



The 1167th meeting of the New England Botanical Society will be held **Saturday, 4 March 2023, at 7:00 PM ET** in Haller Lecture Hall (room 102), Geological Museum, 24 Oxford St., Harvard University, Cambridge, MA, **and via Zoom**



“Microbial Influences on Plant Functional Traits in Natural and Agricultural Systems”

By **Dr. Chandra Jack**
Assistant Professor, Dept. of Biology
Clark University
Worcester, MA

PLEASE READ (new announcements and reminders below):

- 1) **THIS PRESENTATION & MEETING WILL BE IN-PERSON & VIRTUAL:** This meeting will be **in-person** at Harvard University, but it will also be a **hybrid presentation using Zoom**. The link to join our Zoom Monthly Meetings will be reoccurring and is below. Also below is information on the free parking arrangements we have made for our members (and herbarium volunteers) who plan to attend in-person.
- 2) **DR. JACK'S ABSTRACT:** The traditional framework for explaining how a plant's traits can influence its fitness is that the trait is based solely on its own genome. However, microbes inhabit all internal and external spaces of a plant both above and below ground and can impact the expression of these traits. In mutualisms, this microbially mediated selection can result in conflicts between host plant and microbe over the optimal trait value. Gaining a better understanding of the strength of selection exerted by microbes can lead to fundamental changes in how we approach microbiome research and may be key to moving towards more sustainable agriculture.
- 3) **2023-2024 NEBS SLATE:** The Slate for 2023-2024 Council proposed by the Nominating Committee is posted on the [What's New](#) webpage and will be sent separately next week. The vote will be taken at the Annual Meeting on 4 March 2023 at 7 PM ET in person and via Zoom.
- 4) **NEW ENGLAND PLANTS ID-A-THON (FEB 24-26):** See February 9th email invitation for full details of this iNaturalist event and to sign up to help. In [Lynn Harper's Feb 14 Post](#), she indicates that there are nearly 758,000 New England plant observations that “Needs ID,” which means the observations have neither reached Research Grade nor been determined to be Casual observation status. In her posts you will also find additional helpful information for your participation in this event. LINK TO THE JOIN THIS PROJECT: [New England Plants ID-a-Thon](#) [To Learn More from Lynn About How to Help](#)
- 5) **EAGLE HILL INSTITUTE DISCOUNTS (20%) & NEBS STIPENDS (\$150) FOR STUDENTS:** The [Eagle Hill Institute](#), Steuben, ME, is again offering NEBS members a 20% discount for their 2023 in-person summer week-long seminars (May-Sept). This discount is applied towards tuition and accommodations, but not meals or lab/microscope use fees. Also, NEBS will cover one stipend per year of \$150 towards costs for the first 3 NEBS STUDENT members who register for a summer botany course. Contact the Executive Director Sara Helm-Wallace at nebc@rhodora.org for details and to apply. [Eagle Hill calendar](#).
- 6) **HERBARIUM VOLUNTEER DAY - SATURDAY MARCH 4:** Volunteers are welcome to help process specimens in NEBS's [Vascular Plant Herbarium](#) and [Cryptogams Herbarium](#) on Saturday March 4. The Cryptogam volunteer team will meet from 9-5, and the Vascular team from 1-5 PM. Volunteers may park free in Oxford Garage from 9 AM-9 PM. If you have not previously worked in a herbarium, this would be a great opportunity to learn about how the herbaria work and how specimens are added to the collection. For more information, or to register to participate, please contact Lisa Standley (lisa_standley@verizon.net) for vascular plants and Elizabeth Kneiper (ekneiper@aol.com) for cryptogams. Registration in advance is required.

- 7) **PARKING LOCATION:** Our designated FREE parking lot is **the 52 Oxford St. Garage, near the intersection of Everett St. and Oxford St.** Parking in any other lot will likely lead to towing. Please find the Oxford Garage (52OX) in the Northeast corner of the [Printable Map](#) (PDF). At the booth at the entrance to the underground garage, please tell the attendant that you are with the New England Botanical Society. The [Interactive Harvard Campus Map](#) is useful for navigating around campus.
- 8) **SATURDAY PARKING ARRANGEMENTS:** Free parking for attendees will be from 5 PM to 9 PM on the Saturday of the meeting. Herbaria volunteers may park 9 AM-9 PM.
- 9) **NEXT NEBS MEETING:** On Saturday, April 1, 2023, Dr. Jessica Stephens, Assistant Professor of Biology, Biology Department, Westfield State University, Westfield, MA, will speak on "**Complex Interactions in *Sarracenia*: Implications for Plant and Ecosystem Health.**" Dr. Stephens' presentation will be held at Smith College, Northampton, MA, in Clark Science Center (McConnell 103).
- 10) **PROGRAM CALENDAR THROUGH JUNE 2023:** See the [2022-2023 Program Calendar](#) for details of our future meetings on Saturday, May 6, at Garden in the Woods (Framingham, MA) and Friday, June 23, at Wellesley College Botanic Gardens and Global Flora Conservatory (Wellesley, MA). Please share the calendar with others who may be interested.
- 11) **VIDEOS of PAST PRESENTATIONS:** Please see [Past Meetings](#) for videos of past lectures.
- 12) **MEMBERSHIPS:** [Renew or Join for 2023 Here!](#) If you know of others who might be interested in our organization, please forward this link.

The next Council meeting will be 29 March 2023 from 6:00-7:30 PM via Zoom.

ZOOM INVITATION FOR NEBS MONTHLY MEETINGS

Topic: NEBS Monthly Meeting

Date and Time: First Saturday of the month at 7:00 PM Eastern Time

Join Zoom Meeting

<https://zoom.us/j/98845538584>

Meeting ID: 988 4553 8584

One tap mobile

+19292056099,,98845538584# US (New York)

+13017158592,,98845538584# US (Germantown)

Dial by your location

+1 929 205 6099 US (New York)

+1 301 715 8592 US (Germantown)

+1 312 626 6799 US (Chicago)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: 988 4553 8584

Find your local number:

<https://zoom.us/u/adKxNNXCOj>

New England Botanical Society
Harvard University Herbaria, 22 Divinity Ave.,
Cambridge, MA 02138-2020

NEBS Executive Director: Sara Helm-Wallace
nebc@rhodora.org

NEBS WEB SITE: <http://www.rhodora.org/>
[New England Botanical Society Brochure](#)

NEBS Corresponding Secretary
Nancy M. Eyster-Smith
neystersmith@bentley.edu

Meetings through June 2023
[2022-2023 Program Calendar](#)

[Mission and Vision Statements](#)
[Strategic Goals for 2020-2025](#)