



The 1151st meeting of the New England Botanical Club, Inc. will be held **Saturday, 3 April 2021, at 7:00 PM EST via Zoom.**



NEBC 2021 Distinguished Speaker
“Regional Floras and the Assessment of Floristic Change”
By
Dr. Robert Bertin
Distinguished Professor of Science Emeritus, Biology
College of the Holy Cross, Worcester, MA

PLEASE READ:

- 1) **PRESENTATIONS & MEETINGS WILL BE VIRTUAL:** Although since March 2020 all our presentations, field trips, and special events had to be cancelled because of COVID-19, New England Botanical Club is offering meetings and presentations via Zoom. The link to join our Zoom Monthly Meetings will be reoccurring and is below. After this presentation, we invite attendees to stay on Zoom and participate in some “virtual visiting.” Feel free to provide your own refreshments!
- 2) **DR ROBERT BERTIN’S ABSTRACT:** The U.S. Northeast, and especially southern New England, have a rich history of floristic studies. The field observations and herbarium specimens that form the basis of such studies are potentially valuable sources of information about how floras have changed over time and the factors contributing to such changes. Because floristic studies lack the sampling rigor of more focused ecological studies, separating actual changes from artifacts due to sampling bias can be challenging. This talk will examine some of these challenges using data from a recent floristic inventory of Franklin County, Massachusetts. The presentation will also relate examples of using data from state Natural Heritage programs in combination with herbarium data to assess patterns of change in orchids and species with northern affinities.
- 3) **ANNOUNCING FRANKLIN CO. FLORA AVAILABILITY:** In association with Dr. Bertin’s presentation, NEBC is offering his most recent flora as a free PDF download or as a 390-page print copy for only \$25 postpaid. Please see the [Special Publications](#) webpage to find or purchase: **Bertin, R. I., M. G. Hickler, K. B. Searcy, G. Motzkin, and P. P. Grima. 2020. *Vascular Flora of Franklin County, Massachusetts*.** This latest NEBC Special Publication describes the flora of a botanically interesting part of Massachusetts. The county includes parts of the Worcester Plateau, the Connecticut River Valley, and the Berkshire Highlands. This publication is based on over 60,000 field and herbarium records logged over a period of ten years. It includes introductory sections on the physical setting, geology, climate, soils, vegetation, human influence, and history of botanical collection and exploration. Most of the 390 pages are devoted to an annotated list of all species known from the county. Species information includes abundance, nativity status, habitat, associated species, distribution within the county, conservation status, and flowering and fruiting phenology. A town-level distribution map is included for each species, with information on historical and recent occurrences. Three appendices include a) an annotated list of collectors, b) a list of species excluded with explanations, and c) detailed information on flowering times of over 90 species.
- 4) **OTHER NEBC SPECIAL PUBLICATIONS:** Previous Special Publications cover the vascular flora of the city of Worcester, Worcester County, and the Greater Mount Holyoke Range, Massachusetts. These and other Special Publications, including the “Field Guide to *Carex* of New England,” are available as free PDF downloads on the [Special Publications](#) webpage.

5) **FUNDING OPPORTUNITIES FROM NEBC (DEADLINE THURSDAY 1 APRIL 2021)**

- **NEBC JUNIOR FACULTY AWARD ON THE FLORA OF NEW ENGLAND** – Applications are accepted from early-career, tenure-track faculty at any college or university in New England. Full requirements and application instructions can be found on the [Junior Faculty Award on the Flora of New England](#) web page.
 - **NEBC LES MEHRHOFF BOTANICAL RESEARCH AWARD(S)** – Full details for project requirements and application instructions can be found on the [Les Mehrhoff Botanical Research Award](#) web page. Summaries of past funded projects (2015-2020) and a button for donations to the fund can be found on the same web page.
 - **NEBC GRADUATE STUDENT RESEARCH AWARD(S)** – Each year NEBC awards several thousands of dollars in support of botanical research conducted by graduate students. Full details for proposals and supporting letters can be found on the [Graduate Student Research Award](#) web page. Abstracts for previous recipients can also be found on this web page.
- 6) **NEXT NEBC MEETING VIA ZOOM AT 7 PM EST:** On Saturday, 1 May 2021, **Dr. Eric Doucette**, Dept of Biology, Massachusetts College of Liberal Arts, North Adams, MA, will speak on "A New Approach in Amelanchier."
- 7) **VIDEOS of PAST PRESENTATIONS:** Please see [Past Meetings](#) for videos of past lectures, including Wesley Knapp's March presentation.

The newly elected Council will meet 3:30 – 5:30 PM on 3 April 2021 via Zoom.

ZOOM INVITATION FOR NEBC MONTHLY MEETINGS

Topic: NEBC Monthly Meeting
Date and Time: First Saturday of the month at 7:00 PM

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>

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Harvard University Herbaria, 22 Divinity Ave.,
Cambridge, MA 02138-2020

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

NEBC Corresponding Secretary
Dr. Nancy M. Eyster-Smith
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Program Calendar 2020-2021
(past and upcoming programs)

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