



Botanical Society of America

Invitation to the 2024 Joint Field Meeting of the:

Botanical Society of America, Northeastern Section
Torrey Botanical Society & Philadelphia Botanical Club

June 3-7, 2024 (Monday to Friday)

Bruce Peninsula, Ontario

Evergreen Resort, 139 Resort Rd, (Red Bay),
South Bruce Peninsula, Ontario, Canada N0H 2T0

Each year the Botanical Society of America, the Torrey Botanical Society, and the Philadelphia Botanical Club sponsor a field meeting in an area of northeastern North America. The 2024 meeting will finally return (after delays due to Covid) to the Bruce Peninsula, Ontario and will be housed at the Evergreen Resort.

www.evergreenresortredbay.ca

The narrow Bruce Peninsula is a continuation of the Niagara Escarpment that juts many miles out into Lake Huron; dolomitic limestone capping rock separates the calm sandy shores of Lake Huron from the rugged cliffs above Georgian Bay. Above these sharp cliffs lie flat dry plains called alvars, where unusual plants cope with harsh conditions. Nearby in depressions are calcareous fens, and boreal forests of balsam fir, cedar and birch. The diversity of orchids and unique habitat-specialist plants is remarkable. This is one of the world's prime areas for field botany.

The event will run from Monday Jun 3, 2024 (arrive at Evergreen Resort for registration, dinner and evening program) to Friday Jun 7, 2024 (breakfast and depart for home)

Entry into Canada

The best document to use is a Passport - **make sure your passport is up to date**. Other acceptable forms of identification for entry into Canada include a NEXUS card and an enhanced driver's license. Please attend to your entry requirements ASAP, so you don't have the lack of proper documentation preventing you from attending. Canada will not allow a U.S. citizen into the country who does not have the proper documentation to return home.

Field Trips

Our exact itinerary will depend on weather conditions and highlights discovered by our leaders prior to the event. We are planning on visiting a number of fascinating areas and habitats. There are so many interesting areas to explore on the Bruce, the biggest difficulty is in narrowing the potential list of sites down to a manageable size. We could easily spend two whole weeks here!

We will explore a variety of habitats, including alvars, sandy shorelines, marl fens, upland forest, forested dunes, marshland, and rocky forest.

The Bruce is home to a number of endemic species, which are found nowhere else, or only in limited areas beyond the Bruce. Just a few of the species highlights we expect to see are Ram's Head Lady Slipper, Sticky Tofieldia, Dwarf Lake Iris, Lakeside Daisy, Butterwort, Hookers Orchid, rare ferns, Seaside Arrowgrass, Buckbean, Indian Paintbrush, Tamarack, Bladderworts, and many more.

To limit our impact on sensitive environments, we will split into two groups each day, each with a leader. We will carpool, maps and directions to each area will be provided.

Field trips are being organized and led by Walter Muma and Tyler Miller. Both are experienced field botanists with a focus on the Bruce Peninsula.

Publications

Grey_Bruce Plant List: This has been newly revised, and we hope to have copies of this available for sale at the event.

The Vascular Plants of the Bruce Peninsula: Finally, we have a Flora for the Bruce, BUT... sorry, it is now out of print. It is only mentioned here so you know it will be hard to locate a copy.

Evening Speakers

Evening presentations will include orchids of Grey-Bruce, parasitic and carnivorous plants of the Bruce, and more. These will be presented by Walter Muma, Tyler Miller, and others.

Tuesday evening will feature "Orchid Quest", by Willy and Audrey Waterton, about their two-year quest to find and photograph all of the orchid species of Grey-Bruce. The resultant book, Orchids of Grey-Bruce, will be available for purchase at this entertaining and informative presentation.

Lodging

Housing will be at Evergreen Resort, 139 Resort Rd, (Red Bay), South Bruce Peninsula, Ontario, Canada N0H 2T0 www.evergreenresortredbay.ca

Evergreen is a rustic resort with the atmosphere of the 1930's. Cabins include all bedding linens and towels, and daily housekeeping.

The lovely Evergreen Resort is one of the long-standing "family" lodges located along the Lake Huron shoreline at the base of the Bruce Peninsula. The lodge opened in 1950 and remains owned and operated by the Bennett family. The Bennett's have always worked to maintain as natural a setting as possible and focus on the surrounding natural history as part of the lodge's appeal.

Dining

Breakfasts and dinners will be served at Evergreen Resort. Lunch is box-style and will be picked up at breakfast each day.

Invasive Species Note

In order to help protect the plants, ecosystem and beauty that the Bruce Peninsula has to offer from the introduction and spread of invasive species, please exercise these simple best practices before and upon arrival:

- REMOVE propagules (plant parts), seeds and mud from boots, gear, and vehicle
- STAY on designated trails

- CLEAN your gear before entering and leaving these globally rare habitats

For more information visit: <https://www.playcleango.org/help-stop-invasive-species-with-playcleango>

Walter Muma Bio:



Walter is an avid experienced field botanist who focusses much of his botany explorations on Grey and Bruce counties, and from Newfoundland to Lake Superior and down into the Smoky Mountains of Tennessee. His outdoor interests, which he has pursued since his teenage years, include tracking and wilderness survival, hiking, backpacking, canoeing, and just generally “wandering the wild areas”. He is the curator of the Ontario Wildflowers website, as well as the Ontario Trees, Ontario Ferns, and Ontario Grasses websites, which are “go to” sites for parks staff, environmental consultants and others who are in the business of identifying

wildflowers and other plants in the field. In addition to these sites, he has created many other websites relating to survival, tracking, and the outdoors. In his work life he is a busy self-employed accounting software consultant, custom software developer, and accountant. Walter and his wife Julie reside in Grey County on their 100 acre natural and farmland property.

Tyler Miller Bio:

Tyler has spent the entirety of his life interested in the natural environment; this naturalist's curiosity inspired him to pursue a career in ecology. Over the last decade, Tyler has worked as a field ecologist with the Ontario Provincial Ministry of Natural Resources and Forestry and currently the Federal National Parks Canada in Tobermory. Tyler's career and hobbies have shaped him into a well-round naturalist with an expertise in field botany.



2024 Joint Field Meeting Registration - Maximum 40 Participants - Deadline April 12, 2024

This meeting is open to anyone interested. It is not restricted to members or the sponsoring organizations.

Name(s): _____

Address: _____

Cell Phone _____ email _____

Do you need vegetarian meals? _____ Other dietary restrictions? _____

There is a \$15 additional fee/person for attendees who are not members of the Botanical Society of America. This \$15 fee will be donated to BSA on your behalf. Alternatively, we suggest everyone join this fine organization.

Speakers, field trips, meals, and lodging	\$685.00/person
Speakers, field trips, meals, but NO lodging	\$450.00/person
Speakers, field trips, but NO meals or lodging	\$300.00/person

Amount (see above) _____ X _____ persons Subtotal _____

Donation for non-members of Botanical Society of America:

\$15.00 X _____ persons Subtotal _____

Payment enclosed _____ Total _____

Registration fees should be paid in US dollars. (no refunds after May 3rd, 2024)

Make your check for full payment, payable to the Botanical Society of America, and send with this registration form to: **Bonnie L. Isaac, Carnegie Museum of Natural History, Section of Botany, 4400 Forbes Avenue, Pittsburgh, PA 15213**

Canadian attendees only may pay the registration fee by calling the BSA office and have their credit card charged for the fee over the phone. (314.577.9566) **A registration form must still be sent to Bonnie Isaac at the above address.**

I can be a driver for car-pooling _____ Excluding myself, I can take _____ other people.

Person with whom you wish to share a room _____

You may assign me to any room, but I prefer a male _____ prefer a female _____ no preference _____

Emergency Contact _____ Number _____

I am a member of the Botanical Society of America _____, Torrey Botanical Society _____,

Philadelphia Botanical Club _____, Other _____

In making this application, I affirm that I am in general good health, are physically able to keep up with the group in the ordinary course of field activities, accept as personal risk the hazards inherent in any outdoor activity. I assume all risks and sole responsibility for any injury (including, but not limited to, personal injury, disability, and death), illness (including, but not limited to Covid-19), damage, loss, claim, liability, or expense, of any kind, that attendee may experience or incur in connection with attending the Field trip.

In addition, I give my permission for medical treatment to be administered in such case as deemed necessary by a trained medical professional. I will not hold the Botanical Society of America, or other sponsoring organizations, or the trip leaders responsible for the same.

Signature _____

Date _____