New England Society of American Foresters

News Quarterly

JUNE 2011 VOLUME 72 NO. 3.

The News Quarterly is Going Electronic.

This is the Final Announcement.

If you do not respond, you will no longer receive this publication in print form.

If you want a paper copy you must contact us either by

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Or

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Thank you, and don't hesitate to contact us!

(I'd prefer a paper copy)

Special points of interest:

- NQ is going electric, Opt–In for Paper copy
- CFE Updates
- New 50 year Members
- Call for Abstracts NESAF 2011

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Forest Pests

Emerald Ash Borer: A Threat to New England's Woodlands and Urban Forests

Nathan W. Siegert
U.S. Forest Service, Northeastern Area State and Private Forestry,
Forest Health Protection, Durham Field Office

You've probably heard about the significant impacts that the emerald ash borer (EAB) (*Agrilus planipennis*) has had on the rural and urban forests of the Midwest. EAB is an exotic beetle that feeds on ash trees (*Fraxinus* spp.) and was discovered in 2002 in southeastern Michigan and adjacent parts of Ontario, Canada. EAB has been responsible for the decline and death of tens of millions of ash trees in the Great Lakes region. It now has established populations in 15 States and 2 Canadian Provinces. Recent detections have revealed localized infestations on New England's doorstep—in Kingston, NY, and near Montreal, Quebec, specifically—raising concerns about this invasive pest invading the Northeast.

EAB is an insect with a destructive appetite. It is capable of killing healthy green, white, and black ash trees, regardless of size, in merely 3 to 4 years. It is a challenge to detect new infestations early because they tend to start up in the canopy, and trees exhibit few signs or symptoms of infestation until the EAB population is already quite large.

Adult EAB are metallic green and about a half inch long. They emerge from infested ash trees in early to mid-summer and feed on ash foliage before they mate and female beetles lay eggs in the cracks and crevices of ash bark. Adult feeding causes little to no damage to the tree; larvae are the damaging life stage.

Larvae hatch from the eggs and tunnel under the bark where they feed all summer long on the phloem tissue near the sapwood, creating serpentine galleries under the bark. Extensive larval galleries disrupt the movement of water, nutrients, and food in the tree, leading to canopy decline and eventually tree mortality. Depending on EAB density and tree vigor, it may take one or two summers for larvae to completely develop into adults.

Female beetles lay most of their eggs on ash trees that are within about 300 feet from where they themselves emerged, but adults are capable of flying much further in search of ash trees if none are present for egg laying. However, the long-distance movement of EAB (for example, >10 miles) typically occurs because people move EAB-infested material such as firewood, timber, or nursery stock. State and Federal quarantines prohibit the movement of infested material to nonquarantined areas, but the deed is often unknowingly already done before quarantines are even in place.

The EAB infestation in Kingston, NY, was detected last July. Since then, forestry personnel from the New York State Department of Environmental Conservation (DEC) have been actively attempting to manage the infestation as effectively as they can. They recognize the economic and ecological impact that EAB will have on eastern New York and New England as well as the value of delaying those losses for as long as possible.

With technical assistance from U.S. Forest Service entomologists at the Durham Field Office, they conducted a survey over the winter to determine the extent of the infestation, collecting detailed information on EAB life stages along the way. The winter survey was a considerable undertaking, with thousands of 3-foot-long ash logs getting completely debarked by hand with drawknives. Forest health specialists from each New England State assisted with the survey for a week, volunteering their time to help New York with its huge effort and to learn important techniques for detecting and surveying for EAB in their own States.

With the winter survey complete, New York State DEC personnel are now using the information to strategically place girdled ash trees to reduce the growth of EAB populations and possibly disrupt their natural spread. Dispersing EAB adults are very attracted to girdled trees. Placing girdled ash trees has been an effective management tool elsewhere for reducing local EAB populations and manipulating their spread. Other potential manage-

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ment tools include removing large ash trees that are infested with lots of EAB; treating select, high-value urban ash trees with insecticide; and introducing some biological control agents. Researchers at several sites in other Midwestern States are evaluating the integration of these tools.

Throughout New England this summer, you're likely to see purple prism traps hanging in ash trees. The purple prism traps are another tool that forest health managers are using to detect EAB adult beetles as they fly around nibbling on ash foliage. The traps are coated in a sticky substance that captures the insects that land on them. Thousands of these purple prism traps will be deployed in New England. Most of them will be placed in Connecticut, Massachusetts, and Vermont, which are the States closest to known EAB infestations in New York and Quebec. Forest health personnel will monitor these traps over the summer to see if EAB is present.

For more information about EAB and to link to State EAB Web sites, go to http://www.emeraldashborer.info/.

Forest Health Issues to be Aware of Now

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Forest health specialists in Maine have been observing eastern hemlock tip blight since 2003. This disease is caused by a fungus, *Sirococcus tsugae*, which was previously only reported in the Western United States. It is not known how or when *Sirococcus tsugae* arrived in New England. *Sirococcus tsugae* tip blight is most severe on the regeneration of eastern hemlock in natural stands. Lower parts of the crown of mature trees are also affected. The fungus kills the distal tips of branches, and damage is usually limited to one-half inch of growth. Killed shoot tips turn brown and dry, and remain attached to the tree. The small, black fruiting bodies of the fungus can be observed with a hand lens if they are present. The impact of this disease in unknown and currently under investigation.

During the summer of 2010, white pine needle damage was frequently observed throughout New England. Symptoms consisted of yellow and brown discoloration of 1-year-old needles on both mature trees and regeneration. This damage has been attributed to late spring frost in 2010 and two foliar diseases—Canavirgella needle cast caused by the fungus *Canavirgella banfieldii* and brown spot needle blight caused by the fungus *Mycosphaerella dearnessii*.

Wet weather during the 2009 growing season may have favored infection by the fungi associated with white pine needle damage in 2010. Both fungi cause similar symptoms. Lesions in current-year needles begin as spots that develop into brown and yellow bands that continue to expand, which kills the distal part of the needle. The bases of needles can remain green, and not all needles in a fascicle may be affected. A year after initial infection, trees commonly shed needles that are entirely infected, with substantial needle drop occurring in June that causes tree crowns to look thin. The fungi can be differentiated by their spore-producing structures. *Canavirgella banfieldii* produces elongated (up to 2 inches), black fruiting structures. In contrast, *Mycosphaerella dearnessii* produces small (less than a tenth on an inch), black fruiting structures. Because the summer of 2010 was drier and less favorable for foliar disease development than the summer of 2009, damage is expected to be less severe during the summer of 2011.

Many roadside white pines look brown at this time of the year. These trees are damaged by de-icing salts applied to roads to maintain safe driving conditions during the winter. White pines and other evergreens keep their needles during the winter and are vulnerable to salt spray from passing cars. Damage is typically more apparent in lower branches and the part of the crown facing roadways. Trees can recover from salt damage as older needles are shed and new growth is put out during the summer. Trees act as barriers that prevent road salts from spreading further into the environment.

For more information about these and other forest health issues, please refer to the ***Sirococcus tsugae* Tip Blight on Eastern Hemlocks** Pest Alert, **Eastern White Pine Needle Damage** Pest Alert (on the Web soon), and **How to Indentify and Control**

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Noninfectious Diseases of Trees, all of which can be found on this Web site: http://www.na.fs.fed.us/pubs/.

Observations of Asian Longhorned Beetle in New England Forests

Kevin J. Dodds,[1] David A. Orwig,[2] and Nathan W. Siegert[1]

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[2]Harvard Forest, Harvard University

Asian longhorned beetle (ALB) (*Anoplophora glabripennis*) is an exotic insect from China that has generated special concern since it was first seen in North America in the mid-1990s. This pest, with its appetite for more than two dozen different hardwood tree species, has since been found in New York, Chicago, New Jersey, Toronto, and most recently in Massachusetts. Previous ALB infestations have been found in urban environments, in backyards, and along streets, areas relatively isolated from natural or managed forests.

Unfortunately, the same cannot be said for the large ALB infestation that is currently the focus of eradication efforts in Worcester, MA. This infestation is the largest found in North America to date—over 18,000 infested trees have been discovered, over 30,000 trees have been removed, and approximately 100,000 trees will soon be chemically treated during the eradication effort. This is the first time that ALB successfully migrated into and infested closed-canopied forests. If ALB is not eradicated in the Worcester area, it has numerous pathways into natural forests of the region and poses a threat to the long-term health of hardwood forests in the Northeast. Over the past 3 years, we have collected data from forest stands that have been infested by ALB to better understand how this insect behaves in forested environments as compared to urban settings.

We intensively sampled three ALB-infested forest stands that were detected during the delimitation efforts in Worcester. It has been estimated that ALB was present in these forests for at least 5 to 10 years prior to our studies. These stands had different species compositions, but all stands had significant amounts of maple present. Stands ranged in size from approximately 10 acres to over 100 acres and represented forested environments common within the urban-rural boundary. We used vegetation plots to describe the overstory forest composition in each stand, determine which trees ALB was attacking, assess the impact of the insect on tree growth, and investigate reproductive success in three maple species (red, sugar, and Norway). Through these surveys, we have begun to shed some light on what to expect if ALB becomes naturalized in North America—in Worcester or elsewhere.

In the forest stands we sampled, ALB was only found in maple, even though other host species (for example, elm and birch) were present and have been attacked in Worcester's urban forests and street trees. Of the maple trees surveyed in these forests, 32 to 63 percent had some indication of ALB presence (oviposition site, exit holes, or erupted bark). Larger trees were attacked more often than smaller, overtopped trees. While larger trees were selected as host trees more often by ALB, overstory maples of all sizes were attacked by the beetle. We also found that ALB readily dispersed throughout forests and attacked trees in the interior of stands. This is counter to what is commonly observed in urban areas where ALB typically does not move far from brood trees.

When red, sugar, and Norway maple were present in stands, red maple was selected more often by ALB than the other maple species. Comparisons of reproductive success among the three maples also suggest that red maple is a better host species than Norway or sugar maple. Both Norway and sugar maple produced ALB broods, but at lower rates than red maple. In the period that ALB has been infesting these stands, we found no evidence of trees killed outright by the beetle. Instead, many trees had serious damage along their boles and in their crowns, and they will likely have structural failure in the coming years.

Gathering data on ALB impacts is important for understanding how this insect may behave if it becomes naturalized. An aggressive eradication

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Quarterly Theme

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program is currently underway in Worcester, and these efforts stand a good chance of eliminating this ALB infestation. However, knowledge about how ALB behaves in forest stands provides important insights into potential impacts and management tactics if this beetle becomes naturalized. Our work has begun to address ALB behavior in forests, and we will continue to gather data as infested forests are detected.

Golden Members

SAF Honors 5 new 5o year members

Eugene L. Putnam, ME
Lawrence O. Safford, NH
James W. Hornbeck – NH
William B. Leak – NH
Joseph H. Vaillancourt – NH

Congratulations!

Elections are coming!

Last year's electronic balloting was a success, but this year can be even better.

All state and executive committee election packages are due to Paul Dolan by **August 1, 2011**.

Paul Dolan
120 Nipmuc Rd,
Foster, RI 02825
E-mail– paul.dolan@dem.ri.gov

Don't forget to run for office.

*Remember to go to the National website and update your e-mail address if it has changed or you will not receive a ballot. www.safnet.org

NEWS QUARTERLY Publication Calendar

Issue	Submission Deadline	Publication Date
January	December 22	January 15
April	March 22	April 15
June	May 22	June 15
October	September 22	October 15

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IN MEMORIAM

PRESQUE ISLE – Hugh Dennis Violette, 28, a professional forester, died unexpectedly Saturday, April 30, 2011, after a very brief illness. Hugh was a licensed Maine forester and was certified by the Society of American Foresters. He worked in Aroostook County for Orion Timberlands LLC, a subdivision of Seven Islands Land Co. Hugh was a 2005 graduate of the University of Maine School of Forest Resources, where he was co-editor of "The Maine Forester" and a member of the forestry academic honor society Xi Sigma Pi. In April 2005 the dean of the forestry program conferred on Hugh the school's Student Involvement Award. Hugh was a 2001 graduate of John Bapst Memorial High School, Bangor. Hugh enjoyed a nurturing childhood with his parents and sister during which he also spent numerous visits with his paternal and maternal grandparents. Many happy days were spent with his family on the bike trails of Acadia National Park. Hugh pursued his passion for hockey for many years with his buddies in Brewer Youth Hockey and during his four years at John Bapst Memorial High School. Hugh's greatest joy in his teen years was helping build and spending time at the Violette family camp on Fish Lake in Aroostook County. His enduring love of Fish Lake, where he always found peace and relaxation with family and friends, continued the remainder of his life. He was an avid snowmobiler, who sledded deep into the winter forest documenting his experiences with nature photos he e-mailed to his family and friends. Hugh was a gentle and unassuming person. He always had a smile and a good word for whomever he met. He treated all with respect and appreciated people from all walks of life. He would gladly lend a helping hand to anyone. Hugh was a dedicated and hardworking forester.

He was meticulous in his work, always dedicated to excellence and to achieving the highest professional standards. He placed high value on his relationships with his colleagues and treasured friends and his loyalty to them was unwavering. If Hugh was your friend you were a fortunate person. Hugh maintained an ongoing and deep commitment to the world of professional forestry. At the time of his death he was chairman of New England Regional Council of Forest Engineers. He was also actively involved in the Society of American Foresters, Forest Resource Association, Maine GIS Users Group, University of Maine Cooperative Forestry Research Unit and Eastern Canada-USA Forest Science Conference. Hugh lived his life to the fullest and he would want to be remembered for his commitment to his profession, his deep love for family and friends, and for the joy he brought to others rather than be mourned for the brevity of his life.

A celebration of Hugh's life will be held in early June in Presque Isle at a date and time to be announced in the Bangor Daily News. Memorial gifts may be made to the Hugh D. Violette 2005 Scholarship Fund, which will endow a scholarship in the University of Maine School of Forest Resources, care of University of Maine Foundation, 2 Alumni Place, Orono, ME 04469-5792.

OUR MISSION AS FORESTERS IS TO BE RESPONSIBLE STEWARDS OF THE EARTH'S FORESTS WHILE MEETING SOCIETY'S VITAL NEEDS. THE CHALLENGE OF OUR MISSION LIES IN KEEPING FOREST ECOSYSTEMS HEALTHY AND INTACT WHILE CONCURRENTLY DRAWING ON THEIR RESOURCES. WE WILL MEET THIS CHALLENGE BY CAREFULLY MONITORING AND MANAGING THE EFFECTS OF NATURAL AND HUMAN FORCES ON THE FOREST. OUR DECISIONS WILL BE GUIDED BY OUR PROFESSIONAL KNOWLEDGE, OUR COMPASSION FOR ALL LIVING THINGS, OUR DESIRE TO IMPROVE CITIZENS' LIVES, AND OUR RESPECT AND CONCERN FOR THE ENTIRE FOREST ECOSYSTEM. BY ADVANCING FORESTRY SCIENCE, EDUCATION, TECHNOLOGY, AND THE PRACTICE OF FORESTRY, NE SAF WILL PROVIDE THE LEADERSHIP TO ACHIEVE ITS MISSION.

DIVISION NEWS

Maine - Anthony Filauro

Hemlock Woolly Adelgid
The Maine Forest Service, in cooperation with Unity College, will host a workshop on the Hemlock Woolly Adelgid and Hemlock Forest Management, on July 9th, from 8:30 A.M. to 12:30 P.M. at Unity College. Information about the workshop is available through MFS forester Morten Moesswilde at 207-441-2895 or at morten.moesswilde@maine.gov

Labor Issues
Labor issues continue to be a concern in the Maine woods. The numbers of Canadian citizens working in the Maine woods have been reduced in recent years and are considerably less than were employed in the 70's and '80's, when significant spruce budworm salvage operations were in progress. Recently, legislation was proposed to prohibit foreign workers from harvesting timber on state lands. The proposed legislation was killed in committee; however foreign labor working in the Maine woods will continue to be a contentious issue, at least until the economy improves. Legislation dealing with foreign workers may again resurface during Maine's next legislative session.

MESAF Field Tours and Fall Meeting
Three tours are scheduled for this field season.
On July 22, George Ritz and Dr. Robert Seymour will host a field tour that will feature "Restoration Forestry" on lands managed by the Bureau of Public Lands in the Duck Lake Unit in the Lincoln/Howland area.
On August 5, Rick Morrill and Jensen Bissell will host a forestry tour of the Scientific Forest Management Area in Baxter State Park, to observe the forest management practices that have been employed and the results of past harvest operations.
A third tour is planned on the Dartmouth Forest in northern New Hampshire. A firm date for the tour had not been set prior to publication of this issue of the Quarterly.
Continuing Education credits are available for each of the field tours. Information about the tours is available at the MESAF website http://mesaf.org/
Fall Meeting - MESAF will hold their fall meeting on October 11 at Wells Conference Center at the University of Maine. The program has not been finalized but please save the date.

A National Park?
In early May, the Timber Cruisers Snowmobile club in Millinocket hosted a talk by Roxanne Quimby concerning land holdings on the east side of Baxter State Park that are intended for donation to the Federal Government as part of a national park. These lands total about 74,000 acres. At the meeting, proponents and opponents of a national park voiced diverse viewpoints. Opponents were concerned with the Federal Government managing land in the Katahdin area and the loss of local control and traditional uses. Proponents are concerned about forest fragmentation, over cutting and excessive development in unorganized townships.
This issue will be ongoing for some years, until land ownership patterns stabilize under long-range management plans. That is not the current situation, as large tracts of forestland continue to change hands in the state and traditional pulp, paper and lumber businesses change manufacturing practices or cease to operate.

Penobscot Experimental Forest
A detailed map of the Penobscot Experimental Forest is available at the website https://forest.umaine.edu/files/2010/08/PEF_Largeformat_Map_Aug2010_lowres.pdf
The color map identifies several GPS reference points and shows the location of research study sites, access roads and cultural and terrain features.
The PEF was established in 1950 by large industrial landowners and represents more than sixty years of forest research history. The forest area has been under ownership of the University of Maine Foundation since 1995. The entire area comprises 3800 acres, of which 1250 acres are leased to the USFS for forest research.

University of Maine Forestry Alumni
The School of Forest Resources encourages University of Maine alumni to communicate with classmates by posting personal information and pictures at the website http://www.forest.umaine.edu/alumni/connect-with-other-alumni/ This is a simple way of keeping in touch with classmates and to update individuals affiliated with the University of Maine.

Green Mountain - Bill Samal

Green Mountain Division Summer/Fall Meeting
October 14th
Silviculture on the Green Mountain National Forest

Join Foresters, Soil and Wildlife Specialists in a visit the South Road and Apple Orchard Stewardship timber sales on the Manchester District of the Green Mountain and Finger Lakes National Forests. We will look at and discuss various activities including oak, pine, aspen management, soil monitoring and conversions of plantations to wildlife openings. See and hear how our planning and collaboration with local town government and the National Wild Turkey federation has led to successful stewardship of public lands in Vermont. Registration forms will go out mid-summer with all the details so mark your calendars. All are welcome. Licensing credits for individual states/SAF continuing education credits are pending. Any questions can be directed to Charlie Hancock at northwoodsforest@gmail.com for more information.

Vermont Woodlands Association will be holding a series of events in June

Walk in the Woods-
Northern Hardwood Forest Management
June 18, 2011, 9:00AM - Noon, Paul Harwood's Property, Tunbridge, VT

Join Paul Harwood, Consulting Forester, on his property in the heart of maple country to discuss hardwood management emphasizing uneven-aged techniques. We will review single tree selection thinning, crop tree release, hardwood pruning and strategies for managing for non-timber objectives such as sugarbush, wildlife habitat, and aesthetics.

Visit www.vermontwoodlands.org
For more information or to sign up.

Massachusetts – Dana Hachigian

DCR RELEASES DRAFT MAP IN ANTICIPATION OF ITS SECOND WORKSHOP SERIES ON LANDSCAPE DESIGNATIONS FOR STATE PROPERTIES – DCR Boston

As part of its upcoming series of public workshops to discuss proposed landscape designations on state properties, the Department of Conservation and Recreation (DCR) is holding a series of seven regional workshops across the Commonwealth this spring to seek public input on the application of landscape designations for DCR properties.

At each workshop, DCR staff will provide the statewide context for the draft designations, but the discussion will be focused on parkland in that particular region of the Commonwealth. The workshops are public and therefore open to anyone interested in the future management of DCR park land. The designations will be finalized by fall 2011.

The landscape designation process involves categorizing 308,000 acres of DCR lands as either "parklands," "reserves," or "woodlands" to prioritize the services and values these lands provide to the public and the environment. The upcoming workshops will build upon the first round of workshops held last fall that elicited public input on the draft selection criteria and management guidelines for the three designations.

DCR is holding the workshops around the state to share draft maps, showing the designations that have been applied to all properties and discuss them with the public. The regional workshops will be held in the following communities:

Tuesday, May 24
Essex Agricultural & Technical High School
562 Maple St.
Danvers
6:30 p.m. - 8:30 p.m.

Wednesday, May 2
Elm Bank Reservation
Washington St.
Wellesley
6:30 p.m. - 8:30 p.m.

Thursday, May 26
Berkshire Athenaeum
1 Wendell Ave.
Pittsfield
6:30 p.m. - 8:30 p.m.

Thursday, June 2
Frontier Regional High School
113 North Main St.
South Deerfield
6:30 p.m. - 8:30 p.m.

Monday, June 6
North Middle School
350 Southampton Rd.
Westfield
6:30 p.m. - 8:30 p.m.

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Tuesday, June 7
Bristol County Agricultural High School
135 Center Street
Dighton
6:30 p.m. – 8:30 p.m.
Monday, June 13
The Trustees of the Reservation's Doyle Conservation Center
464 Abbot Ave
Leominster
6:30 p.m. – 8:30 p.m

Further information about the Forest Futures Visioning Process, the draft Landscape Designation selection criteria and management guidelines, and the fall 2010 series of Landscape Designation public workshops is available on DCR's website, www.mass.gov/dcr.

Biomass Regulations Update – Chris Pryor Massachusetts SAF Chair

On May 3rd, the Massachusetts Department of Energy Resources (DOER) submitted draft regulations regarding eligibility for the state's Renewable Energy Portfolio Standards (RPS). These regulations are expected to be referred to the Joint Committee on Telecommunications, Utilities, and Energy before release.

The proposed regulations affect both the supply and production of energy produced from biomass. It limits eligible forest derived woody biomass fuel to logging residues, thinnings, and salvage while explicitly disqualifying construction and demolition waste. There are no limits placed on non-forest derived woody biomass including residues from forest products manufacturing or land clearing. Eligible biomass from harvesting operations is limited to a maximum of 40% of the total weight of products removed and may be further limited depending upon site soil and drainage characteristics. DOER developed a worksheet for foresters to use to determine how much eligible biomass can be removed during a given harvest. The regulations also establish efficiency limits for new and existing biomass facilities to qualify for RPS credits and require biomass facilities to demonstrate a 50% reduction in green house gas emissions over 20 years.

Forest Health News – Ken Gooch and Melanie Joy, DCR

Purple Traps Tracking the invasive insect Emerald Ash Borer

Amherst - The MA Department of Conservation and Recreation Forest Health Program is partnering with the USDA APHIS (Animal, Plant Health Inspection Service) and other agencies to trap and detect the Emerald Ash Borer (EAB). Over 700 traps in a 2 mile grid pattern will be deployed and monitored in Berkshire, Franklin, Hampshire, and Hampden counties this summer. EAB is a destructive forest pest that can kill Ash trees within three to four years. It was found last summer in Saugerties, NY just west of the Hudson River and is now considered an immediate threat due to its proximity to the western Massachusetts border. Anyone who believes they have seen evidence of EAB should contact the MA DCR Forest Health Program at (413) 253-1798 ext. 204 or report it on the state Department of Agricultural Resources website at http://massnrc.org/pests/report.aspx

Family Forest Research Center Launches National Woodland Owner Survey

With the help of half a dozen dedicated undergraduate student workers, the Family Forest Research Center, a joint effort between the University of Massachusetts and the USDA Forest Service, has launched the 2011 version of the National Woodland Owner Survey. In the upcoming weeks roughly 18,000 private landowners across the country will open their mailboxes to find a copy of the questionnaire, asking about who they are, why they own land, what they've done with it in the past, and what they plan to do with it in the future.

An estimated 11 million private owners collectively control over half of the forested land in the United States. Of these 11 million owners, 92% are families, individuals, trusts, estates, and other unincorporated groups.

The recurring survey, last conducted in 2006, provides information on changes in attitude and behavior and allows a better understanding of this diverse and dynamic group that will help to foster better forest policies, more effective services and programs, and increased public awareness of the importance of family forests.

For more information:
www.familyforestresearchcenter.org/projects/nwos.html
http://fiatools.fs.fed.us/NWOS/tablemaker.jsp

Upcoming Workshops From Massachusetts Division of Fish & Wildlife

GET UPDATED ON THE MASSACHUSETTS ENDANGERED SPECIES ACT

Due to positive response from attendees at a presentation given at the MACC Annual Conference this spring, the Division of Fisheries and Wildlife's Natural Heritage and Endangered Spe-

cies Program (NHESP) has scheduled **a series of presentations about the Massachusetts Endangered Species Act (MESA) across the state**. Interested conservationists, property owners, conservation commissioners, planning boards and commissions, other city and town officials, land managers, conservation organizations, and land developers are invited to attend. The presentations will be given by Dr. Eve Schluter, NHESP Endangered Species Review Biologist. Schluter will provide an overview of the Act, **an explanation of the 2010 MESA regulation changes**, information on Priority and Estimated habitat mapping and NHESP role in reviewing activities and project located in rare species habitats.
For information on the 2010 revisions, go to the Natural Heritage area of DFW's website to: www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_proposed_change.htm.
For more information, call the Natural Heritage and Endangered Species Program at (508) 389-6360.

Also as a reminder, check out more CFE opportunities posted on the following website: http://www.masswoods.net/index.php/licensed/opportunities

Massachusetts Forestry Legislative updates – Provided by Kent Lage, Director of Forestry Programs, Massachusetts Farm Bureau Federation, Inc.
7 of 51 forestry bills have been scheduled for a hearing so far. Three of them are mentioned below:

SB86

An Act relative to the forester licensing board

Authorizes the Division of Professional Licensure to evaluate the feasibility of including the Forester Licensing Board under their control and create a Board of Registration for foresters. Study shall not take more than three months and have results to the Committee on Environment, Natural Resources and Agriculture by no later than November 1, 2009

The Hearing is scheduled for June 21. at 1:00 p.m.

If Foresters are happy with the Forester Licensing Board at DCR, then let the Joint Committee on Consumer Protection and Professional Licensure know that but if foresters want the study done on moving the Forester Licensing Board out of DCR let the Committee know that too. Individuals can provide written testimony or go to the hearing on June 21 and speak in person.
The Chairmen and members of the committee can be found at: www.malegislature.gov/Committees/Joint/J17

SB377

An Act regulating disease resistant ribes.

The department of agricultural resources shall review and revise regulations pertaining to ribes. In the course of this review the department shall consult with the department of conservation and recreation and forestry and agricultural interests to classify species of ribes that are resistant to disease, including, but not limited to, white pine bluster. The department shall promulgate regulations for the planting, growing, propagating, cultivating, and selling of plants, roots, or cuttings of species of disease resistant ribes

Hearing held on March 22, 2011.

There was federal monies spent in the 1920s and 30s to eradicate ribes because of white pine blister rust and now there are disease resistant varieties, bu the forestry and agriculture communities are still discussing what the best path is for the future. If Foresters want to weigh in on this they can send their testimony to the Joint Committee on Environment Natural resources and Agriculture at www.malegislature.gov/Committees/Joint/J21

HB2370

An Act relative to biomass facilities and solid waste combustion
Directs the Department of Public Health to prohibit the transport of certain materials to, or combustion of same, in designated biomass-fueled facilities. Directs the Departments of Environmental Protection and Public Health and the MEPA unit of the Executive Office of Environmental Affairs to hold a hearing on wood burning, electricity producing facilities to determine their impact on the air, water and population of the Commonwealth.

Hearing scheduled for October 18, 2011 at 10:00 a.m.

Foresters may wish to follow this one closely.

HB2006

An Act prohibiting clear cutting in state forests and parks
Amends the General Laws to "prohibit the clear cutting of any forested lands under his (the Secretary of EOEEA) care and custody, unless necessary to eradicate harmful and invasive insect species." "Clear cutting shall be defined as the harvesting of more than 75% of trees within an area and or contiguous parcels greater than one acre." Also adds to the policy of the Commonwealth in Section 40 of Chapter 132 that "clear cutting is prohibited on all state owned lands".

As for **Amendment #106** to the House budget, which banned clear cutting on state lands – the amendment was ruled "non-budgetary", so it was not considered during the budget. However Rep. Kocot from Northampton who filed the amendment to the budget has filed a bill House Bill 2006 which would do the same thing. House Bill 2006 has not yet been scheduled for a hearing,. Foresters might want to start putting together their thoughts as to why this bill should not move any further. This bill is also the Joint Committee on Environment Natural resources and Agriculture at: www.malegislature.gov/Committees/Joint/J21

Connecticut - Mel Harder

Forest Products Added to *Connecticut Grown Program*

The mission of the ***Connecticut Grown Program***, developed in 1986, is to promote Connecticut's 4000 farms and their various offerings, from farm and orchard produce, meats, diary, seafood, honey, maple syrup, plants and shrubs. In December of 2010, the CT Department of Environmental Protection announced the expansion of the program to include forest products. At a ceremony held at Early New England Homes in Bolton CT, CT DEP Commissioner Amey Marella joined CT Department of Agriculture Philip Prelli and state forester Christopher Martin in announcing the initiative. Present at the ceremony were members of the Connecticut Professional Timber Producers Association, members of the CT General Assembly, media, representatives from the UCONN Cooperative Extension, CT Tree Farm program, CT DEP and primary and secondary wood producers.

The Connecticut Grown Program is still in the initial stages of adding forest products, and at this point are looking to include firewood, lumber, furniture, and log homes. They are working on a procedure to track and certify CT grown forest products from point of harvest to point of sale. Participants display the Connecticut Grown logo, and have available point of purchase material, road signage, posters and other marketing material. The program is run by the CT Department of Agriculture, which maintains a CT Grown web site at ***http://www.ctgrown.gov***. Any forest products producers wishing to participate should contact Judd White of the CT DEP (860 424-3630), who is handling and qualifying applications.

Yankee Division News

William VanDoren, Yankee chair, reports that Jeffrey Ward (chief scientist, Connecticut Agricultural Experiment Station), program committee chair for the upcoming 2012 NESAF winter meeting, recently hosted a conference call to reach a consensus on a theme for the meeting. The overall theme is ***Forests, Local Markets, Local Services and Benefits.*** It was agreed that it was a timely and appropriate theme. Discussion began about possible keynote speakers and topics/speakers for the concurrent sessions. We hope to finalize the program over next 1-2 months. Also, the Northeastern Forest Pest Council 2012 meeting will be co-located with the NESAF meeting, providing excellent opportunities for members of both organizations. The NESAF 2012 winter meeting will be held in Amherst MA, April 3-6.

Connecticut Professional Timber Producers Association News

Opportunities for High School Students Interested in Forestry and Natural Resources

The Connecticut Professional Timber Producers Association is pleased to offer two $250 scholarships to any high school student entering the field of natural resources. Information and an application may be downloaded from the Association's website by visiting www.timproct.org and clicking "Scholarships" on the home page. The Association is also offering student membership at a reduced rate of $25.00 per year.

Log A Load for Kids Campaign

The Connecticut Professional Timber Producers Association will once again be raising funds during the month of September for the Log A Load for Kids

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Campaign in conjunction with the Southern New England Regional Game of Logging Competition held during Celebrating Agriculture at the Woodstock Fair Grounds in Woodstock, CT. 100% of the proceeds raised goes to the Connecticut Children's Medical Center in Hartford, CT to assist children that need medical care and do not have the resources to pay. Look for further information this summer and consider donating any amount to this worthy cause. Since 2007 the Association has raised over $12,000 for the Connecticut Campaign.

Notification of Timber Harvest Form
For anyone preparing a municipal wetlands permit for a timber harvest in Connecticut, the voluntary Notification of Timber Harvest Form is a tool that is available to download off of the Association's website. Visit www.timproct.org and click "Timber Harvest Notification Form" on the home page.

Connecticut Professional Timber Producers Association receives a $2000 Joint Venture Grant from the CT Department of Agriculture
Connecticut Professional Timber Producers Association was awarded a $2000 Joint Venture Grant from the CT Department of Agriculture to help promote the Connecticut forest products industry in the CT Grown program. The Association will be matching the grant with an additional $2,000. The $4,000 project will cover design and printing of brochures to promote the Connecticut forest products along with highlighting various primary and secondary producers, contact information and their specialty. The grant will also cover producing signs promoting the industry and the CT Grown program, that sawmills and forest products companies can display at their places of business.

Rhode Island - Paul Boisvert

RISAF & International Year of the Forest Project
RISAF is partnering with the Northern RI Conservation District and several partners (USDA NRCS, Providence Water, RIFCO, RI Tree Farm) to celebrate the International Year of the Forest.
Activities to date include: Developing literature for use by teachers and the general public titled, "Forests, A Working World in Your Backyard":
A poster and photo contest a illustrating that clean water as a forest product; depicting how forest management helps forests stay productive and protects forest ecosystems; or the inter-relationship between forests and wildlife and/or people; and A "Walk in the Woods" event on May 21, 2011 to coordinate with the National Walk in the Woods being hosted by the American Tree Farm Program.
Over 1600 informational packets with resources to our woodland owner's in the Scituate Reservoir Watershed promote one on one technical assistance for woodland management

RI Coverts Project
The RI Coverts Project, now in its 4th year, the project trained 15 landowners from across the state through its two and one-half day workshop held April 17-19, 2011 that focused on forest ecology and stewardship, wildlife management and land conservation; Partners involved with the workshop included USDA NRCS, the RI Department of Environmental Management – Division of Forest Environment and Fish & Wildlife, the University of Rhode Island Department of Natural Resources Science, the Rhode Island Forest Conservators Organization, and the RI Chapter of The Ruffed Grouse Society.
URI is working with NRCS, RC&D and the Coverts Project to conduct a study of forest/wildlife management by private landowners in Rhode Island. The findings of the study will help plan more effective forestry outreach programs. The 2009 survey of Coverts participants found that 63% of the respondents had implemented some forest/wildlife activities. We are particularly interested to learn more about activities which have already been implemented. However, we would also like to find out why other landowners have decided not to implement forest/wildlife management activities.
For more information contact Paul Boisvert, Project Coordinator at 401-397-9421,by email at paul.boisvert@verizon.net or by visiting www.rircd.org.

Chapter members provided assistance to the RI Tree Farm Program in two (2) areas:
1)The development three (3) outreach meetings with the RI Tree Farm Program to assist Tree Farmers in updating their forest management plans to meet the new American Forest Foundation (AFF) standards. Meetings will be held May 19th, June 2nd and June 16th, 2011; and
2)The development of an Executive Summary for the Tree Farm Committee's 2010-2015 Strategic Plan.
The NAASF Cooperative Forest Management Committee held its annual meeting this year at the Newport Harbor Hotel and Marina in Newport, RI on May 17, 18, and 19, 2011. This year's theme was "Forest Conversion – New England's Changing Landscape." The Stewardship Project as well as other current events within the Stewardship Program were also be topics for discussion. Chapter members Tom Abbott, Chris Modisette and Paul Dolan organized a field trip on May 18th which highlighted recent USDA NRCS forestry initiatives, Rhode Island's growing aquaculture industry, local history and a visit to the Watson Farm, a historic New England farm located in Jamestown, RI.

Chapter member Marc Tremblay and Bruce Payton, along with Tim Mooney of the RI Chapter of The Nature Conservancy, were presenters at the 2011 Rhode Island Land & Water Summit held March 26, 2011 at the University of Rhode Island. Their presentation focused

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on Forest Stewardship on Protected Lands. The panel shared examples of "how to" strategies to implement forest management planning and activities on protected lands.
The Land & Water Summit, is Rhode Island's largest conservation conference. The summit is an annual day-long conference developed to meet the needs of land trusts, forest organizations, watershed organizations and municipal conservation commissions. The Summit offers dozens of hands-on workshops designed to enhance technical and organizational effectiveness. Workshops are taught by experts from throughout Rhode Island and cover topics essential for watershed management, land conservation, and organizational development. The Summit has annually attracts over 300 leaders from throughout Rhode Island.

We would like to draw your attention to a new URI website on forestry and wildlife habitat, which is being developed as part of a three year project to support cooperative extension programs involving forest management and wildlife conservation. URI is working closely with RIDEM and NRCS in this project, as well as other agencies involved in the management of forest resources and wildlife habitat.

The site includes briefing papers for ongoing activities related to:

- Spatial extent of shrubland habitat in RI
- Distribution and habitat requirements of American woodcock
- Distribution and habitat requirements of New England cottontail

Finally, the report section includes the first of a series of studies on forestry and wildlife habitat. This study assessed whether the intensity of forest management in Rhode Island is sufficient to maintain the current extent of shrubland and young forest habitats. We concluded that the extent of these habitats is still decreasing, and recommend increasing the intensity of forest management on conservation and private land. Non-coastal upland areas were identified as a priority, because these areas have the lowest concentration of shrubland and young forest in the state.

The website address is: http://nrs.uri.edu/ce/Forestry.html. The shrubland report can be found at: Can forest management maintain the extent of shrubland habitat in Rhode Island? A spatial analysis.

Granite State - Jon Nute

Another successful Blackfly Breakfast- May 6, 2011 - 165 foresters and loggers, with a smattering of landowners, gathered for the 13th Annual Blackfly Breakfast, held on May 6 in Henniker, New Hampshire. This popular meeting is a chance for forestry professionals to meet and catch-up on the current events in the forest industry. After a brief round-up of New Hampshire forestry happenings where anyone and everyone is invited to share what's happening in their world, Sarah Smith, Extension Forest Industry Specialist invited industry representative to report about the current market situation and trends. Though speakers noted areas of concern, such as an increase in fuel prices and sinking red oak prices, they were more positive in their report and outlook this year than last year. As one sawmill procurement forester said, "We are a little better this year than we were a year ago...at least we have to convince ourselves of that." Another said that the lumber pricing "was low and slow, but stabilized."

State Forester, Brad Simpkins, reported that the public forestry sector is also under stress and reported that a number of key positions won't be filled. UNH Cooperative Extension has lost the Strafford County Office and with that the Strafford County Forester position. Landowners with forestry and wildlife inquiries, are directed to contact our Forestry Information Center at forest.info@unh.edu or call 1-800-444-8978.

The program wrapped up with a panel on biomass energy production in New Hampshire. Notable among the wide array of information shared was the results of a non-scientific survey conducted by the N.H. Timber Harvesting Council that found nearly $38 million of direct economic activity was contributed to the New Hampshire economy in one year by the 20 chip suppliers who participated.

The Blackfly Breakfast is sponsored by UNH Cooperative Extension, the N.H. Timberland Owners Association, the N.H. Division of Forests and Lands and the Sustainable Forestry Initiative.

A Third Decade of Mud Season Breakfasts Begins! On April 29th 2011, the 21at annual Mud Season Breakfast for northern NH foresters was held at the Town and Country Motor Inn in Shelburne, NH. This year's theme was a celebration of the Weeks Act and an exploration of the newest content from *Good Forestry in the Granite State* (GFGS). 138 attended, beginning with an excellent buffet style breakfast.
After breakfast we heard updates from many organizations active in Coos County. John Lanier of the

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Wildlife Management Institute explained the work he is doing with private landowners to manage young forests for critters like woodcock, John Scarinza, Chair of the Coos Planning Board updated us on a proposal create a County forest. Jason Stock reviewed the current actions being taken by New Hampshire Timberland Owner's Association regarding legislative activities. Sam Stoddard presented the status of the Big Tree program. Will Staats from NH Fish and Game discussed research on Martin, Bicknell's Trush and Black Bear in Coos County. John Accardi of NH Forest and Lands updated us on their activities including a firewood quarantine intended to mitigate the spread of Emerald Ash Borer. Jeff Smith of the Forest Guild told us about his organizations project to roll-out recommendations for biomass retention during timber harvesting, Rachael Phillips-Tibbetts from NRCS talked about their cost-share programs to help landowners practice conservation on their lands and presented an award to Karen Bennett for the tireless work she did on the GFGS document.

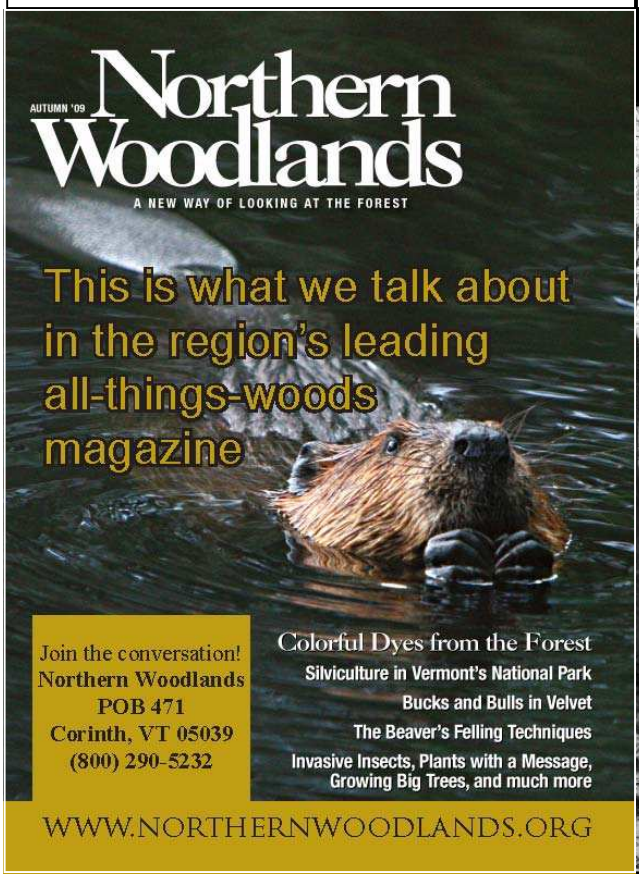
Presentations began with Karen Bennett's introduction to GFGS. Mariko Yamasaki & Matt Tarr followed, discussing wildlife components of GFGS. Chris Mattrick presented information on invasive species and efforts of a new group forming around the Connecticut headwaters Invasive Species Management Area. Roger Simmons wrapped up the morning with a fascinating history of the Weeks Act.

The afternoon field session was hosted by the USFS Androscogan Ranger District on the Pinkham B Rd where attendees learned more about the Weeks act how the Forest Service maintains wildlife openings, implements timber sales and manages natural resources in and around high use recreation areas like the Dolly Copp Campground.

The Mud Season Breakfast was started in 1990 by then Coos County Forester, Sam Stoddard as a way for natural resource professionals in the county to take a breath after a busy winter and before summer jobs began, in a relaxed atmosphere (with food of course) to network, share news, and compare successes and leanings from the past year. The program has grown from that small group to quite a crowd including teachers, landowners, loggers, legislators, and many other natural resource professionals from NH and surrounding states including Quebec**!**

The Mud Season Breakfast is sponsored by UNH Cooperative Extension, and the Sustainable Forestry Initiative.

For more information on this year's content or to sign up for 2012, contact Brendan Prusik at UNH Cooperative Extension in Coos County at 603-788-4961 bprusik@ceunh.unh.edu.



A letter from the Chair
Edward O' Leary

A topic that I get involved with more and more lately is education. As we all know, foresters often become frustrated when members of the general public don't know or understand what forestry is, or what foresters are and what they do. We all have encountered people who can't differentiate between a forester and a logger. I'd like to describe a few recent activities I have been involved with, during the recent past, which have provided me the opportunity to share with folks who are not thoroughly knowledgeable about forestry, with what it is.

The first is an event called Envirothon. The following I pulled from the Envirothon website. This environmental education program consists of the annual Canon Envirothon Competition in which winning teams from participating states and Canadian provinces compete for recognition and scholarships by demonstrating their knowledge of environmental science and natural resource management. The competition is focused on four universal testing categories (i.e., soils/land use, aquatic ecology, forestry, and wildlife) and a current environmental issue. The Envirothon program is an effective educational tool, capable of supplementing environmental education both inside and outside the classroom. Led by a volunteer advisor, teams usually meet from late autumn until spring. Teams work collaboratively to develop their knowledge of ecology and natural resource management and to practice their environmental problem-solving skills in preparation for Envirothon competitions.

I was fortunate enough to work alongside Gary Salmon (former NESAF News Quarterly Editor) last week, in helping to conduct the forestry component of this year's Vermont Envirothon. It was a wonderful experience to watch high school students participate in such a valuable educational experience, which exposed them to many natural resource professionals in a learning and enjoyable setting. This is an incredible opportunities for these kids to develop a better grasp of the various natural resources management disciplines there are, and to be able to acquire some basic knowledge in these disciplines. While getting to meet and talk with practicing natural resource professionals.

Another educational initiative, in which I was recently involved, was the Vermont Forestry Letter Series. This program consisted of landowners receiving 6 self study segments, with a new segment being mailed or emailed approximately every 2 weeks. Each segment built upon the content of the previous segments. This forestry letter series culminated with a "Field Experience Day" on May 21, 2011 hosted by Trevor Evans, USA's 2010 Northeast Region Outstanding Tree Farmer of the Year. I was one of the 6 resource professionals who helped to lead three different field tours that day. This was another wonderful opportunity for landowners, who have limited forestry knowledge, to learn about practical forestry concepts on their own, and then spend a day in the woods with foresters, biologists and ecologists to better understand what they had been learning.

The final experience I want to briefly mention is the training program the Vermont Department of Forests, Parks & Recreation provides to its cadre of seasonal State Park Interpreters/Naturalists. Each year we run these folks through an intensive, 40-hours long certified Interpreter Training Program sponsored by the national Association for Interpretation. I received this excellent training myself about four years ago, and we have found it the best way to prepare these individuals for their positions, as they interact with our state park visitors and help them better understand the natural world they encounter as they spend time in Vermont's State Forests and Parks.

I highly encourage all NESAF members to find a program such as the three I have mentioned, and get involved with it. You will be helping to inform the public about our forests, forestry and all of our precious natural resources, and let them know that everyone has a role in being good stewards of our forests.

Society of American Foresters
Growing Better All the Time

MUSIC JAM SESSION AT LAKE MOREY.

At the NESAF meeting a music jam session was planned for the Thursday evening was planned, and did occur, but **only two** appeared, Guy LaChance and Pete Hannah, what happened! The previous year several gathered , played music, and had a good time. I expected more participating this year, and more of an audience response- 10-15 were there- and thus had a PA system to assist an expected larger audience in hearing the music. I know there are a number of musicians and vocalists in NESAF and hope they will show up next year, share their talents and have a good time. I have spoken with two since the event of this year and hope they will bring their instruments and share in music of John Prine, Steve Earl, the Beatles, folk music, bluegrass, country etc.

If you did not attend the session on Wed. night you missed a good show by **Cold Country Bluegrass** announced in the program for evening entertainment —a group of 5 – fiddle, banjo, mandolin, guitar and standup base playing some great music. Surprisingly the turnout was not that large for this session either. Perhaps the print in the program for evening entertainment was not in bold type to stand out, or perhaps folks would rather have the evening free for time together. If the planning committees know interests they can plan accordingly and those who meet once a year can gather as small groups to play music, or pursue other interests.

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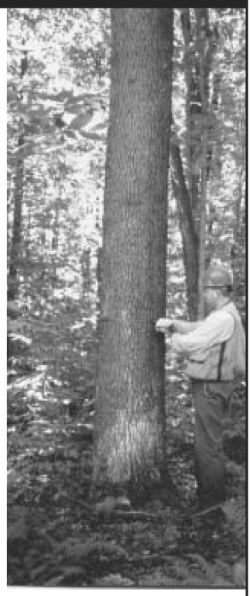

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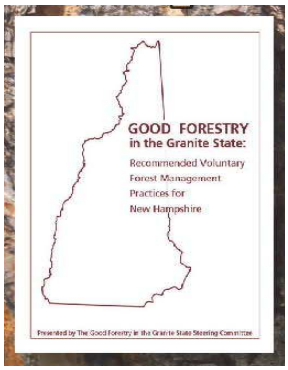
News From University of Massachusetts Department of Environmental Conservation – David Kittredge

On May 4 at the UMass Amherst Department of Environmental Conservation annual picnic and awards ceremony, SAF rings were presented to graduating forestry students who are members of SAF. Eight students signed up to receive rings, and six were present to accept them from SAF faculty Advisor Dave Kittredge.

Congratulations Graduates!

www.nesaf.org

The Book Shelf Books for our readers from our readers



Keystone Forestry Publication Now Available

Good Forestry in the Granite State - Recommended Voluntary Forest Management Practices for New Hampshire

By Karen Bennett, UNH Cooperative Extension Forestry Specialist/Professor

After over two years and many hours of discussion, writing and revision by hundreds of landowners, foresters, loggers, conservation activists and average citizens, the second edition of *Good Forestry in the Granite State - Recommended Voluntary Forest Management Practices for New Hampshire* is ready.

The guide gives landowners, and the professionals who work with them, practical recommendations to care for their woodlots.

New Hampshire ensures a healthy forest differently than many other heavily forested states. Most forestry practices and standards aren't mandated by state law. Instead, New Hampshire law directs the State Forester to develop educational tools to manage "ecologically sensitive and unique natural features of forestland." Working with landowners, specialists and others, *Good Forestry* is the tool the State Forester developed for landowners, foresters and loggers to use.

New topics include setting objectives, management plans, estate planning and land protection, staying safe in the woods, choosing the right timber harvesting system, stream crossings, invasive plants, wildlife species of greatest conservation need, steep slopes, forest products, maple sugaring and ecosystem services markets.

Good Forestry is a 225-page guide, in a three-ring binder format and each copy comes with a cd.

An on-line version is available free at www.goodforestry.org . A copy of the book can be ordered on-line at that website. Directions for ordering through the mail are there as well, or you can call 800-444-8978.

Karen Bennett, Extension Forester and editor of the book says, "We hope the guide will be used as an on-the-ground reference for day-to-day decision-making. It is a 'must-read' for all forest landowners and the professionals who work with them."

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CFE Update– Andrew Fast

Scouting for Pests and Problems of Woody Ornamentals – 9/22/11, Wellesley, MA	2.0 / I
Preparing for EAB Invasion – 6/19/11, Wallingford, VT	3.0 / I
Foresters for the Birds: Tools to Integrate Timber and Bird Habitat Management – 6/17/11, Stowe, VT	5.5 / I
Mapping with Garmin GPS and Google Earth – Groton, MA	2.5 / I
Council on Forest Engineering 2011 – 6/13/11-6/15/11, Quebec City, Quebec	16.5 / I
Insect Laboratory: Hands-on Identification and Management Strategies – 6/9/11, East Wareham, MA	5.0 / I
Control Options to Treat Hemlock Woolly Adelgid in NH and VT – 6/8/11, Walpole, NH	5.5 / I
NAASF Forest Resource Planning Committee Annual Meeting – 6/7/11-6/9/11, Portsmouth, NH	17.5 / I
Scouting for Pests and Problems of Woody Ornamentals – 6/2/11, Sandwich, MA	2.0 / I
Identifying Freshwater Wetlands in the Landscape part 2 – 6/2/11, UMass, Amherst, MA	5.5 / I
Identifying Freshwater Wetlands in the Landscape part 1 – 5/26/11, Amherst, MA	5.5 / I
NAASF Cooperative Forest Management Committee Meeting – 5/17/11-5/19/11, Newport, RI	9.0 / I, 1.0 / II
Today's Carbon Market: Tools and Advice for Forestry Professionals – 5/12/11, Keene, NH	4.0 / I
Scouting for Pests and Problems of Woody Ornamentals – 5/12/11, Stockbridge, MA	2.0 / I
Today's Carbon Market: Tools and Advice for Forestry Professionals – 5/11/11, Manchester, ME	4.0 / I
Blackfly Breakfast –5/6/11, Henniker, NH	3.0 / I
Wagner Annual Mud Season Forester Training – 5/5/11-5/6/11, Bethel, ME	7.0 / I
Forest Vernal Pool Ecology and Management Workshop – 5/5/11, Brunswick, ME	3.5 / I
Brush Mountain Project – 5/3/11, Amherst, MA	1.0 / I
21st Annual Coos Foresters Mudseason Workshop – 4/29/11, Shelburne, NH	4.5 / I
Aggregation of land protection projects: reducing cost, time, and energy, and stimulating interest – 4/26/11, Amherst, MA	1.0 / I
Upland Invasive Plant Species Identification and Control Workshop – 4/26/11, Ashland, ME	2.0 / I
Deer in Southern VT Forests: Understanding their Biology and Managing their Numbers and Impacts – 4/23/11, East Rupert, CT	6.0 / I
Estimating the real estate value of an easement – 4/19/11, Amherst, MA	1.0 / I
Forest Health Information Meeting – 4/19/11, White River Junction, VT	4.5 / I
American Tree Farm System Inspector Training Workshop – 4/12/11, Augusta, ME	4.0 / I
Conservation by a local land trust – 4/12/11, Amherst, MA	1.0 / I
Take a Stand : Introduction to Hemlock Wooly Adelgid Identification and Monitoring – 4/6/11, Freeport, ME	3.5 / I
Working Papers of the Finnish Forest Research Institute, 4/4/11-4/5/11	8.5
NESAF 91st Winter Meeting – 3/30/11 - 4/1/11, Fairlee, VT	13.0 / I
The importance of monitoring easements – 3/29/11, Amherst, MA	1.0 / I
Regional land trust land protection examples – 3/22/11, Amherst, MA	1.0 / I
Community Tree Conference: Tree Workers – 3/18/11, Amherst, MA	4.5 / I
Christmas Tree Pest Management Course – 3/16/11 - 3/17/11, Keene, NH	12.5 / I

NESAF Winter Meeting 2012
CALL FOR ABSTRACTS

The New England Society of American Foresters is announcing a call for papers for the 92nd Winter Meeting to be held April 4-6, 2012, at the University of Massachusetts in Amherst, MA. The papers will be presented during a Lightning Round session and Posters will be presented during the Poster Session. Papers can be submitted as Oral (with a poster) or as a stand-alone poster. The idea of the lightning round is to provide a forum for anyone with new research results or other relevant information to present to NESAF. We are especially interested in student projects and research.

Oral presentations will run for a total of 10 minutes including any questions, and the timekeeper will be strict. Anyone giving a lightning round oral presentation may also prepare an accompanying poster to display during the poster session. Posters may also be offered as stand-alone presentations.

Submissions will be evaluated based on their scientific merit and relevance to the fields of forestry and natural resources. This call for papers is open to all attendees wishing to present new developments in all disciplines related to forestry and natural resources.

Submission Guidelines

1. Send electronic copy of 200 word abstract in MS Word Format by February 15th, 2012.
2. Use lead author's name as document file name (e.g., Smith.doc).
3. Put "NESAF 2012 Abstract" in the Subject Line of the email message.
4. In the body of the message…

Include preference for 1) Oral + Poster or 2) Poster Presentation.
Write out Title of Presentation.
Give full contact information of Lead Author.

5. Send to Richard Campbell at the following address: richard.campbell@yale.edu

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