



Program Schedule
Smith College ~ September 2019 Away Meeting
Northampton, Massachusetts
New England Botanical Club
14 September 2019



Thank you for considering this 'Away Meeting' of the New England Botanical Club. The single-day schedule includes two field trip options followed by refreshments and a presentation by Dr. Lynn Adler at Smith College in Northampton, MA. There are no fees associated with this event. Registration is required for both the fungi walk and Montague Plains Wildlife Management Area field trip with space available on a first-come-first-serve basis.

GoogleForms Registration [HERE](#)
Field Trip Registration Deadline is Thursday, September 12th
Registration is not necessary to attend evening lecture

Saturday 9/14/2019

Field Trip Information

All trips are rain or shine. Please expect ticks and poison ivy and be prepared for all weather conditions (appropriate footwear and clothing, rain gear, bug repellent, sunblock, etc.). Trips have the potential to pass through wet habitats. Bring your own water and snacks.

Fungi walk with Dianna Smith (12:00 noon - 3:00 PM)

Meeting at the Smith College MacLeish Field Station in Whately, MA. [Directions will be sent to registrants.] Dianna Smith is a mycology researcher, field guide author, and educator. She will introduce you to the fascinating world of the fungi kingdom during our three-hour guided walk. In addition to helping attendees learn to identify particular morphological groups of fungi, Dianna will provide essential information about their lifestyles and functions in forest and garden ecology, their evolutionary history, habitat preferences, edibility, toxicity, and potential medicinal uses. By the time you complete this walk, you will know more about these curious representatives of the mostly hidden kingdom of fungi than 99.9% of the world's population.

Field trip to the Montague Plains Wildlife Management Area with Pete Grima (10:00 AM - 2:00 PM)

Meeting at the Montague Plains State WMA. [Directions will be sent to registrants.] Covering several powerline corridors on the Montague sandplain and adjacent Will's Hill, we will focus on the amazing asters, gorgeous goldenrods, lingering legumes and genteel (fringed) gentians that will be in their prime. We may meet a couple of orchids too! Easy walk of 1.5 miles with 200 ft. of elevation gain. Be prepared for ticks and open sunny conditions.

Featured speaker presentation "Floral Traits Mediating Pathogen Dynamics in Pollinators" by Dr. Lynn Adler of UMass Amherst (4:00 PM to 5:00 PM in McConnell Hall; preceded by refreshments)

Abstract: Flowering plants provide food resources for pollinators, but can also be sites where diseases get transmitted. Work in the Adler lab examines the many ways that floral traits can mediate interactions between pollinators and pathogens, focusing on the common eastern bumble bee and a gut pathogen. A variety of nectar chemicals can reduce this pathogen. In addition, sunflower pollen dramatically reduces this pathogen, and we are assessing options to develop sunflower pollen supplements and plantings as a non-chemical way to manage bumble bee health. Other work in the lab has shown that plant species vary in their ability to transmit pathogens to uninfected bees, with consequences for bee health at the colony level. These results can have important implications for managing bee health and provide insights on choices of flowering plants for pollinator habitat.

Directions & Parking at Smith College

Smith College is located on the west edge of downtown Northampton, MA. From the center of Northampton, proceed west on Main St./Rt 9 through the 4-way lights by the Academy of Music at intersection with Its 5/10. Immediately west of this intersection on Rt 9, bear left onto West St./Rt. 66, passing the Forbes Library on left and arriving at the Smith College Parking Garage on left within 1/8 mile. NEBC members and guests can park for free in the Smith College Parking Garage at 44 West St. in Northampton on Saturday, next door to the Forbes Library. No parking pass is necessary.

To get to McConnell Hall from the parking garage (~3-5 minutes on foot), walk back up West St. to Green St. and follow Green St. west into main campus area of Smith College. Half-way down Green St., opposite Ford Hall and the turn for Belmont Ave., turn right and walk into campus toward the Botanic Garden. McConnell Hall will be the second building on left along this sidewalk. Signs will be posted for the NEBC meeting along this route. Metered on-street parking is also available along Green St., a bit closer to McConnell Hall.

For those arriving earlier in the afternoon, the Smith College Botanic Garden, near McConnell Hall, is open to the public all day: the greenhouses are open 8:30AM-4:00PM, outdoor spaces until dark.

Questions: Please direct inquiries to Matt Charpentier at mpcharpentier93@gmail.com Cell: (978)868-3129