Invitation to the 2020 Joint Field Meeting of the:
Botanical Society of America, Northeastern Section
Torrey Botanical Society & Philadelphia Botanical Club

June 9-13, 2020 (Tuesday to Saturday)
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 northeastern North America. Those attending the 2020 meeting will explore 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; 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.

Tuesday, June 9, 2020 (arrive at Evergreen Resort for dinner and evening program) to Saturday, June 13, 2020 (breakfast and depart for home)

Make sure your passports are up to date. A valid passport is required to enter Canada. Please attend to your entry requirements ASAP, so you don't the lack proper documentation to prevent you from attending.

Field Trips
Although our exact itinerary depends on weather conditions and highlights discovered by our leaders prior to the event, we are planning on visiting three fascinating areas. This is just an outline, subject to change. There are so many interesting areas to explore on the Bruce, the greatest difficulty is in narrowing the potential list of sites down to a manageable size. We could easily spend two whole weeks here!

To limit our impact on sensitive environments in Dorcas Bay and the Lake Huron sites, we will split into two groups, each with a leader. We will carpool, maps and directions to each area will be provided.

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

We will spend Day 1 on Flowerpot Island, a forested island off the tip of the Bruce that has been weathered into arches, grottos, and the striking stacks of rock (flower pots). We will traverse through a mossy forest looking for the Calypso Orchid, Twayblades, Twinflower, Naked Miterwort and other gems.

The second day we will explore the Singing Sands and the Dyer’s Bay Road area. These areas feature wet sandy fens, sand dune complexes, open alvar clearings and white cedar swamps, and dolomite pavement. Expect Ram’s Head Orchid, Sticky Tofieldia, Dwarf Lake Iris, Lakeside Daisy, and Butterwort.

The third day, we will explore a variety of habitats ranging from sites along the Red Bay/Oliphant shoreline, including fens, old-growth Walker’s Woods, Sauble Beach dunes and an upland Maple forest. Marsh Arrowgrass, Buckbean, Indian Paintbrush, Tamarack, Horned Bladderwort are among the many plants to expect.

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.

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

**Lodging**
Housing will be at Evergreen Resort, 139 Resort Rd, (Red Bay), South Bruce Peninsula, Ontario, Canada N0H 2T0. 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 Bennetts 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.
Walter Muma Bio:

Walter is an avid experienced field botanist who focuses much of his botany explorations on Grey and Bruce counties. He is a lifetime member of the Field Botanists of Ontario, a member of the Owen Sound Field Naturalists, and a lifetime member of Hamilton Naturalists Club. He is the creator of the Ontario Wildflowers website, as well as the Ontario Trees, Ontario Ferns, and Ontario Grasses websites, which are the “go to” sites for parks staff, environmental consultants and others who are in the business of identifying wildflowers and other plants in the field. Walter is also the official custodian of the Grey-Bruce Plant List.

His botany explorations also range from Newfoundland to Lake Superior and down into the Smokey Mountains. He is also a tracking and wilderness survival enthusiast. In his work life he is a busy self-employed accounting software consultant and custom software programmer.

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. His passion for studying natural history has recently landed him back in school, where he is attending Trent University. Tyler’s career and hobbies have shaped him into a well-round naturalist with an expertise in field botany.
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. www.botany.org/

-Speakers, field trips, meals, and lodging $575.00/person
-Speakers, field trips, meals, but NO lodging $350.00/person
-Speakers, field trips, but NO meals or lodging $250.00/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.
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. (314-577-9473 ext 76564) 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 _____ don’t care ______

Emergency Contact ___________________________ Number _______________________

I am a member of the Botanical Society of America ______, Torrey Botanical Society ______,
Philadelphia Botanical Club _____. Other __________________________________________

In making this application, participants affirm that they are in general good health, are physically able to keep up with the group in the ordinary course of field activities, accept as their personal risk the hazards inherent in any outdoor activity, and will not hold the Botanical Society of America, or other sponsoring organizations, or the trip leaders responsible for the same.

I give my permission for medical treatment to be administered in such case as deemed necessary by a trained medical professional. I accept and assume all risks associated with recreation activities, and I hereby release Trip Organizers and Leaders of all liability from injuries that might occur. I understand that I am responsible for providing my own insurance for any injuries that occur.

Signature _____________________________ Date __________________