18. Community Fish Monitoring

Time: 13:45 - 15:45

Difficulty: Easy

Language: English

Maximum participants: 20

Join ACAP Saint John as they demonstrate how they monitor fish species in the Saint John Harbour. Participants will be given the opportunity to complete a beach seine - a method for capturing fish that involves pulling a seine net through the water. Fish captured will then be identified and overall results to date will be discussed.

— *Kids welcome!*

19. Mission Monarch: A community science framework for monarch conservation

Time: 14:00 - 16:00

Difficulty: Easy

Language: English talk, Bilingual Q&A

Maximum participants: 30

In this talk, the speaker discusses the conservation context of monarchs in Canada and provides a community science framework to take action. Participants will learn how to document the presence of monarchs and milkweeds in order to help the scientific community protect this iconic species. After the talk, participants will have the opportunity to conduct a field mission in a nearby site. A Mission Monarch coordinator will be available to answer any questions and help guide participants in their field observations.

20. Ghost Gear Rope Mat Weaving Workshop

Time: 14:00 - 16:00

Difficulty: Easy

Language: English

Maximum participants: 12

In partnership with Port Saint John & Boatique, create your own recovered ghost gear floor mat. Participants can work alone or in pairs and will learn about the Fundy North Fishermen's Association's Ghost Gear Retrieval Program and create their own floor mat from repurposed rope.

— *Kids welcome!*



Milkweed survey 2022, Madeline Fox

Sunday, June 4

Morning Outings

21. Musquash Estuary Hike

Time: 8:00 - 11:00

Difficulty: Moderate

Language: English

Maximum participants: 15

Join the Nature Conservancy of Canada and our conservation partners for a 1/2 day guided hike along "Troy's Trail", a loop hike which starts at the Black Beach parking lot and follows the coastline to the Musquash Head Lighthouse, returning along the lighthouse road. This hike is rated as moderate, with some rocky/rooty sections, a few short climbs, and minor sea-cliff exposure. Participants will experience beautiful views of the Marine Protected Area on this 2 to 2.5-hour-long, 3.5km hike.

22. A Morning at Tucker Park**

Time: 8:00 - 12:00

Difficulty: Moderate

Language: English

Maximum participants: 25

Enjoy a fun filled visit to Tucker Park, a Stonehammer UNESCO Geosite. The program integrates active recreation and learning about the importance of protecting our natural environment. Activities include walking along the Woodland and River trails and kayaking as you learn about the history of Tucker Park, the ancient rocks at Tucker Park, and the "Dinosaur Fish" that inhabit the Species at Risk waters adjacent to Tucker Park. Enjoy amazing vistas along the River Trail including a viewing platform overlooking the Kennebecasis River and the Indigenous Islands that are located just off Red Rock Look-Out.

— Kids welcome!



New River Beach, @newriverbeachnb

23. Mountain Biking Adventure with Be Rad Adventure Co.*

Time: 8:00 - 12:00

Difficulty: Easy

Language: English

Maximum participants: 12

Join our certified Leaders for a mountain biking experience at Irving Nature Park. We will lead you on the ~7km road loop with stops along the way for snacks, and to take in the amazing scenery! Be sure to bring a well-tuned off-road bicycle (link) and have \$15 on hand to pay Be Rad Adventure Co.

— Open to kids ages 8 and up!

Sunday, June 4

(... continued)

24. Rediscovering Lepreau Falls with Parks NB and Eastern Charlotte Waterways**

Time: 8:15 - 12:00

Difficulty: Moderate

Language: Bilingual

Maximum participants: 20

Paddle with Parks NB from New River Beach towards Lepreau Falls where you will meet up with folks at ECW to learn about river health and water quality in the Bay of Fundy watershed.

— *Kids welcome!*

25. Birding Beyond Binoculars

Time: 8:30 - 11:30

Difficulty: Moderate

Language: Bilingual

Maximum participants: 15

Learn about identifying birds with or without binoculars. In addition to using binoculars, there are clues that birders can use to identify birds. We will learn about identifying birds base on their behaviors, habitats, sizes, shapes, colors, calls and songs. This event is open to anyone who wants to learn more about bird identification.

26. A Botanical Journey on Black Beach Trail

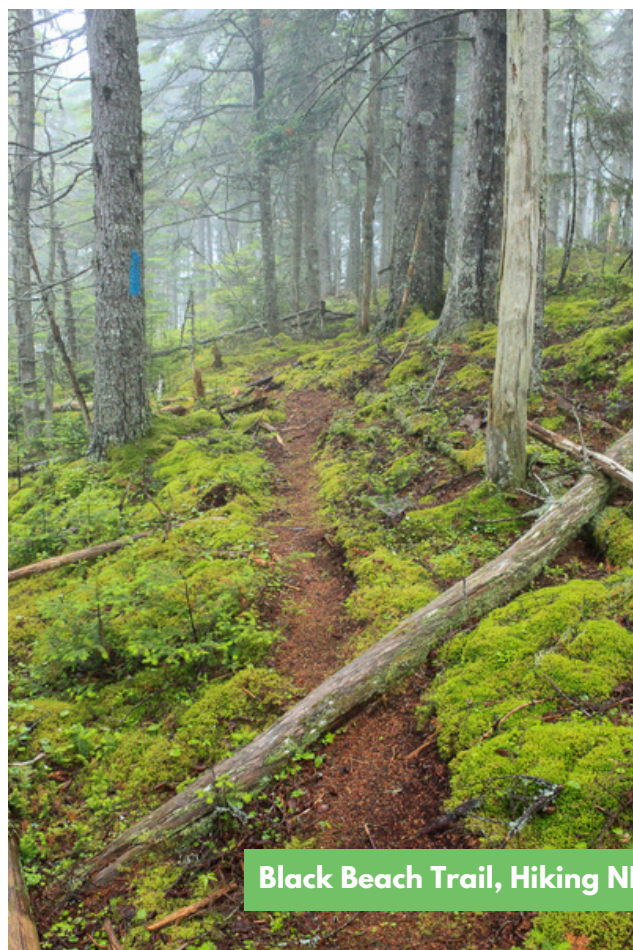
Time: 8:30 - 11:30

Difficulty: Moderate

Language: English

Maximum participants: 20

Join Gart Bishop and co-leader Bruce Bagnell on a botanical journey which will vary from examining the very tiny (mosses) to the large (trees) ... and so much in-between. The walk will be on the Nature Conservancy of Canada's Black Beach Trail, located on the Musquash estuary as it opens into the Bay of Fundy. The trail is listed as moderate in difficulty, and there will likely be a few side trips off the trail, one to visit a small fen (wetland). Hiking boots or sturdy rubber boots are recommended. Distance will be about 2.2 km. If you have a hand lens (magnifying lens) you will most certainly make use of it.



Black Beach Trail, Hiking NB

Sunday, June 4

(... continued)

27. Birding Hampton Rotary Nature Park

Time: 8:45 - 11:45

Difficulty: Easy

Language: English

Maximum participants: 15

Hampton sewage lagoon and Spooner Island nature trail are great spots for a variety of bird species. The trails are easy for walking with great view points for seeing waterfowl, waders, Turkey Vultures, and song birds.

— *Kids welcome!*

28. Guided Mushroom Walk

Time: 8:45 - 11:45

Difficulty: Easy

Language: English

Maximum participants: 25

On this field trip, you will look for early-fruiting mushrooms in the woods, learn about how to identify them and their important ecological roles in forest ecosystems.

— *Kids welcome!*

29. The Valley Rocks!

Time: 9:00 - 12:00

Difficulty: Easy

Language: English

Maximum participants: 25

Remember the main rock types we learned about in elementary school? All three - igneous, sedimentary and metamorphic - can be found along the Kennebecasis Valley. Visiting about five sites, we will see and even stand on an ancient carbon capture project, the remnants of a fast-flowing river system at the base of an ancient mountain range and a solidified pile of volcanic ash. We will also look for evidence of the "recent" Ice Age and talk about how we know how old rocks are.

— *Kids welcome!*

30. First Nations technology as seen through the archaeological record

Time: 9:00 - 12:00

Difficulty: Easy

Language: English

Maximum participants: 30

This is a presentation with a question and answer period. We will examine technological changes throughout the 13,000 year history of human/landscape interaction within New Brunswick and the surrounding area. We will discuss some of the benefits to studying the archaeological record, as well as the limitations that it presents. Through this presentation, you will broaden your perspective of the cultural sophistication of the First Peoples who called this land their home.



Festival of Nature 2022, Ellen Seymour

Sunday, June 4

(... continued)

Afternoon Outings

31. Irving Nature Park

Time: 13:30 - 15:30

Difficulty: Moderate

Language: English

Maximum participants: 30

Join Irving Nature Park staff for a guided hike of the trails! The very knowledgeable staff will lead you on the trails of this incredible park as you take in the beauty of the Saint John region.

— *Kids welcome!*

32. Raptor Identification

Time: 13:30 - 15:30

Difficulty: Moderate

Language: English

Maximum participants: 30

This raptor identification workshop will describe how to identify all regularly occurring species of raptors and vultures (roughly 13 species). It will cover both perched and in-flight identification.

33. Nature Walk at Dutch Point Nature Trail

Time: 13:45 - 15:45

Difficulty: Easy

Language: English

Maximum participants: 15

Hampton's Dutch Point trail system hugs Ossekeag Creek Marsh and then loops up through mixed woodlands within the town limits of Hampton. It is a great place to see many species of birds, insects and animals as well as a variety of plant species.



Irving Nature Park

34. Wetland Exploration

Time: 13:45 - 15:45

Difficulty: Easy

Language: English

Maximum participants: 30

Bring/wear your rubber boots to explore the wonder of wetlands. Participants will learn about the plants and animals that call wetlands home. We will finish our activity by searching for aquatic invertebrates in the wetland using dipping nets and guide sheets; the invertebrates are returned unharmed after observation.

— *Kids welcome!*

Sunday, June 4

(... continued)

35. Invasive Plant Identification Paddle**

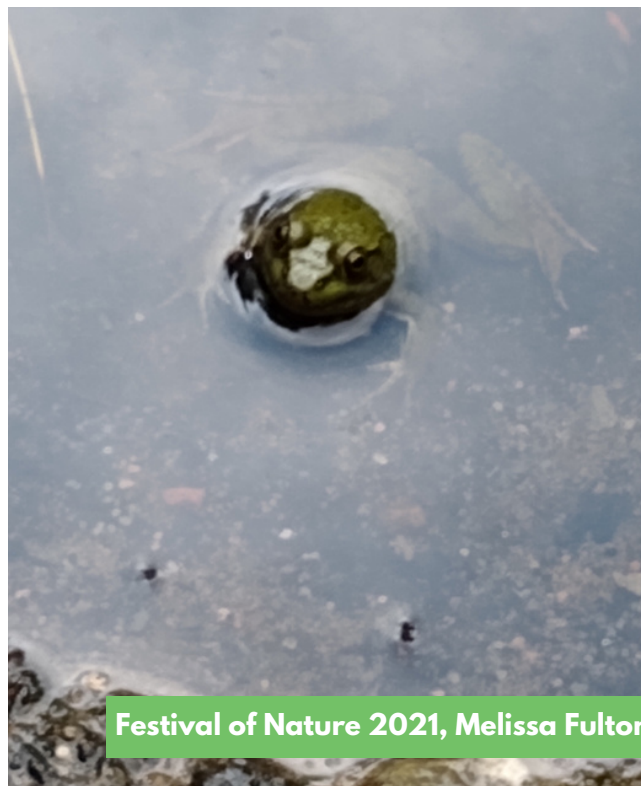
Time: 13:45 - 15:45

Difficulty: Moderate

Language: English

Maximum participants: 12

Join the New Brunswick Invasive Species Council to learn how to identify native and invasive aquatic plants, and then test your identification skills during a guided paddle along the Kennebecasis River. Participants can use their personal watercraft (ex: kayak, canoe, or paddleboard) or rental arrangements can be made.



Festival of Nature 2021, Melissa Fulton

36. Aerial Insectivore Identification & Foraging Observation

Time: 14:00 - 16:00

Difficulty: Moderate

Language: English

Maximum participants: 20

Visit a local natural area to try to observe as many aerial insectivore species as you can and discuss identification, foraging behaviours, importance of roosting sites, and the threats to these habitats and nest sites.

37. Discover Stonehammer

Time: 14:00 - 16:00

Difficulty: Moderate

Language: English

Maximum participants: 25

Take this walking tour of Reversing Falls Geosite, exploring the impact of tectonic plates and continents colliding here inside Stonehammer's Region. We will touch on the rich history along these waters and tell stories of the first peoples, which lead to scientific discoveries. This includes a brief hike to three viewing locations that offer the best sights amongst three different Continents.

38. Frog Walk

Time: 14:00 - 16:00

Difficulty: Easy

Language: English

Maximum participants: 14

Explore the world of NB amphibians (frogs and salamanders) in Saint John's Rockwood Park. Search for frogs in the ponds and hopefully uncover some salamanders in the forest. Bring rubber boots if you have them.

— Kids welcome!

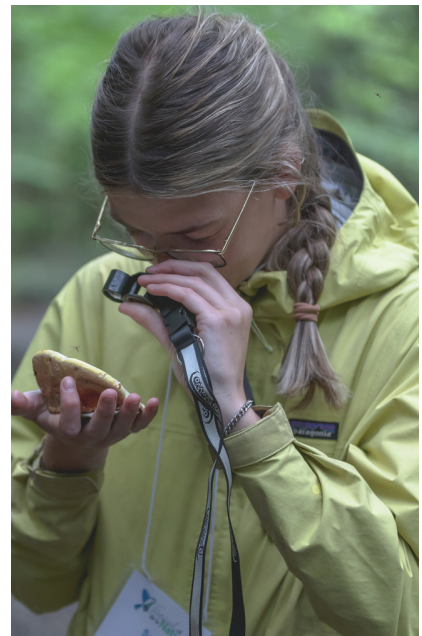
Outings – Quick Reference Guide

Friday, June 2				
Outing	Outing Title	Time	Leader(s)	Language
1	Tour of Crane Mountain Landfill	13:15 - 16:15	Janine van Winssen Public Education Coordinator	English
Saturday, June 3				
Outing	Outing Title	Time	Leader(s)	Language
2	Early Morning Waterfowl Walk	4:00 - 8:00	Pierrette Janes Cassandra Colwell	English
3	Base Gagetown Nature Initiatives	8:00 - 16:00	Rebecca Whiteway	English
4	Exploring Little Salmon River & Walton Glen Gorge	8:30 - 16:00	Tom Raithby Penny Driscoll-Raithby	English
5	Outdoor Climb with FBC	8:45 - 16:00	Emma Farlow	English
6	Bioblitz with the KWRC	8:00 - 12:00	Ellen MacGillivray	English
7	A Morning at Tucker Park	8:00 - 12:00	B J MacDonald	English
8	Tour of Point Lepreau Nuclear Generating Station	8:00 - 12:00	Kathleen Duguay Austin Paul	Bilingual

Outing	Outing Title	Time	Leader(s)	Language
9	Hay Barns & Bobolinks at Shamber's Bluff	8:30 - 11:30	Aaron Dowding	English
10	Getting Closer to Plants & Why they Grow Where They Grow	8:45 - 11:45	Sabine Dietz	Bilingual
11	Birding in the Valley	8:45 - 11:45	Paul Mansz	English
12	Birding Rockwood Park	9:00 - 12:00	Roger Leblanc	Bilingual
13	Port of Saint John Waterbird Survey	9:00 - 12:00	Lauren Verner	Bilingual
14	Irving Nature Park	13:30 - 15:30	Irving Nature Park Staff	English
15	A Walk with a Camera	13:30 - 15:30	Gary Colwell	English
16	Interpretive Nature Walk at New River Beach	13:30 - 16:00	Melanie Jellett	English
17	Plant Walk at Boars Head Nature Preserve	13:45 - 15:45	Susan Belfry	English
18	Community Fish Monitoring	13:45 - 15:45	Roxanne MacKinnon	English
19	Mission Monarch: A community science framework for monarch conservation	14:00 - 16:00	Alessandro Dieni	Bilingual

Outing	Outing Title	Time	Leader(s)	Language
20	Ghost Gear Rope Mat Weaving Workshop	14:00 - 16:00	Sheena Young	English
Sunday, June 4				
Outing	Outing Title	Time	Leader(s)	Language
21	Musquash Estuary Hike	8:00 - 11:00	Aaron Dowding	English
22	A Morning at Tucker Park	8:00 - 12:00	B J MacDonald	English
23	Mountain Biking Adventure with Be Rad Adventure Co.	8:00 - 12:00	Samantha Bosence	English
24	Rediscovering Lepreau Falls with Parks NB and Eastern Charlotte Waterways	8:15 - 12:00	Brendan McGuire	Bilingual
25	Birding Beyond Binoculars	8:30 - 11:30	Roland Chiasson	Bilingual
26	A Botanical Journey on Black Beach Trail	8:30 - 11:30	Cart Bishop Bruce Bagnell	English
27	Birding Hampton Rotary Park	8:45 - 11:45	Paul Martin	English
28	Guided Mushroom Walk	8:45 - 11:45	Alfredo Justo	English

Outing	Outing Title	Time	Leader(s)	Language
29	The Valley Rocks!	9:00 - 12:00	Don MacPhail	English
30	First Nations Technology As Seen Through The Archaeological Record	9:00 - 12:00	Austin Paul	English
31	Irving Nature Park Hike	13:30 - 15:30	Irving Nature Park Staff	English
32	Raptor Identification	13:30 - 15:30	Todd Watts	English
33	Nature Walk at Dutch Point Park	13:45 - 15:45	Paul Martin	English
34	Wetland Exploration	13:45 - 15:45	Samantha Brewster	English
35	Invasive Plant Identification Paddle	13:45 - 15:45	Claire Ferguson	English
36	Aerial Insectivore Identification & Foraging Observation	14:00 - 16:00	Graham Sorenson	English
37	Discover Stonehammer	14:00 - 16:00	Patrick Sorenson	English
38	Frog Walk	14:00 - 16:00	Greg Jongsma	English



Loved your experience at the Festival of Nature?
Write about it for our magazine, *NB Naturalist*!

Our submissions are always open for articles and reports about the natural history of New Brunswick. Submissions on other topics such as astronomy, ecology, and geology are also welcome. Members are encouraged to submit articles on personal encounters with wildlife of natural areas within New Brunswick.

Find out more online at naturenb.ca/nb-nauraliste-magazine



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Program and registration available online at
www.naturenb.ca

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 Subsidies available.

