



The 1132nd meeting of the New England Botanical Club, Inc. will be held Friday, **7 December 2018, at 6:45 p.m.** in Haller Lecture Hall (room 102), Geological Museum, 24 Oxford St., Harvard University, Cambridge, MA.



**“Genetic Diversity and Phylogeography of the Western North American
Pyrola picta Species Complex (Ericaceae)”**

By Dr. Diana Jolles
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PLEASE NOTE:

- 1) **DIANA JOLLES' ABSTRACT:** Species in the *Pyrola picta* complex have broadly overlapping ranges along montane corridors from western Canada to Mexico and in some regions can be found in close sympatry. Using geographical and climatic affinity for phylogenetic ancestral state/area estimation under multiple dispersal and vicariance models, I investigated the environmental conditions under which these species likely evolved. Initial estimates suggest that the *P. picta* species complex originated in the Sierra Nevada of California and that subsequent speciation was associated with dispersal to distinct geographical locations and ecological settings within the present-day, collective range. The present-day distribution is likely the result of secondary contact caused by climatic shifts and subsequent range expansion. Among other things, this study highlights the importance of specimen annotation for studying species' geographic range characteristics.
- 2) **NEXT NEBC MEETING:** On 11 January 2019 (2nd Friday), the NEBC membership will have its “**Nineteenth Narrative and Notes on Nature with Nutritious Nibbles.**” It will be held at the Division of Fisheries and Wildlife's Cronin Building in Westborough, MA. The potluck dinner will begin at 5:30 pm, followed by a raffle of books and botanical items, and then the member "show and tell." Start planning all your contributions. A number of books and special botanical items have already been donated.
- 3) **VIDEOS of PAST PRESENTATIONS:** Please see [Past Meetings](#) for videos of past lectures, including Michael Dosmann's November presentation. No password required for access to videos.
- 4) **PARKING LOCATION:** From 5 PM-10 PM, 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 a map showing the Oxford Garage (52OX) at the following link: [Interactive Harvard University Campus Map](#)
- 5) **EARLIER ARRIVALS:** For those arriving before 5 PM, visitor permits (\$18.00/day) are available from Harvard Parking Service at Harvard Campus Service Center, 8th floor, Holyoke Building, 1350 Massachusetts Ave. (8AM-5PM) and on-line at [Visitor Parking Permit](#). Select OEB/MCZ/HUH for building and 2017 for the department code. License plate number needed for transaction. Print pass and display on dash. For more information, Parking Services may be contacted at 617-495-3772 or parking@harvard.edu. [AN ALTERNATIVE: Some members park at Alewife T station and ride the red line train to the Harvard Square T stop.]

The Council will meet 4–5 PM in the meeting room near Haller Lecture Hall.