



## **Program Schedule**

### **Joint Meeting of the New England Botanical Club and the Botanical Club of Cape Cod and the Islands**

**Cape Cod and Martha's Vineyard, MA**  
**14-16 September 2018**

Thank you for considering this joint meeting of the NEBC and the BCCCI. This event celebrates BCCCI's 20th anniversary! Our meeting is based on the Quissett Campus of the Woods Hole Oceanographic Institution (WHOI). The 3-day schedule of events includes multiple field trip options, a Saturday dinner and featured speaker presentation, and ample time to meet, mingle and make connections with fellow plant-lovers. The schedule is presented below. Registration is required by 31 August 2018.

### **Friday 9/14/18**

#### **Woods Hole Oceanographic Institution - Quissett Campus Tour (3pm to 5pm)**

We'll kick off the weekend with a tour of the Quissett Campus grounds, herbarium, and WHOI archives. The property has a diverse landscape of natural and planted collections including the coastal flora of Vineyard Sound, cultural grasslands, and mature woodlands. Be prepared for a walk down to a pebble beach and back up to campus. The [MBL WHOI Library Herbarium \(SPWH\)](#) houses historical collections from Cape Cod and the Islands dating back to the 1870's, as well as recent accessions. This collection is currently available on-line, fully digitized. This is a singular resource for botanists studying the local flora and the conservation of indigenous species and rare natural habitats.

**Address:** Quissett Campus of the Woods Hole Oceanographic Institution, 360 Woods Hole Rd, Woods Hole, MA 02543

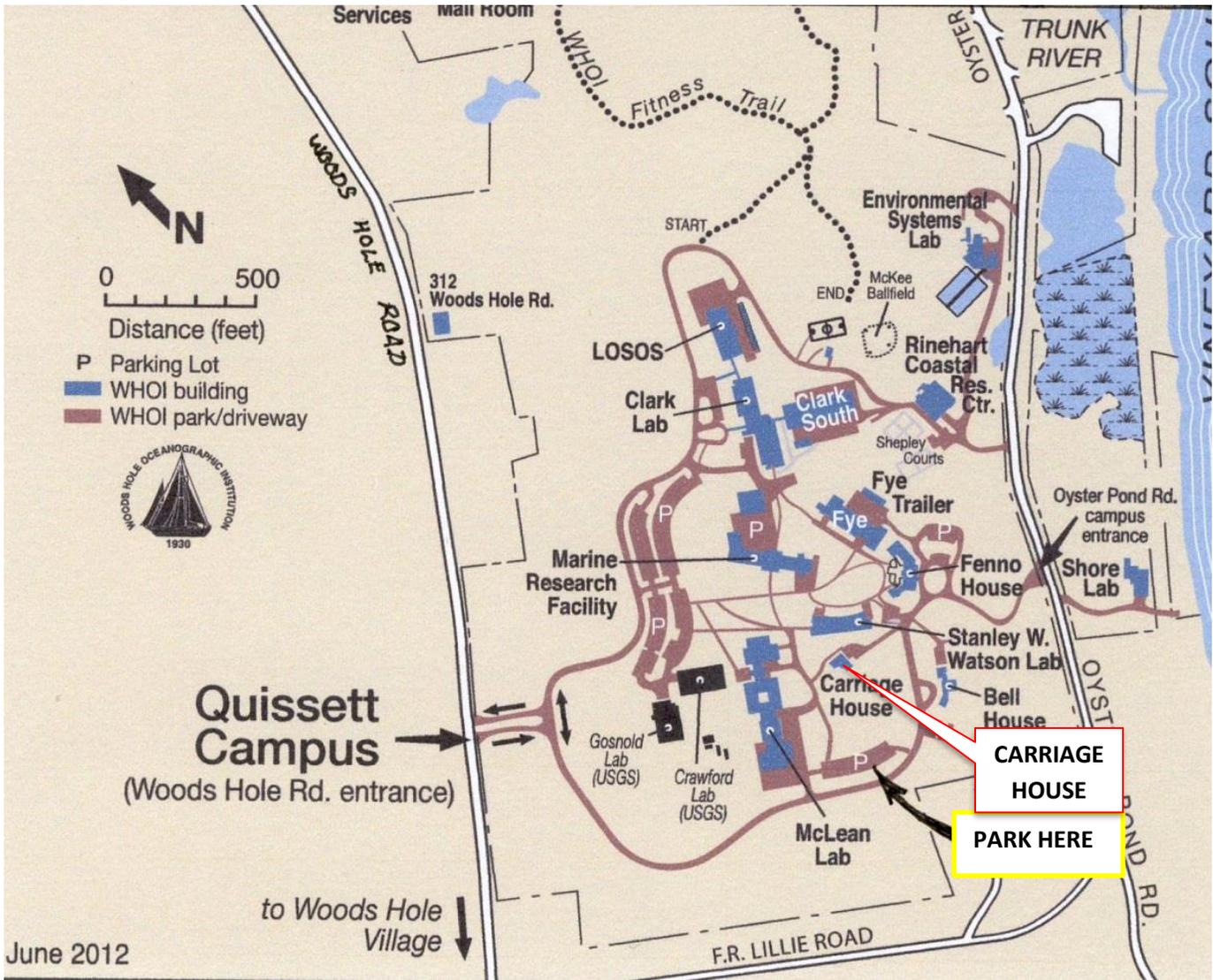
**Directions:** After entering the Campus from Woods Hole Road, make first right onto the Ring Road. Follow Ring Road for ~1/4 mile, then turn left toward the McLean Laboratory; parking will be on the right. We will meet in the visitor parking area identified in the [Google Map for Quissett Campus parking](#) and identified on the map below of the campus by the yellow callout box.

#### **Meet and Greet (5pm to 6pm)**

Following the field trip, we will convene at the Carriage House meeting room, also located on the Quissett Campus, for a meeting kick-off and details on the weekend programs. Snacks and beverages will be provided. We encourage you to mingle and make dinner arrangements with other attendees.

**Directions:** Walk north from the parking area and turn right toward the Carriage House (See red callout box on the map of the Quissett Campus, below).

MAP OF QUISSETT CAMPUS  
OF THE MARINE BIOLOGICAL LABORATORY WOODS HOLE OCEANOGRAPHIC  
INSTITUTION



**Address: 360 Woods Hole Rd, Woods Hole, MA 02543**

## Saturday 9/15/18

### **FIELD TRIPS**

We have 5 options for full day field trips from about 9am to 4pm, returning by 5:30pm for dinner at WHOI and featured speaker presentation! Be sure to dress for the weather with appropriate clothing, footwear, hats, mosquito and tick repellent. Don't forget to bring your own lunch, snacks, and water.

#### **1) Sandy Neck Reserve (Don Schall and Nina Coleman)**

A spectacular barrier beach system on the north coast of Cape Cod with 4,700 acres of beach, dune, interdunal swales, maritime forest, and salt marsh habitats will be explored. Sandy Neck includes diverse maritime habitats, and, at this time of year, a landscape rich with colorful fall foliage. This is a moderate but long walk on loose sand paths, with little shade, and potentially high temperatures.

*Address:* Sandy Neck Beach Park, 425 Sandy Neck Road, W. Barnstable, MA 02668

*Directions:* The Sandy Neck Gatehouse is at the end of Sandy Neck Road (425 Sandy Neck Road, West Barnstable). Meet at the parking lot on the left just outside the gatehouse: [Google Map for Sandy Neck Gatehouse](#)

[Trail Map for Sandy Neck Beach Park](#)

#### **2) Polly Hill Arboretum, Martha's Vineyard (Tim Boland, Director)**

Take a ferry to Martha's Vineyard to visit historic Polly Hill Arboretum with 20 acres under cultivation and 40 acres of native woodland. Historic buildings date to 1670. The Arboretum was established in 1958 by the horticulturist Polly Hill and is listed on the National Register of Historic Places. The Arboretum contains North Tisbury azaleas, witch-hazels, winter hazels, camellias, magnolias, stewartias, conifers, and deciduous and evergreen hollies. Polly Hill plant introductions include varieties of *Cornus kousa*, *Ilex*, *Stewartia*, and about forty *Rhododendrons*. The trip includes a 2-hour tour of the property, which starts ~10am. The schedule will allow plenty of time to wander through the grounds on your own. Easy walking. The Arboretum admission fee has been included within the registration cost.

*Address:* [Polly Hill Arboretum](#) 809 State Road, West Tisbury, MA 02575

*Directions:* Transportation services (boat and bus) will likely be involved for this trip. To get to Martha's Vineyard, visit the [Steamship Authority](#) webpage in advance to plan your trip, make ferry reservations, and for more information on fares (~\$17), parking (~\$13), and schedule information. For Woods Hole ferry service, park at the [Palmer Ave parking lot](#) (286 Palmer Avenue, Falmouth, MA 02540) or arrange drop off at the parking area or ferry terminal. Take a free shuttle from the parking area to the ferry terminal.

The Martha's Vineyard Transit Authority (MVTA) provides bus service from the Vineyard Haven Ferry terminal to the Arboretum: [Times & Fares between Ferry & Arboretum](#). Please visit the [MVTA](#) website in advance for routes, schedules, and fares (round trip fares ~\$5):. [Stagecoach Taxi](#) also provides transportation on Martha's Vineyard.

In order to make it back to MBLWHOI for dinner and the featured speaker presentation, we suggest that you plan on departing Vineyard Haven no later than the 5pm ferry.

### **3) Frances A. Crane Wildlife Management Area (Caren Caljouw and Brett Trowbridge)**

Come explore the 1,883-acre Frances A. Crane Wildlife Management Area (WMA), which includes abundant pitch pine-oak woodland and sandplain grassland habitats. The special ecosystems that exist on the WMA support a rich association of rare flora and fauna species. The property is owned and actively managed for game and non-game species by the MA Division of Fisheries and Wildlife. Easy walking, but no shade, and potentially high temperatures.

**Address:** [Frances A. Crane Wildlife Management Area](#), 754 Nathan Ellis Hwy, East Falmouth, MA 02536

**Directions:** We'll meet in the center of the northern portion of the WMA north of Route 151 (Nathan Ellis Hwy) near its intersection with Ranch Rd. Turn onto the paved way opposite Ranch Rd. Go past the ball fields on right (east side) and continue north to the parking area. Meet near the gate at the northern end of the parking area. [Google Map to WMA parking](#)

[Trail Map for Crane WMA eastern portion](#) ; [Trail Map for Crane WMA western portion](#)

### **4) Breivogel Ponds and Shallow Pond Conservation Areas, Falmouth (Carol and Walter Knox)**

This foray will investigate the sandplain grassland and vernal pool wetlands recently established in a former sand and gravel pit as well as nearby freshwater ponds created during the sand and gravel mining operation and which now support a coastal plain pondshore community and forested uplands on property owned by the Town of Falmouth. Moderate walking.

**Address:** [Breivogel Ponds Conservation Area](#) (located at the Town of Falmouth Leaf/Compost Facility), 588 Blacksmith Shop Rd, East Falmouth, MA 02536

**Directions:** Meet at the parking area located at the entrance to the town's Leaf/Compost Facility on Blacksmith Shop Road (0.7 miles south of Thomas B. Sanders Rd and about a mile north of Falmouth High School, on the east side of Blacksmith Shop Rd). [Google Map to Breivogel Ponds parking](#)

### **5) Cape Cod Lichens: (Elizabeth Kneiper, Hal Schaefer and Tom Walker)**

Take this walk through the Quissett Campus and learn about lichens common to Cape Cod that grow on the trees, boulders, soil and intertidal shore rocks. After a lunch break on the campus beach, we will carpool to sites, such as the Church of the Messiah cemetery in Woods Hole in search of more lichen diversity. Please bring a 10X hand lens. Moderate walking.

**Address:** Quissett Campus of the Woods Hole Oceanographic Institution, 360 Woods Hole Rd, Woods Hole, MA 02543

**Directions:** After entering the Campus from Woods Hole Road, make first right onto the Ring Road. Follow Ring Road for ~1/4 mile, then turn left toward the McLean Laboratory; parking will be on the right. We will meet at the entrance to the McLean Laboratory. Visitor parking area identified in the [Google Map for Quissett Campus parking](#) and identified on the map above of the campus by the yellow callout box.

### **DINNER (~5:30pm to 6:30pm)**

A smorgasbord of healthy and delicious dinner options will be provided courtesy of BCCCI and NEBC at the Carriage House meeting room, located on the Quissett Campus (see map above).

### **FEATURED SPEAKER PRESENTATION (6:45pm)**

In a presentation entitled *In the Footsteps of Humboldt: The Making of the Map of the Plants of the Americas*, Dr. Carmen Ulloa Ulloa, Curator at the Missouri Botanical Garden, will present a historical background on the visit of Humboldt to the Andes of Ecuador, an area where she has conducted botanical work for the last 35 years, and with the collaboration of 24 coauthors will present the first assessment of the flora of the Americas that resulted in 124,993 species of vascular plants, which represents one third of the plants worldwide. Presentation will take place at the Carriage House meeting room (see map above).

## **Sunday 9/16/2018**

### **FIELD TRIPS**

We have 4 options for half-day field trips from about 9am to 1pm to accommodate travel home. Be sure to dress for the weather with appropriate clothing, footwear, hats, mosquito and tick repellent. Don't forget to bring your own lunch, snacks, and water.

#### **1) Coonamessett Reservation (Pam Polloni)**

A major \$4.5 million project to restore the river, its herring run, and riparian wetlands is in progress. Working with the Falmouth Conservation Commission and the Coonamessett River Trust, BCCCI has recorded plant species occurrences and partnered with the New England Wild Flower Society to collect native seed to be planted along the river and in the bordering wetlands. Come see the results of removal of the lower dam and rerouting of the river channel in the former lower bog and help us investigate the flora of the middle and upper bogs prior to their restoration. Easy walking unless you want to slog through the bogs!

**Address:** [Coonamessett River Reservation](#), 64 John Parker Rd, East Falmouth, MA 02536

**Directions:** A low granite block engraved with "Coonamessett River Conservation Land" marks the site entrance, which is located on the west side of John Parker Road across from Clark Street. Meet at the parking area to the right of the entranceway. [Google Map to Coonamessett parking](#)

[Trail Map for Coonamessett Reservation](#)

## 2) Four Ponds Conservation Area (Nancy Wigley)

Cape Cod supports a diverse array of terrestrial, wetland, and aquatic communities uniquely adapted to life in the coastal environment. Walkers will explore the woodlands bordering a stream that flows to Buzzards Bay and that is controlled as four ponds where bog iron extraction may have been one of the historic uses of the waterway. Moderate walking.

**Address:** [Four Ponds Conservation Area](#), 140 Barlows Landing Rd, Pocasset, MA 02559

**Directions:** Meet at the parking area on the north side of Barlows Landing Road. [Google Map to Four Ponds parking](#)

[Trail Map for Four Ponds Conservation Area](#)

## 3) Skunknett River Wildlife Sanctuary (Brett Trowbridge)

Massachusetts Audubon Society's [Skunknett River Wildlife Sanctuary](#) contains a diversity of woodland and wetland habitats, including overgrown cranberry bogs, freshwater ponds, pine-oak woodlands, and a young cedar swamp. Moderate walking.

**Address:** Cape Cod Collaborative, 418 Bumps River Road, Osterville, MA 02655

**Directions:** We'll meet at the Cape Cod Collaborative parking lot. Veer right after entering the Cape Cod Collaborative property into a large school bus parking area. [Google Map to Cape Cod Collaborative parking](#)

[Trail Map for Skunknett River Wildlife Sanctuary](#)

## 4) Robert F. Smith Cold Brook Preserve (Rich Eldred)

The Robert F. Smith Cold Brook Preserve protects 66 acres of wetland bogs and surrounding upland habitats in the mid-Cape area. Its abandoned cranberry bogs have several species of orchids, *Iris prismatica*, *Asclepias tuberosa*, *Lobelia cardinalis*, *Bartonia virginica*, *Lilium superbum* and a mix of other interesting coastal plants. Recent and historical inventory records for the property total over 340 plant species! Cold Brook flows through the bog system and eventually into Saquatucket Harbor on Nantucket Sound. Easy walking on sand roads.

**Address:** [Robert F. Smith Cold Brook Preserve](#), 203 Bank St, Harwich Port, MA 02646

**Directions:** Park at the Harwich Harbormaster Workshop parking area on the east side of Bank Street, north of the Preserve. [Google Map to Cold Brook Preserve parking](#)

[Trail Map for Cold Brook Preserve](#)