



THE EDWARD L. ROSE CONSERVANCY

Conservancy Currents



Fall 2015

Please Join us in Making Better Wildlife Habitat at Greenwood Sanctuary!

When: Saturday, October 10th, 10:00 am to 2:00 pm

Where: Greenwood Sanctuary, Dimock, PA

Help native raptors and waterfowl by joining us in installing nesting boxes at Greenwood Sanctuary! Our goal is to improve the breeding habitat for native birds, including wood ducks, kestrels and owls. Plus, Greenwood sanctuary looks glorious this time of year! Come create wildlife habitat while enjoying the fabulous fall colors!

Bring the whole family - community members welcome!

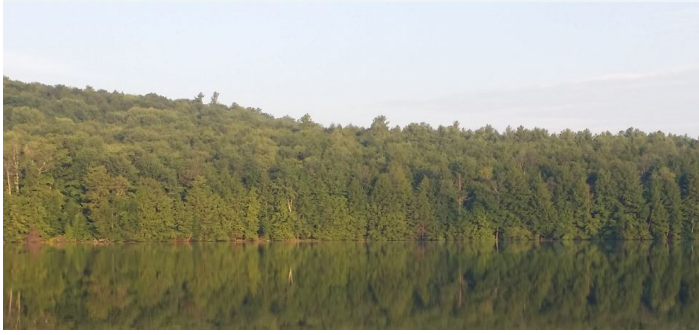
Call Tim Matthews 607 237 8092 to volunteer or send an email to rtmatthews@gmail.com to let us know you can help on Oct. 10th.

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OR



The Hemlock Woolly Adelgid - Don't Let this Happen to Your Trees

Hemlock woolly adelgid is present and spreading in Susquehanna County, PA, and in the neighboring Southern Tier of New York. Many property owners are finding infested trees on their properties. The adelgid is a destructive, non-native insect pest which presents a serious danger to hemlock trees, and poses a threat to the beautiful forest views enjoyed by all. In addition, tree deaths around the home can cause safety issues and the removal of dead trees can be very costly. Learning to recognize this insect, actively monitoring your hemlock trees, and treating when appropriate are important steps to slowing the spread of this damaging invader and minimizing the negative effects on the forest ecosystem and around the home.

Once infested with the adelgid, untreated hemlock trees often die within 4-10 years. Hemlock trees help maintain cool water temperatures for fish and other aquatic organisms and provide important and unique habitat and food resources for wildlife. Therefore, the loss of our hemlocks could have far-reaching effects beyond just these trees. Sudden and widespread death of hemlock trees on steep slopes can cause the soil to erode. The cooling shade hemlock trees provide along our lakes and streams could be lost, leading to warmer water temperatures and reduced water quality.

Researchers have been investigating the use of natural adelgid predators (beetles) as biological controls to manage hemlock woolly adelgid at the landscape scale. These beetles have been released in a number of locations in both Pennsylvania and New York and show some promise. However, it may be many years before populations of these beetles reach the levels needed to provide widespread protection. Therefore, for the time being, chemical insecticides are the only effective option for controlling this pest.

Some of the chemical products used are providing up to 4 or more years of protection with a single application. However, application of these products may require professional certification, and some are restricted from use near water. However, others are available for homeowners to apply.

If you are concerned about the well-being of hemlock trees on your property and would like to help slow the spread in your area, we recommend the following:

- **Search each of your hemlock trees** for hemlock woolly adelgid – a brochure with pictures of the adelgid, as well as other resources, can be found on the Conservancy web site. The pictures will help you learn to identify the white woolly masses attached to the underside of twigs near the base of the needles.
- **Treat your trees** if possible or hire a professional licensed pesticide applicator to do so. If your trees are within 50 feet of the waters' edge, treatment options you can do yourself may be limited. Coretect, an insecticide tablet, can be applied near water, but not where there is running or standing water. Release of the active ingredient is dependent on the presence of adequate soil moisture, and tablets should be placed in spring or fall when soil is moist.

We have a great deal of information about hemlock woolly adelgid posted on our web site at elrose.org. Click on "Current Issues" at the top of the home page, and then click on the link to "Invasive Species".

Questions? Email Kristi Sullivan at kls20@cornell.edu

Squirrels aren't great with thank-you notes.
Let us take care of that instead.



At the Edward L. Rose Conservancy, we have nothing but gratitude for the Susquehanna County landowners who grant conservation easements that preserve the unspoiled beauty of our land – fields, forests and squirrel playgrounds alike – for generations to come. So whether you own ten acres or ten thousand, contact us today to find out how you can help.



Learn more at
www.elrose.org

Or by calling
(570) 278-9500

Other Upcoming Events

New and Ongoing Efforts to Save Hemlocks from Hemlock Woolly Adelgid

Dinner and Presentation Sponsored by Susquehanna County Landowners Association

When: Friday, November 20, 6:00-9:00 pm

Where: Harford Volunteer Fire Company Building, Harford, PA

Please call to make dinner reservations by November 9 (cost under \$20)

Contact: Doug Sheldon, 570-906-0913