

Suter Science Seminars 2017-18

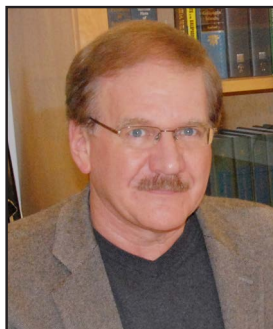
Studies on the Reproduction and Conservation of *Boechea serotina*, the Endangered Shale Barren Rock Cress

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Harrisonburg, Virginia



Wednesday, February 28, 2018
4 p.m. Science Center, room 104

Boechea serotina (Brassicaceae), the shale barren rock cress is a federally endangered species restricted to Devonian shale barrens and adjacent shale slope woodlands in West Virginia and Virginia. Ongoing studies at the Little Fork Shale Barren in Pendleton County, WV are documenting the development stages of this species via a combination of time-lapse photography and direct observations. Pollination studies, flower visitor observations, and nectar sampling are additional parts of the research being conducted. The potential effect of herbivory on this species is also being examined.

Conley McMullen, Professor of Biology at James Madison University, received his B.S. from Eastern Mennonite College, M.S. from James Madison University, and Ph.D. from the University of Maryland. At JMU, he teaches several plant courses, is director of the herbarium, and serves on the E.J. Carrier Arboretum Advisory Board. His research focuses on the eastern U.S. and the Galápagos Islands (floristics, systematics, pollination biology). He has served on the Flora Advisory Board for the Flora of Virginia Project, and for many years has been a group leader at the West Virginia Wildflower Pilgrimage. He is Past President of the Virginia Academy of Science, as well as the Southern Appalachian Botanical Society. Additionally, he is a member of the Science Advisory Board of Galápagos Conservancy and an elected Fellow of The Linnean Society of London.



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