

New England Society of American Foresters
87th WINTER MEETING
in conjunction with the
Northeast Forest Pest Council
March 20 - 23, 2007
Lake Morey Resort
Fairlee, VT 05045

Cycles in Forestry

Tuesday, March 20, 2007

1:00 – 5:00 PM **NESAF Executive Committee Meeting**
1:00 – 5:00 PM **Northeast Forest Pest Council Meeting, Day 1**

1:05-1:35pm: Welcome- (Scott Pfister, NEFPC Chairperson)
1:35-3:00 Canadian and USA Forest Health Updates by State and Province-
15 minutes/state, including a 15 minute break
Moderator: Margaret Miller-Weeks, Forest Pathologist, USDA Forest Service
3:00-3:15 Break
3:15-5:00 Gerald N. Lanier Graduate Student Forum- 15- to 30-minute presentations on current
graduate level research regarding Forest Health.
Moderator: Bill Livingston, Forest Pathologist, University of Maine at Orono

“TOTO, WE’RE NOT IN BURLINGTON ANYMORE”

Please note:

This meeting is being held at the Lake Morey Resort in Fairlee, VT, a location near White River Junction, more central to New England and a shorter drive for most of the region.

Stick around, and take advantage of the activities on the program outside of the formal sessions. In addition to NESAF traditions like the quiz bowl and the alumni socials, some of our members, exhibitors, and other colleagues will be offering demonstrations and workshops of interest. A local storyteller will be entertaining us Wednesday evening.

The Lake Morey Resort also has many facilities available, like ice skating (including a Nordic skating track), ice fishing, and access to a network of trails for snowmobiling, cross-country skiing, and hiking.

The resort has some skates and skis on hand, but you may want to bring your own. Also, bring your instrument for the music jam (all abilities welcome), your snowshoes for the tracking workshop, and your running shoes.

For more information, visit the Lake Morey web site, www.lakemoreyresort.com, or call the resort at 1-800-423-1211.

Wednesday, March 21, 2007

8:00 – 5:00 NESAF Registration – Lobby

8:00 – 9:45 Northeast Forest Pest Council Meeting, Continued:

Canadian and USA Forest Health Updates by State and Province

-15 minutes/state, including a 15 minute break

Moderator: Margaret Miller-Weeks, Forest Pathologist, USDA Forest Service

GENERAL SESSION

10:00 Welcome – George Frame, Chair NESAF
Dan Kilborn, Chair GMSAF

10:30 First Keynote Address

“Seeing the Forest and the Trees: Efficient Allocation of Resources”

Joshua Farley, Gund Institute of Ecological Economics, University of Vermont

11:20 Second Keynote Address

“Another Look from Sanderson’s Farm: A Perspective on Harvard Forest,
New England History, and the Conservation of Land”

Brian Donahue, Environmental Studies Program, Brandeis University

12:00 Buffet Lunch and NESAF Business Meeting

2:00 – 2:15 Break and Exhibits/Posters – Morey Room

2:15 - 3:45 CONCURRENT SESSIONS A

Technical Session 1: Community-based Approaches to Forest Management – Terrace Ballroom

Moderator: David Kittredge, Professor and Extension Forester, UMass-Amherst

George Weir, Consulting forester. Woodland Owners Association (This Windham-County-based association has been in existence for over 50 years, with a rich and successful history of promoting forestry at the local level. How has it stood the test of time? Keys to success?)

Jad Daley, Northern Forest Alliance, Vermont Town Forest Project. What is the status of Vermont town forests, and how are they stimulating forestry at the community level?

Patricia Ayres Crawford, Selectboard, West Fairlee. West Fairlee is in the process of acquiring new town forest land. What generated this interest, and how did it come to pass?

Technical Session 2: Environmental Literacy for students and teachers – Lakeside Room

Moderator: Susan Cox (Natural Resource Conservation Education Program, USDA FS-Durham Field Office)

Forests for Every Classroom, Christina Marts, NPS, Marsh Billings Rockefeller NHP, Woodstock, VT)

“Arbor Day Programs in Vermont”, Gary Salmon, VT FPR

“No Child Left Inside”, Diane Joy, CT DEP

Project Learning Tree; Esther Cowles, NH PLT Coordinator

Technical Session 3: Open Forum: Future Challenges for Foresters - The Final Plan

Ken Laustsen (Waterlot Room)

Technical Session 4: Northeastern Forest Pest Council - Theater

Hardwood defoliation is everywhere, what are the effects on tree health?

What could we possibly do about it?

Moderator: Sandy Wilmot, Forest Health Specialist, Vermont Dept. of Forests, Parks and Recreation

1. Deluged By Defoliators: The Status Of Caterpillars And Other Hardwood Foliage Pests

Barbara Burns, Forester, Forest Resource Protection Vermont Dept. of Forests, Parks, and Recreation

2. Assessing the Effects of Insect Defoliation in the Northeast Using Forest Inventory Data

Randall Morin, Research Forester, USDA Forest Service, Northern Research Station

3. Significance of Forest Tent Caterpillar Outbreaks to Forest Owners, Studies in Northern New York State Douglas C. Allen, Forest Entomologist and Distinguished Professor Emeritus

3:45 – 4:00 Break and Exhibits/Posters – Morey Room

4:00 – 5:30 CONCURRENT SESSIONS B

Technical Session 5: TIMO's - Status in New England – Terrace Ballroom

Moderator: Richard G. Carbonetti ACF CF VP Timberland LandVest, Inc.

The make-up, structure and goals of TIMO funds, including not only pure timber plays, but mixed use properties. Principal in Timbervest, an Atlanta based TIMO.

Operations and Silvicultural Practices of TIMO's; Matthew W Sampson, NE Regional Director of The Forestland Group

Timberland Management from an International Perspective; Bret Vicary, The Sewall Company, Maine

Technical Session 6: Environmental Literacy for Citizens – Lakeside Room

Moderator: Ed O'Leary, VT Community College, VT Dept. Forests, Parks and Recreation

Paul Dolan, Rhode Island DEM

Danielle Fitzko VT Urban & Community Forestry Program

Third Speaker TBA

Technical Session 7: Traditional Ecological Knowledge Workshop: – Waterlot Room

The professional and public relations tool in the woods: This session combines formal presentations with hands on activities to demonstrate how traditional ecological knowledge (TEK) complements professional forestry practices and forges strong connections between people and woodlands.

Defining and studying traditional ecological knowledge

Dr. Katharine Anderson, University of Vermont

Practical applications of traditional ecological knowledge to forest management

Dr. Marla R. Emery, U.S. Forest Service, Northern Research Station

Drs. Anderson, Emery, and participants

Traditional ecological knowledge of three northeastern species: Basswood , Paper birch, and Northern white cedar

Technical Session 8: Northeastern Forest Pest Council - Theater

Significant Regional Forest Pest Issues

Moderator: Dennis Souto, Entomologist, US Forest Service, NA, S&PF

1. Firewood is a major vector of Exotic Forest Pests such as Emerald Ash Borer, What Has Been Done to Stop the Spread? - Craig Kellogg, USDA/APHIS/PPQ - EAB Cooperative Project
2. *Sirex noctilio*, the European Wood Wasp, Has Been Found in Pine Throughout Northern New York and Southern Quebec, What is the Current Status and What Forest or Pest Management Strategies Could Control the Infestation?- Kevin Dodds, Entomologist, US Forest Service, NA, S&PF
3. The Genetic Origin of Hemlock Woolly Adelgid Found in the Eastern United States, and the Implications for HWA Control- Nathan Havill, Post Doc, Yale University.

**5:30 – 6:30 Theater: Student Quiz Bowl /
Morey Room: Woodcraft and Technology Demos / Posters and Exhibits
Steamboat Lounge Ice Breaker**

6:00 – 8:30 Dinner Cash Buffet in the dining room or on your own

8:30 – 9:30 Entertainment: Adam Boyce – Yankee Humor and Storytelling – Steamboat Lounge

Thursday, March 22, 2007

7:00 Registration – Lobby
Continental Breakfast – Morey Room

GENERAL SESSION

8:30 – 10:00 Stand Dynamics and Silviculture in New England
Chad Oliver, Yale University

10:00 – 10:30 Break / Exhibits / Posters - Morey Room

10:30 – 12:00 CONCURRENT SESSIONS C

Technical Session 9: New England Silviculture: History and Traditions – Terrace Ballroom

Moderator: Mark Ducey, University of New Hampshire

Mark Ashton, Yale University. “European Traditions, American Interpretations: Oak Silviculture in New England.”

Bill Leak, USDA Forest Service. “Northern Hardwood Silviculture: What We “Knew” Then, What We Know Now.”

Speaker #3 TBA. (Ducey has a speaker tentatively lined up but would like a firm commitment.)

Technical Session 10: Decision Making in a World of Imperfect Information – Lakeside Room

Moderator: Don Dennis, US Forest Service

Forestry Consulting – David Daut, Fountain Forestry

Wood Products Industry – Lloyd Irland, The Irland Group

Public Forests – Don Dennis, US Forest Service

Technical Session 11: Resource Measurements – GIS and LIDAR – Theater

Moderator: Spencer Meyer

Remote Sensing in Forestry: past, present, and future, Steve Sader

Mapping Drainage and Wet Areas for Maine’s Forest Landowners, Will Mitchell

Forest Landscape Data Portal, Spencer Meyer, Maine CFRU

Technical Session 12: Vermont Wilderness: An Update on Planning and Management Issues – Waterlot Room

Moderator: Jim Harding, Green Mountain College

Greg Wright, Recreation Planner, Green Mountain and Finger Lakes National Forest

Melissa Reichert, Planner, Green Mountain and Finger Lakes National Forest

12:00 – 2:00 NESAF Awards Luncheon

2:00 CONCURRENT SESSIONS D

Technical Session 13: The Cutting Edge: Current Silviculture Research in New England. – Terrace Ballroom

Moderator: Mark Ducey, University of New Hampshire

Bob Wagner, University of Maine. “Expanding-Gap Silviculture in the Acadian Forest.”

Bill Keeton, University of Vermont. “Structure and Silviculture in Northern Hardwoods.”

Mary Ann Fajvan, US Forest Service “Thinning hemlock stands to mitigate the effects of hemlock woolly adelgid.”

Technical Session 14: Butternut Canker – Lakeside Room

Moderator: Dale Bergdahl, Professor Emeritus, University of Vermont

2:00 Kurt Gottschalk – Evaluation of the distribution of the butternut resource in the United States

2:30 Dale Bergdahl – Butternut canker disease and its impact on the health of butternut in Vermont

3:00 Jane Cummings-Carlson – Butternut canker in Wisconsin: History, impact and management

3:30 Paula Pijut – Tissue culture and vegetative propagation of butternut

4:00 Dale Bergdahl (or Shari Halik if available) – Insects and their association with butternut canker disease

Technical Session 15: Resource Measurements – GIS and LIDAR – Theater

Moderator: Spencer Meyer, Maine CFRU

Have it Your Way – FIA/FHM Data Retrieval and Analysis, Ken Laustsen, Maine Forest Service

Forest Inventories for Conservation Objectives, Andy Cutko, Forestry Program Officer, NatureServe

Using FIA as a GIS tool, Randy Morin, US Forest Service

Technical Session 16: Action and Reaction: Planning and managing Public Lands for ATV use – Waterlot Room

Moderator: Jim Harding, Green Mountain College

Michael Bernhardt, Former Chair of Vermont Governor’s Task Force on ATV’s

Brian Bronson, ATV coordinator for Maine

Discussion

**3:30 – 5:00 Poster Session With Authors present/ View Exhibits
Photo Contest awards announced.**

5:00 – 6:00 Mammal Tracks: an Outdoor Workshop with Lynn Levine, consulting forester, educator, and book author – Meeting place to be announced

Log Drives on the Connecticut River: a Slide Show by Bill Gove, retired forester, historian, and book author – Garden View Room

5:30 – 7:30 Alumni Socials

6:00 – 8:30 Dinner Cash Buffet in the dining room or on your own

8:00 – until Traditional music jam session – Steamboat Lounge – bring your instrument(s)

7:00 – 9:00 Hockey Game – Hartford (VT) Municipal Arena – directions available at the meeting

SAF CFE CREDITS ARE AVAILABLE, AS ARE LICENSING CEU CREDITS FOR NH & MA.

LICENSING CREDITS FOR OTHER NEW ENGLAND STATES HAVE BEEN APPLIED FOR.

This meeting has been certified for attendees to receive continuing education credits in the amounts listed for each day. Forms to certify attendance and credit will be available at the meeting.

Tuesday,	March 20, 2007:	3.5 hours(NEFPC session)
Wednesday,	March 21, 2007:	4.5 hours
Thursday,	March 22, 2007:	5.0 hours
Friday,	March 23, 2007:	1.5 hours
Total		14.5 hours

Friday, March 23, 2007

7:00 Registration and Continental Breakfast

FIELD TRIPS and WORKSHOPS

8:30 – 12:00

Field trips will convene in meeting rooms for 20 to 40 minutes for indoor presentations, then organize carpools and proceed to field sites. BYO hardhat and safety equipment.

Field Trip 1: Butternut Canker – Dale Bergdahl (no indoor session on Friday)
Local tour in the Fairlee area to look at butternut trees with the canker and discuss the situation.

Field Trip 2: Maple Sugaring – Mike Snyder
Visit a sugarbush, discuss sugarbush silviculture, visit a sugaring operation.

Field Trip 3: Hartford (VT) High School Wood-heat system – Paul Frederick, VT Marketing and Utilization Forester, VT Forests, Parks, and Recreation
The school tour will start with a short intro to wood energy in Vermont at Lake Morey, then we will travel to Hartford for a tour of the school heating plant.

Field Trip 4: Utilization: Hardwood Furniture Manufacturing in the Upper Valley
First, we'll travel north to Bradford for a tour of the Copeland Furniture factory. Copeland Furniture is FSC certified through Smartwood. Then we'll travel south to the Pompanoosuc Mills factory in Thetford. Pompanoosuc Mills builds each piece to order from North American hardwoods. The tours will require safety glasses, so bring them if you can.

Field Trip 5: Silviculture – Karen Bennett and Mark Ducey
See first hand what local silvicultural operations look like.

Workshop 1: GIS Technology and Data for Drainage Modeling and Forestry Decision Support – Innovations and Applications, Will Mitchell and Mark Castonguay
This workshop will show how multiple GIS indices may be combined as a forest landowner decision support system. Collaborators from the University of Maine Cooperative Forestry Research Unit, University of New Brunswick Forest Watershed Research Centre and Mitchell Geographics joined forces to map the depth to the water table to incorporate into landscape-level forest management activities. Real world applications of this tool will be presented.

Workshop 2: Keeping America's Private Working Forests on the Landscape: Actions for the 2007 Farm Bill. How will this legislation affect us and the forests we manage? Where does SAF stand and who are the unusual cast of supporters? A panel of national and regional experts explain and discuss the opportunities the bill could provide for our future. Led by Bill Samal.