

Workshop and Registration Details

Date: Wednesday April 6th, 2011

Time: 8:00-12:00

Location: Wolfe's Neck Farm, Freeport, ME

Cost: Free

Credits: Forester Credits Under Review, 2 Pesticide Credits

Directions: <http://www.wolfesneckfarm.org/>

Registration

Register early! This workshop is limited to 30 Participants

Registration Deadline: **April 4, 2011.**

To register mail registration below to: Allison Kanoti, MFS, 168 SHS, Augusta, ME 04333 or e-mail information to: allison.m.kanoti@maine.gov, (207) 287-3147

Name: _____

Company: _____

Street: _____

Town: _____

State/Zip: _____

E-mail: _____

Phone: _____

Take A Stand is a Maine Forest Service volunteer program. Participants choose a hemlock stand (forested area) to monitor annually for the presence or abundance of hemlock woolly adelgid. Workshop participants will learn the skills necessary to conduct annual monitoring for the adelgid. Continued participation in the Take A Stand program is not required.



For More Information Contact:

MAINE FOREST SERVICE INSECT AND DISEASE LAB

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www.maineforestservice.gov/idmhome.htm

Co-Sponsors



Wolfe's Neck Farm



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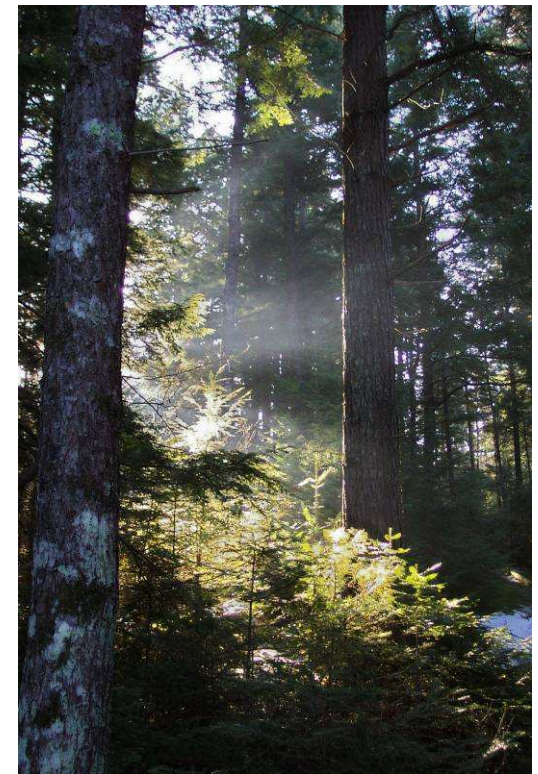
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MAINE FOREST SERVICE INSECT AND DISEASE LAB

Department of Conservation



Take a Stand: Introduction to Hemlock Woolly Adelgid Identification and Monitoring



Participants will learn important skills for forest land owners, managers and stewards in coastal Maine.

Tools for early detection of hemlock woolly adelgid: identification and monitoring

The **hemlock woolly adelgid** (Uh-dell-jid) (HWA) is an introduced, aphid-like insect from Asia that causes decline and mortality of eastern hemlock. As of 2010, eighteen states from Maine to Georgia have HWA.

Many HWA infested areas in states to our south display extensive tree decline and mortality. To date decline in Maine has been seen in small areas of southern York and coastal Cumberland counties. It is most striking in places where soil moisture is limited.



Settled hemlock woolly adelgid (spring).

The most obvious sign of HWA is the covering of wool-like wax filaments produced as the insect matures. The woolly masses generally range from about 1/16-inch to 1/8-inch in diameter. They are most visible from

late fall to early summer on the undersides of the outermost branch tips of hemlock trees

Come learn about hemlock woolly adelgid. Workshop attendees will learn how to identify hemlock woolly adelgid and how to look for it. They will also become familiar with ways to reduce risk of spreading adelgid. This will give them the tools they need to care for hemlocks on their properties.

An Introduction to Hemlock Woolly Adelgid Identification and Monitoring

Draft Agenda

- 7:30-8:00** Registration
- 8:00** Introductions
- 8:15** Hemlock Woolly Adelgid: *biology, identification, impacts, and management with a brief overview of hemlock ecology and elongate hemlock scale identification*
- 9:15** Stretch, reconvene at field site
- 9:30** Survey for Hemlock Woolly Adelgid-Methods
- 10:00** Survey for Hemlock Woolly Adelgid-Application of Costa Method
- 11:45** Wrap-up
- 12:00** Adjourn

Workshop leaders will be on-site to answer additional questions after 12 pm

Workshop Leaders:

Allison Kanoti, Forest Entomologist, MFS
Wayne Searles, Entomology Technician, MFS
Ken Canfield, District Forester, MFS
Ann Gibbs, State Horticulturalist, MDA

Registration is Required by April 4, 2011.

Credits: SAF CFE credits under review, 2 Pesticide Credits

Although participation in the Maine Forest Service (MFS) **Take A Stand** program is encouraged, it will not be required.

Known Distribution of Hemlock Woolly Adelgid in Maine

Hemlock woolly adelgid can be very hard to see until its population explodes. However early detection is possible with periodic monitoring.

As of February 2011 hemlock woolly adelgid has been found in the following Maine towns:

Cumberland County: Brunswick, Cumberland, Falmouth, Freeport, Great Diamond Island (part of Portland), Harpswell, South Portland, Yarmouth

Lincoln County: Boothbay, Boothbay Harbor, Bristol, Edgecomb, South Bristol, Westport Island, Wiscasset

Sagadahoc County: Arrowsic, Bath, Georgetown, Phippsburg, West Bath, Woolwich

York County: Eliot, Kennebunkport, Kittery, Ogunquit, Saco, South Berwick, Wells, York



Dormant hemlock woolly adelgid nymphs (summer).