



The 1163<sup>rd</sup> meeting of the New England Botanical Club, Inc. will be held **Saturday, 5 November 2022, at 7:00 PM** in Haller Lecture Hall (room 102), Geological Museum, 24 Oxford St., Harvard University, Cambridge, MA, **and via Zoom (our first hybrid meeting).**



**“Plant Diversity Shows its True Colors”**

**By**

**Dr. José Eduardo Meireles**  
**Assistant Professor of Plant Evolution & Systematics, and**  
**Director of MAINE Herbarium, University of Maine, Orono, ME**

**PLEASE READ:**

- 1) **PRESENTATIONS & MEETINGS WILL BE IN-PERSON & VIRTUAL THIS YEAR:** This meeting will be **in person** at Harvard University, but it will also be our first attempt at 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.
- 2) **DR. DUDU MEIRELES’ ABSTRACT:** There is an urgent need to understand the phylogenetic and functional dimensions of plant diversity at global scales. Reflectance spectral data — how leaves reflect light across different wavelengths — is emerging as a phenomenal tool for characterizing plant traits and physiology as well as identifying lineages at different evolutionary scales. We will discuss applications of spectral data in plant biodiversity science, including monitoring biodiversity, estimating traits, and identifying lineages using spectral data. I will also demonstrate how to integrate phylogenetic models and spectra as well as leverage herbarium specimens to rapidly advance our knowledge of phenotypic evolution in plants.
- 3) **NEXT NEBC MEETING:** On Saturday, 3 December 2022, Heather McCargo, Founder and Former Executive Director, The Wild Seed Project, North Yarmouth, ME, will speak on **“Wild Seed Project: Grassroots Seed Propagation of New England Native Plants.”** This meeting will be in person at Harvard and via Zoom.
- 4) **NEBC PROGRAM CALENDAR for 2022-2023:** Please see the updated [2022-2023 Program Calendar](#) for the monthly meetings planned through April 2023. December, March, and April will be in person at Harvard University. February will be virtual only via Zoom. January will be our traditional potluck, raffle, and show & tell in Westborough, MA (in person only).
- 5) **VIDEOS of PAST PRESENTATIONS:** Please see [Past Meetings](#) for videos of past lectures, including the September meeting in Vermont on natural communities and the October meeting on NH salt marshes.

- 6) **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 [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 Club. The [Interactive Harvard Campus Map](#) is useful for navigating around campus.
- 7) **SATURDAY PARKING ARRANGEMENTS:** Free parking for attendees will be from 5 PM to 9 PM on the Saturday of the meeting.

*The next Council meeting will be 30 November 2022 from 6:00-7:30 PM via Zoom.*

### **ZOOM INVITATION FOR NEBC MONTHLY MEETINGS**

Topic: NEBC 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 Club**

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Cambridge, MA 02138-2020

**NEBC Association Manager:** Sara Helm-Wallace

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**NEBC WEB SITE:** <http://www.rhodora.org/>  
[New England Botanical Club brochure](#)

#### **NEBC Corresponding Secretary**

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**Meetings through April**

[2022-2023 Program Calendar](#)

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