



New England Trees in Decline & Successful Treatment Options

a presentation by

David Orwig, Forest Ecologist, Harvard Forest

Tuesday, July 12, 2011

1:30 – 4:00 PM

**Arnold Arboretum, Hunnewell Building
125 Arborway, Boston, MA**

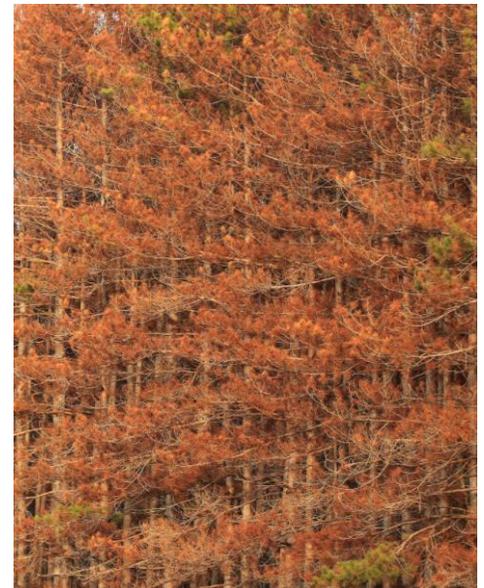
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Dr. Orwig will present information that details ongoing tree decline resulting from a variety of stressors including native and exotic pests and pathogens. Conifer species will be highlighted, but ongoing hardwood tree problems will be included as well. An emphasis will be given to identification of the problem, the mode of tree decline, and appropriate treatment options when applicable. Discussion will include pests such as hemlock woolly adelgid, elongate hemlock scale, red pine scale, Sirex wood wasp, spruce diseases, emerald ash borer, Asian long-horned beetle, and oak decline on Martha's Vineyard.

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David Orwig is a forest ecologist at Harvard Forest, where he has worked for 16 years. Dr. Orwig's research interests encompass all aspects of forest ecology, with particular emphasis on old-growth forest dynamics, dendroecology, and the role of land use history and disturbance on forest structure and composition. These approaches have recently been used to examine forest damage, environmental changes, and related ecosystem processes associated with native and exotic forest pests in New England. Dr. Orwig has a BS in Biology from the Rochester Institute of Technology, a MS in Ecology and a Ph.D. in Forest Resources from Penn State University.



CEUs are being sought for this presentation.