

# **What's In Your Woods?**

The 2013 Spring Field Meeting of the New England Society of American Foresters  
Co-hosted by The Forest Guild, The Northeast Forest Health Workshop, and  
The Maine and New England Chapters of The Wildlife Society  
May 15 – 17, 2013

Based at The Sunday River Resort, Newry, Maine

## **Detailed Tour Itineraries**

What' In Your Woods?  
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Thursday Field Tour 1 (T1)

Logs to Boards: A white pine silviculture and mill tour

8:30 AM Departure from Front Circle

Tour Coordinators:

David Degruttola, District Forester NH/ME, LandVest Timberland Division  
Ronald Lemin, Vegetation Management Sales Consultant, CPS Timberland  
Wil Mercier, Analyst, Sewall Company

Presenters:

Lawrence Grover - Forest Operations, Chadbourne Tree Farms  
Tim Sawyer - Forest Operations, Chadbourne Tree Farms (retired)  
David Stearns - Administration / Management, Chadbourne Tree Farms  
David Degruttola, District Forester NH/ME, LandVest Timberland Division

Itinerary:

- 8:30 AM – 9:00 AM Travel from Sunday River to Site 1
- 9:00 AM – 9:20 AM Introduction to Chadbourne Tree Farms  
– David Degruttola and Chadbourne Tree Farms
- 9:20 AM – 10:40 AM White pine seedling sapling stand  
– Chadbourne Tree Farms
- 10:00 AM – 10:20 AM Travel to Second Stop
- 10:20 AM – 11:00 AM Initial thinning site  
– Chadbourne Tree Farms
- 11:00 AM – 11:20 AM Travel to Third Stop
- 11:20 AM – 12:00 PM White pine seed tree cut  
– Chadbourne Tree Farms
- 12:00 PM – 1:00 PM Lunch on the bus while traveling to Irving mill.  
(Boxed Lunch Provided)
- 1:00 PM – 3:30 PM Mill tour of Irving Dixfield facility  
– Dixfield Mill Staff
- 3:30 PM – 4:30 PM Return to Sunday River.

What' In Your Woods?  
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Thursday Field Tour 2 (T2)

Wind Power and Forestry. How can they Coexist?

8:30 AM Departure from Front Circle

Tour Coordinator:

Bob Cousins, Operations Forester, Wagner Forest Management

8:30 AM – 9:30 AM Travel to Record Hill Wind Farm

9:30 AM – 10:15 AM Introduction to the wind farm project

- Don Crane, Wind Farm Supervisor, Record Hill Wind Farm
- Gordon Gamble, Director of Community Relations, Record Hill Wind Farm

10:15 AM – 10:30 AM Travel to wind farm site

10:30 AM – 11:30 AM Tour and discussion of wind farm site

- Don Crane, Wind Farm Supervisor, Record Hill Wind Farm

11:30 AM – 12:30 PM Lunch (Boxed Lunch Provided)

12:30 PM – 2:30 PM Managing the forest around an active wind farm.

- Ed Fortin, Operations Forester, Wagner Forest Management

2:30 PM – 3:30 PM Return to Sunday River

Note: Attendees should bring hardhats if they have them.

What' In Your Woods?  
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Thursday Field Tour 3 (T3)

The Community Forest Model:

A strategy to promote economic development, community development, and working forestland conservation.

8:30 AM Departure from Front Circle

Tour Coordinators:

Julie Renaud Evans, Director of Forestry, The Northern Forest Center  
Kristen Hoffmann, Forestland Steward, Forest Society of Maine

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| 8:30 AM – 9:30 AM   | Travel from Sunday River to 13 Mile Woods Community Forest, Errol NH (7,100 acres)  |
| 9:30 AM – 11:00 AM  | “Protecting our Gateway, and Making Money Too!” <ul style="list-style-type: none"><li>– Charlie Kurtz, 13 Mile Woods Community Forest Committee</li><li>– Bill Freedman, 13 Mile Woods Community Forest Committee</li></ul> |
| 11:00 AM – 11:30 AM | Travel to Milan Hill State Park and pass out boxed lunches  |
| 11:30 AM – 12:00 PM | Lunch (Boxed Lunch Provided)  |
| 12:00 PM – 1:30 PM  | “Planning for a community Forest” <ul style="list-style-type: none"><li>– George Pozzuto, Selectmen of Milan (retired USFS)</li><li>– Rebecca Oreskes, Committee Member (retired USFS)</li></ul>                            |
| 1:30 PM – 2:00 PM   | Travel to Gorham Town Forest  |
| 2:00 PM – 3:30 PM   | “Long term management for Water protection” <ul style="list-style-type: none"><li>– Haven Neal, Consulting Forester</li></ul>   |
| 3:30 PM – 4:30 PM   | Travel back to Sunday River   |

What' In Your Woods?  
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Thursday Field Tour 4 (T4)

Foresters for the Birds

8:30 AM opening presentation - Ketchum

Tour Coordinator:

Amanda Mahaffey, Northeast Region Director, Forest Guild

Presenters:

Kristen Sharpless, Conservation Biologist, Audubon Vermont

Mariko Yamasaki, Research Wildlife Biologist, U.S. Forest Service Northern Research Station

Nancy Patch, County Forester, Vermont Division of Forestry

Lesley Rowse, Wildlife Biologist, White Mountain National Forest

Erin Lane, Fire Planner, U.S. Forest Service,

White Mountain/Green Mountain/Finger Lakes National Forests

Itinerary:

- 8:30 AM – 9:00 AM Introduction to the “Foresters for the Birds” program
- 9:00 AM – 9:30 AM Travel to field site (Paddy Brook Road) (Bus provided)
- 9:30 AM – 12:00 PM Morning woods walk – Multiple presenters and group questions
- 12:00 PM – 1:00 PM Lunch (Boxed Lunch Provided)
- 1:00 PM – 4:00 PM Afternoon woods walk – Multiple presenters and group questions
- 4:00 PM – 4:30 PM Return to Sunday River

What' In Your Woods?  
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Thursday Field Tour 5 (T5)

I Hate Invasives

8:30 AM start of presentations – Whittier

Tour Coordinator:

Ronald Lemin, Vegetation Management Sales Consultant, CPS Timberland

- 8:30 AM – 9:15 AM Introduction to New England Invasive Plants - ID and Biology.  
– Jennifer Dean, Invasive Species Biologist - New York Natural Heritage Program
- 9:15 AM – 9:45 AM Mechanical, Biological, and Cultural Control Techniques for Invasive Plants.  
– Nancy Sferra, Director of Science and Stewardship, The Nature Conservancy, Maine
- 9:45 AM – 10:30 AM Chemical Control Strategies and Techniques for Invasive Plant Species.  
– Jeff Taylor, Invasive Species Specialist ,Vegetation Control Services, Athol, MA
- 10:30 AM – 10:45 AM Break
- 10:45 AM – 11:15 AM Giant Hogweed Control Efforts in Bangor and Bar Harbor, Maine.  
– Ronald Lemin, Vegetation Management Sales Consultant, CPS Timberland
- 11:15 AM – 11:45 AM Hardy Kiwi In Western Massachusetts, an Update on Control Strategies.  
– Tom Lautzenheiser, Central/Western Regional Scientist,  
Massachusetts Audubon Society.
- 11:45 AM – 12:15 PM Introduction to *iMapInvasives*: A user-driven field collection GIS system to document  
invasive species locations and treatment .  
– Meg Wilkinson, ISDB Program Coordinator, NY Natural Heritage Program  
– Andy Cutko, Ecologist, Maine Department of Agriculture, Conservation, and Forestry
- 12:15 PM – 1:15 PM Lunch (Boxed Lunch Provided)
- 1:15 PM – 1:30 PM Walk to first field site (On-Site at Sunday River Resort)
- 1:30 PM – 3:00 PM Demonstration of Invasive Species Control- herbicide control, mechanical control.  
– Ronald Lemin, Nancy Sferra, Jeff Taylor
- 3:00 PM – 3:15 PM Walk to second field site (On-Site at Sunday River Resort)
- 3:15 PM – 4:15 PM Demonstration of the *iMapInvasives* software through the use of smart phone, GPS  
units, or paper field forms.  
– Meg Wilkinson, Jennifer Dean, and Andy Cutko
- 4:15 PM – 4:30 PM Return to Sunday River Lodge
- 4:30 PM – 5:00 PM Enter/view data from field trip into *iMapInvasives* -- *optional*

What' In Your Woods?  
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Thursday Field Tour 6 (T6)

Northeast Forest Health Workshop Field Trip

8:00 AM Departure from Front Circle

Tour Coordinator:

Bill Livingston, University of Maine

Morning Presenters: William Ostrofsky, Forest Pathologist, Maine Forest Service, Augusta, ME  
Isabel Munck, Forest Pathologist, US Forest Service, Durham, NH

8:00 AM – 8:30 AM Travel (Bus provided)

8:30 AM – 9:30 AM White pine needle damage/defoliation

9:30 AM – 10:00 AM Travel

10:00 AM – 11:30 AM Sirococcus shoot blight of eastern hemlock and red pine

11:30 AM – 12:00 PM Travel and Lunch (Boxed Lunch Provided)

Afternoon Presenters: Bill Livingston, Professor, UMaine, Orono, ME  
Kara Lorion, Graduate Assistant, UMaine, Orono, ME  
Colleen Teerling, Forest Entomologist, Maine Forest Service, Augusta, ME  
Nate Siegert, Forest Entomologist, US Forest Service, Durham, NH  
Jeremy Frey, Maine Indian Basketmakers Alliance

12:00 PM – 1:30 PM Introduction to Emerald Ash Borer and Monitoring  
Characteristics of a good brown ash site  
Girdling an ash for EAB monitoring

1:30 PM – 2:00 PM Travel

2:00 PM – 2:30 PM Brown ash dieback

2:30 PM – 2:45 PM Travel

2:45 PM – 3:30 PM EAB monitoring and campgrounds

3:30 PM – 4:30 PM Travel back to Sunday River

What' In Your Woods?  
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Thursday Workshop 1 (T7) (Morning Only)

8:30 AM – 12:00 PM – Simmonds

Basic Statistics for Foresters –  
Sampling, Sample Sizes, and Confidence Intervals

Dr. Stephen E. Fairweather, President, Mason, Bruce & Girard, Inc.

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| 8:30 AM – 8:45 AM   | Introduction and goals for the workshop, including soliciting the participants with regard to specific questions they have about sampling/statistics, to make sure we cover them during the workshop. |
| 8:45 AM – 9:00 AM   | Review of terms – population, sample, elements, attributes, etc.  |
| 9:00 AM – 10:00 AM  | Basic calculations of mean, variance, standard deviation, standard error, and confidence intervals; by hand, and using Excel functions.   |
| 10:00 AM – 10:30 AM | Break   |
| 10:30 AM – 11:00 AM | Practice problems   |
| 11:00 AM – 12:00 PM | Estimating sample sizes, more practice, and wrap-up   |
| 12:00 PM – 12:30 PM | Additional questions as desired.  |

Boxed Lunch Provided for Workshop Participants  
12:00 PM pickup – South Wing Lobby

What' In Your Woods?  
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Thursday Workshop 2 (T8) (Afternoon Only)

12:30 PM – 4:30 PM – Ketchum

Making GIS Count in the Field

Stephen Engle, Director, Center for Community GIS  
Jean-Luc Theriault, GIS Specialist, Center for Community GIS

12:30 PM – 2:15 PM	Session 1
2:15 PM – 2:45 PM	Break
2:45 PM – 4:30 PM	Session 2

Topic 1 – Using Google Earth as a Management Mapping Tool

This will be a guided walk-through demonstrating several useful and common tasks that can be performed with Google Earth. Participants are requested to bring their own laptops with the most recent version of Google Earth (Version 7) installed prior to attending the workshop.

Topic 2 – In-Field GPS Instruction

Participants may bring their own GPS units and cables to connect to their computer, but training will be based on the provided units.

This workshop's participants will be split into two groups, and each will attend a different topic during Session 1. After the break the groups will swap to cover the alternate topic during Session 2.

Boxed Lunch Provided for Workshop Participants  
12:00 PM pickup – South Wing Lobby

What' In Your Woods?  
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Friday Field Tour 1 (F1)

Westbrook-A Historic Mill with a Global Reach

9:45 AM Meet at Sappi Westbrook Mill  
(Warren Avenue, Westbrook, ME)

Tour Coordinator:

Katie Cousins, Forester, Associate Wildlife Biologist®, Sappi Fine Paper North America

- 10:00 AM – 11:00 AM Overview of the business, process, and mill products  
– Donna Cassese, Managing Director, Westbrook Mill, Sappi Fine Paper North America
- 11:00 AM – 12:00 PM Tour of the facility.  
– Westbrook Mill Staff
- 12:00 PM Boxed Lunch (Provided Prior to Departure from Sunday River)

What' In Your Woods?  
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Friday Field Tour 2 (F2)

Androscoggin Headwaters Conservation Project

9:00 AM Meet at Public Boat Ramp on Lake Umbagog, Route 26,  
Cambridge, NH

**Tour Coordinators:**

J.T. Horn, Project Manager, The Trust for Public Land  
Kristen Hoffmann, Forestland Steward, Forest Society of Maine

**Overview:**

This tour will give participants an overview of the 5-phase 31,000-acre Androscoggin Headwaters Conservation Project in Errol, NH. The property is owned by the Plum Creek Timber Company and is in the process of being conserved via a series of working forest conservation easement sales to the State of New Hampshire and fee sales to the Umbagog National Wildlife Refuge and the New Hampshire Department of Fish and Game. The tour will start at Lake Umbagog, an 8,000 acre lake and home to the Umbagog National Wildlife Refuge, which is approximately 45 minutes from the conference site at Sunday River. The tour will make three stops to observe and discuss the complexities of a large scale conservation real estate transaction. Presenters will touch on balancing fee acquisitions with easement acquisitions; commercial forest management with wildlife oriented forest management; complicated easement negotiations to address forest health and sustainability; and public and private funding strategies for an \$18.4 million conservation transaction.

**Names and Professional Titles for speakers:**

J.T. Horn, Project Manager, Trust for Public Land

Scott Henker, Senior Resource Manager – New England, Plum Creek Timber Company

Paul Mulcahey, Senior Resource Forester, Plum Creek Timber Company

Paul Casey, Refuge Manager, Umbagog National Wildlife Refuge

Thomas LaPointe, Forester, US Fish and Wildlife Service

Sean Flint, Refuge Biologist, US Fish and Wildlife Service

**Itinerary/Description**

**9:00 Meet at Public Boat Ramp on Lake Umbagog, Route 26, Cambridge, NH.** Welcome, introductions, overview of the 5-phase Androscoggin Headwaters Conservation Project.

**9:45 Stop #1: Field visit to a recent logging/forest management site on Plum Creek's lands.** The location will be on Phase IV, which are lands slated for a working forest conservation easement. The exact site is dependent on road conditions and winter harvest activities. Plum Creek foresters will lead a discussion on their timber management program, the decision to sell a conservation easement, and the changes in the management program as a result of the conservation easement. Stand specific prescriptions and objectives will be discussed at a recent harvest site. Representatives of Plum Creek and The Trust for Public Land will talk about easement negotiations, stewardship plan drafting and the real estate due diligence required for the conservation easement. **(Continued)**

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**11:45 Stop #2 Field visit to the Umbagog National Wildlife Refuge.** The Refuge Manager will give an overview of the history of the Refuge, management goals, and development of the Refuge management plan. A USFWS forester will lead a tour of recent forest management site designed to improve habitat for American Woodcock, one of the target species for the Refuge. There will be a discussion on the public/private partnerships needed to implement large scale conservation projects.

### **Boxed Lunch (Provided Prior to Departure from Sunday River)**

**1:45 Stop #3 Field visit to the Greenough Ponds.** These two ponds are prized for their fisheries values and under the Androscoggin Headwaters Project are slated for fee acquisition by the NH Department of Fish and Game. The discussion will focus on landowner decision making process about pursuing a development strategy vs. a conservation strategy. Wrap up will focus on lessons learned in the last four years of implementing the project.

**2:30 Tour ends.** Drive home from Errol, NH.

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Friday Field Tour 3 (F3)

Northeast Forest Health Workshop Field Trip

9:45 AM Meet at Wolfe's Neck Woods State Park, Freeport, ME  
(Transportation to Meeting Place on Your Own.)

Tour Coordinator:  
Bill Livingston, University of Maine

Presenter: Allison Kanoti, Forest Entomologist, Maine Forest Service, Augusta, ME

9:45 AM – 10:00 AM Load bus at state park

10:00 AM – 10:20 AM Take bus to Harpswell

10:20 AM – 10:40 AM Winter moth defoliation

10:40 AM – 11:00 AM Travel to Wolfe's Neck Farm

11:00 AM – 11:30 AM Browntail moth defoliation and viral biocontrols

11:00 AM – 11:35 AM Travel to Wolfe's Neck Woods State Park

11:35 AM – 12:00 PM Hemlock woolly adelgid infestations

12:00 PM Lunch and Adjourn  
( Boxed Lunch Provided Prior to Departure from Sunday River )

What' In Your Woods?  
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Friday Field Tour 4 (F4)

Local Wood, Local Good

8:00 AM Departure from Front Circle

Tour Coordinators:

Collin Miller, Director of Wood Products Initiatives, Northern Forest Center  
Amanda Mahaffey, Northeast Region Director, Forest Guild

8:00 AM – 8:30 AM Travel from Sunday River to Maine Energy Systems (Bus provided)

8:30 AM – 10:00 AM Maine Energy Systems (8 Airport Road, Bethel, Maine)

Speakers: Harry “Dutch” Dresser, Managing Director, Maine Energy Systems LLC  
Mike Wilson, Senior Program Director, Northern Forest Center

Manufacturing and distribution facility for fully automatic pellet boiler systems and storage units including 300 ton storage facility for loose bulk wood pellets; viewing and discussion of the only two fully pneumatic, European-style bulk delivery trucks in the U.S.

10:00 AM – 10:30 AM Travel to Second Stop

10:30 AM – 12:00 PM Making a “Premium” from Locally Harvested Wood (1180 Route 2, Rumford, Maine)

Speakers: Clint Bradbury, Owner, Premium Log Yards, Premium Specialty Hardwoods,  
Maine Made Furniture, Maine Artisans Wood Gallery, etc.  
Collin Miller, Director of Wood Products Initiatives, Northern Forest Center

Tour of furniture shop, indoor lumber yard and retail stores (furniture/wood products gallery and hardwood lumber/plywood) highlighting an entrepreneur’s perspectives on the opportunities and challenges of earning a living from local logs. NOTE: Wood lovers should plan to spend some extra time (and money) in both the lumber store and wood artisans gallery.

12:00 PM Lunch (Boxed Lunch Provided Prior to Departure from Sunday River)

What' In Your Woods?  
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Friday Workshop 1 (F5)

Forest Inventory Refresher: Old Ideas Reviewed, New Ideas Explained

8:30 AM – 12:00 PM (Ketchum)

Workshop Coordinators:

Sean Hutchinson, MS graduate student, University of Maine; Maine Licensed Intern Forester,  
Realtor, ERA Dawson Bradford

Aaron Weiskittel, Associate Professor of Forest Biometrics and Modeling, University of Maine  
Brian Roth, Associate Director, Cooperative Forestry Research Unit, University of Maine

8:30 AM – 9:15 AM "A Review of New Forest Inventory Technology, Resources, and Research"  
– Sean Hutchinson, MS graduate student, University of Maine;  
Maine Licensed Intern Forester, Realtor, ERA Dawson Bradford

A lecture session reviewing modern mensuration devices, recent inventory related research,  
and an introduction to an inventory text.

9:15 AM – 9:30 AM "The Forest Metrix Forestry System"  
– Donn Downey, Forest Metrix

An introduction to a new iPad Timber Cruise App.

9:30 AM – 9:50 AM Break

9:50 AM – 12:05 PM Technology Demonstrations  
– Sean Hutchinson, MS graduate student, University of Maine;  
Maine Licensed Intern Forester, Realtor, ERA Dawson Bradford  
– Donn Downey, Forest Metrix

Hands-on demonstrations of forest measurement technologies conducted outside at Sunday  
River. Devices to be demonstrated include:

- Haglof Vertex Laser Hypsometer
- Nikon Laser Hypsometer
- Digital Clinometer
- Forest Metrix: iPad App
- LaserTech: Laser Dendrometer

12:05 PM Lunch (Boxed Lunch Provided After Workshop)

Note:

Attendees that have an iPad are encouraged to bring their devices as temporary licenses for the Forest Metrix software will be available to download and use for the day on their own machine.

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## Friday Workshop 2 (F6)

Meeting of the Northeast Grassroots Fire Science Consortium

8:30 AM – 12:00 PM (USDA Forest Service Androscoggin District Office,  
Gorham, NH)

(Transportation to Meeting Place on Your Own.)

Erin Lane, Fire Planner, U.S. Forest Service,  
White Mountain/Green Mountain/Finger Lakes National Forests

- All welcome to attend
- Members will be working to finalize an organizational structure and charter.
- Participate via Conference Call: 1-888-858-2144 pass code 6941977#

(Boxed Lunch Provided Prior to Departure from Sunday River)