UNIFYING THE VOICE OF NEW ENGLAND FORESTERS

by Peter L. Greeno

NESAF recently set out on a course of revising the process through which we take positions on forestry issues in New England. At the same time we were engaged in calls with members who repeatedly indicated that they wanted an organization that had a more active voice in New England Forestry. Through your prompting we launched an initiative to revise our forest policy processes. As one of our members has stated so well, we’re seeking to build awareness on issues, to put in place a process enabling learning, to demonstrate leadership and integrity, and to take a well-considered and publicly-visible position regarding timely issues important to members, the public and the profession.

At the focus of our initiative is to revise the process through which we write our position statements and engage our members in that task. In June we formed a NESAF Policy Process Subcommittee and tasked them with revising the process of how our policy committee functions and provides opportunities for engaging our members. By July the newly formed subcommittee sent an invitation by e-mail to our members asking for feedback on how we should proceed. We have been overwhelmed with the quantity of information and level of detail in your responses. At the present time we’ve heard from 22% of our member body. Your responses alone span over twenty pages full of support, critique, and enthusiasm.

Those who responded have been in the business an average of 25 years, and have been with NESAF for 19 of those years. You’ve seen us through a number of transitions both as an organization and as a profession in a time of change. You are active in the profession, reporting over 86 distinct organizations with which you are associated, including professional organizations in the fields of forestry, ecology, engineering and non-professional organizations such as land trusts, conservation organizations, and timberland owner associations. Ranking high in frequency are the Forest Guild, the International Society of Arboriculture, the Ecological Society of America, and The Massachusetts Association of Professional Foresters. It is important for us to recognize what organizations our members value and are willing to support. We must consider the benefits, opportunities for involvement, and other services that these organizations are providing our members. We are now looking to the policy processes within these organi-

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INTRODUCTION: I tell my students that data is the currency of natural resources management. I think they understand and appreciate the important role that data can serve in understanding the world, but what can be overlooked are the methods and efforts that go into the production of that data. In this theme, three author teams consider how technology has evolved and can be used to develop a clearer picture of our New England forests. In the first article, Spencer Meyer and Matthew Russell from the University of Maine discuss the value that a common software package can have in terms of making sense of multiple data sets. Microsoft Access is this software package and it’s one that most foresters likely already have on their office computer. Mark Twery, Research Forester for the USFS in Burlington, VT provides and update on the NED suite of tools. Most foresters in New England will have some familiarity with NED but not everyone may be aware of the more recent updates and modifications designed to make NED more accessible. Lastly, Ken Desmarais, Administrator of Forest Management for New Hampshire Division of Forests and Lands presents a new sampling method along with a new cruise processor. Through big BAF sampling and using the Fox DS Cruiser Processor, a forest inventory can yield an increase in stand accuracy and knowledge without increasing the cost or time of the sampling effort. The tools we use to make sense of the world around us have evolved rapidly over the past few decades. As demands on our forests continue to grow and become more diverse and unique (e.g., biomass and biofuels), the greater facility we now have in measuring our woods and the better we’ll be able to respond to these demands.

Do you Tend Data As Well as you Tend Your Forest?
Spencer Meyer and Matthew Russell
University of Maine

Whether managing timber across large acreages, preparing management plans for small woodlots or developing the next growth and yield model, foresters rely on gathered information to make wise decisions. The challenge is usually not a lack of information but rather that information is not readily accessible. Complicating matters further, foresters need information about a resource that typically transcends the time we each have to work with it. Sooner or later all foresters realize that forest management is really a shared responsibility - findings from our predecessors guide today’s management decisions and those who come after us will rely on the knowledge we pass on. In that vein, we can all make our decision-making more informed while leaving behind a valuable legacy of information for future stewards.

Computer software has proven to be a valuable tool for forest managers, yet the sophistication of certain software can seem daunting. Never before has it been so easy to put vast amounts of useful, seemingly cumbersome information together in one place. While we would like to offer you a novel, sexy new technology, we suggest that there is just the ticket for integrating forest information. As “King” of consumer computer software, it should be no surprise that Microsoft has worked hard to make its tools accessible to foresters, that is access to compile, archive and integrate data from assorted research projects conducted by a landowner-university cooperative. Since the mid-1970s, the Cooperative Forestry Research Unit (CFRU) at the University of Maine has partnered with Maine’s landowners to conduct research investigations on all aspects of the forest. The research program includes tree improvement, growth and yield, water quality, wildlife habitat and biodiversity conservation. Through this process, we identified 103 distinct research projects in the last
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Do You Tend Data As Well As You Tend Your Forest ...(Continued from page 3)

30 years and were able to locate, digitize and archive actual experimental data for 60 of these projects. The recovered data included many individual-tree growth and yield datasets—information that is very valuable for use in ongoing modeling efforts. Just one example of the invaluable information we wrestled from the throes of paper recycling, is a complete set of research site locations and stand inventory information for 423 stands investigating spruce budworm defoliation during the last outbreak in the 1970s and 1980s. Unfortunately for our forest’s health, we are almost certain to need that information in the coming years.

While the types of data resurrected during this process have many different structures, quality standards and varying degrees of documentation, we have been able to pull them all together in one framework using the Access RDBMS. Now we can compile individual tree measurement data from across research studies, assess geographic stand conditions across many studies and ask new meta-analysis questions from many years of otherwise unrelated data.

In a very different kind of information management project, we worked with our partners at the United States Forest Service (USFS), Northern Research Station to develop a comprehensive database for the Penobscot Experimental Forest (PEF). The PEF is a unique long-term silvicultural experiment in Maine that has been continually managed for almost 60 years by the USFS. In addition to a vast amount of data from a network of continuous forest inventory (CFI) plots, the PEF has had many auxiliary studies which have each generated their own datasets. Collectively, the existing data were stored in 3,605 separate data files. Fortunately, the base CFI data have been meticulously maintained by the USFS and many of the other data files contained helpful metadata. However, until now the PEF data were never integrated into one database management system that allowed users access to virtually every forest inventory question imaginable. Though this challenge was quite different from that in the CFRU example, Access again proved to be ideal due to its flexibility and powerful querying structure. Now the entire suite of data from almost 60 years of silvicultural research resides in one, accessible location. With a solid data management foundation, ongoing inventories and other future datasets can easily be added to the stream of forest information.

These projects show just two examples of how MS Access can be used to simplify and integrate forest inventory information. In the first case, Access was used to integrate very extensive organizational-level information. For the experimental forest, however, Access was used to compile intensive information from one location. In both cases, it is the relational structure of Access that allows forest managers to ask questions about their information. These are fairly basic examples of the power of Access. Those of you who dabble with Forest Vegetation Simulator or other growth and yield models already know the power of Access for storing information that can be fed into other programs. Also, GIS experts are aware of the usefulness of Access for storing information in geodatabases. These examples just hint at the potential of Access for forest managers. For those of us frustrated by the frequent changes in storage technologies, it is comforting to know that Access supports virtually all file formats and can export information to any conceivable format for forwards compatibility.

We know many organizations already have well structured information systems. However, the fact remains that our clients’ and stakeholders’ expectations are very high and so the fundamentals of information management are more critical than ever to a manager’s decision-making process. We are not using our existing tools as effectively as we can and in many organizations, information management can take a backseat to more hands-on management responsibilities. Though implementing such a system can be intensive at the beginning, we believe that sound data management pays dividends down the road. Think of it as silviculture for your computer – tend it now and expect veneer-quality information later.

For more information on Access, we suggest going to a video sharing website, like YouTube.com and searching for “MS Access tutorial.” You will find a plethora of excellent primers on Access. Microsoft also maintains a thorough “how-to” section on their website, complete with tutorials and templates. Alternatively, please feel free to contact spencer.meyer@maine.edu for ideas.

Technology Update: The NED family of software tools

Mark Twery, Supervisory Research Forester, USDA Forest Service Northern Research Station

For many years now the numerous foresters around New England and beyond have been using computers to help them do their work. Locally, one of the most popular sets of computer programs has been the NED family of tools developed by the USDA Forest Service’s Northern Research Station with many partners. NED used to be an acronym standing for NorthEast Decision model, but since we have expanded its geographical range, and people in the South and Midwest did not want a “NorthEast Model”, we no longer use the original full name. These tools help foresters inventory their stands and evaluate their options based on available data and occasional expert opinion. One of the key elements that distinguishes NED software from other similar packages is the evaluation of user-specified goals that include resources beyond timber, such as wildlife habitat, watershed protection, and visual qualities. There are some new programs available now that expand the capability of NED’s users. Primary among the new programs is NED-2, an expanded version of the basic inventory analysis program that now includes the ability for a user to apply treatments simulated to stands and make growth projections for the life of

(Continued on page 5)
A Brief Introduction to BigBAF Sampling in New England and the Fox DS Cruiser Processor

By Ken Desmarais, Administrator – Forest Management, NH Division of Forests and Lands

Foresters conducting forest inventories around the world often use variable plot sampling (VPS) techniques, sometimes referred to as “prism or point sampling”. What foresters often do not realize is that traditional VPS is a combination of 2 simultaneous samples. The forester is sampling for basal area as well as XBAR (some characteristic per acre).

You may remember that a VPS estimate is built from 2 parts, first an estimate of the basal area is needed and second an estimate of the characteristic desired. If an estimate of the number of board feet per acre is wanted, the forester will estimate the basal area per acre in sawtimber trees by doing a count of “In” trees on a cruise point. The “In” trees will then be measured to calculate their volume in board feet as well as the basal area of each tree. With this information in hand for the “In” trees, an estimate of the board feet per acre can be constructed.

In the example below let’s say that the average basal area of sawtimber trees is 140 square feet per acre. We now need to construct an estimate of what that basal area means. We do that by building a Volume to Basal Area Ratio or VBAR. If the average volume of the sawtimber trees measured is 261 board feet and average stem basal area was 1.396 square feet the mean VBAR is:

\[ \frac{261 \text{ board feet}}{1.396 \text{ square foot of basal area}} = 186.96 \text{ board feet per square foot of basal area} \]

Multiplying basal area by the VBAR will produce the volume per acre. Using the example above we get:

\[ 140 \times 186.96 = 26,174 \text{ board feet per acre}. \]

In this case if a 20 BAF prism was used to do the sampling, the average cruise point would have seven “In” trees. Consider that 7 trees were measured for VBAR for every single point basal area taken. You should ask yourself do the VBARS have so much more variation that they require to be sampled 7 times more intensively than the basal area per acre. In my experience the variation in VBAR is about equal to the variation in basal area per acre. This means a more efficient way to cruise this stand may be to only measure one “In” tree for each basal area count taken.

The effect each component (VBAR and basal area) has on the cruise statistics can be clearly seen in what is often called Bruce’s formula. The formula appears as:

\[ SE_{\%\ combined} = \sqrt{SE_{\%\ BasalArea}^2 + SE_{\%\ VBAR}^2} \]

where SE\% is the sampling error in percent. If basal area carries a sampling error greater than or equal to the sam-
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Tech Update: The NED family of software tools

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sampling error for VBAR, it makes no sense to sample VBAR seven times more intensively than basal area. Let’s say that basal area and VBAR are equal with a sampling error of 20% each, then using Bruce’s equation the combined sampling error would be:

\[ SE_{combined} = \sqrt{20\%_{basalarea}^2 + 20\%_{VBAR}^2} = 28.3\% \]

If we sampled VBAR about 4 times heavier and reduced the sampling error down to only 10% our combined SE% is only reduced to 22.4% for all that extra work. If we sampled VBAR about 16 times heavier and reduced SE% to only 5 percent the combined SE% would only be reduced to 20.6%. Sampling tree measurements sixteen times greater is an enormous amount of extra work, time and expense and we see very little improvement in the sampling statistics. However if we sampled basal area 4 times heavier as well as VBAR 4 times heavier so that each is about 10%, Bruce’s equation yields a combined SE% of only 14.1%.

If we assume that spinning a basal area takes approximately the same amount of time and therefore the same cost as measuring a tree, we could do far better balancing the proportion of VBARS sampled to basal areas. There are many ways to select the trees on a point to measure for VBAR or any other attribute (XBAR). The John Bell’s newsletter has a great article describing the various methods ([http://www.proaxis.com/~johnbell/iitt/questionftf61.htm](http://www.proaxis.com/~johnbell/iitt/questionftf61.htm)). My preferred method is to carry a second prism or angle gauge that is large enough to select only one or two trees on the average point. On New Hampshire state lands we commonly use an 80 BAF angle gauge. Using a large BAF to choose measure trees means that the measure trees are much closer to point center and quicker to measure. Points are much faster to do so that more points can be done per stand when narrow confidence limits are needed.

We have discussed using BigBAF sampling for estimating volume but it works well for other stand characteristics too such as estimating value and trees per acre. A detailed case study of BigBAF cruising in a New England forest stand can be found in Desmarais (2002) and for forest conditions in the western United States see Marshall, Iles and Bell (2004).

A prism or angle gauge large is difficult to find so I build my own. Using the equation from Dilworth and Bell (1969):

\[ \text{BAF} = \frac{43560}{1 + d \left( \frac{w}{d} \right)^2} \]

can be manipulated algebraically to

\[ d = \sqrt[215]{\frac{43560 - 1}{20 \times 1.25}} \]

Both \( w \) and \( d \) are in the same units, either both in feet or both in inches. Using a common metal binder clip that is 1.25 inches wide and drilling a hole in it and running a string from the binder clip to my eye, a BigBAF angle gauge can be made. An 80 BAF using a 1.25 inch binder clip would have a string 1.22 feet long calculated the following way:

\[ \sqrt{\frac{43560 - 1}{80 \times 4}} \times 0.1041666 = 1.215 \]

where 0.1041666 is the width of the binder clip in feet (1.25/12 = 0.1041666). Any tree that appears larger than the binder clip would be “In” and would be measured on a point. Some foresters prefer to use 2 prisms combined together rather than construct an angle gauge. The John Bell and Associates website has an excellent explanation of how to calculate the BAF ([http://www.proaxis.com/~johnbell/iitt/questionftf61.htm](http://www.proaxis.com/~johnbell/iitt/questionftf61.htm)) of 2 prisms working together using the equation

\[ \text{BAF}_{combined} = \left( \sqrt{\text{BAF}_1} + \sqrt{\text{BAF}_2} \right)^2 \]

for example

\[ \left( \sqrt{15} + \sqrt{20} \right)^2 = 69.6 \text{BAF} \]

in the case of combining a 15 BAF and a 20 BAF to get a 69.6 BAF prism.

Now that I have used BigBAF sampling for about ten years I find it very difficult to use any other method. I generally put in 3 to 4 times more points per stand than I did with traditional sampling yet it takes about the same amount of total time. The stand statistics are usually much better and I feel like I see much more of the stand and have a better knowledge of what is growing there. The maps are much more precise and accurate because I visited more of the stand.

Initially there were no cruise processors or compilers that could handle BigBAF sampling so we constructed our own. The processor is called the Fox DS Cruiser and it is available to the public at no charge except for a little time to take the introductory training. The DS Cruiser is currently an application constructed in MS Excel 2003 however it also runs in OpenOffice version 2.3.1. DS may run in other versions of OpenOffice as well as other spreadsheet applications but has not been tested. The DS Cruiser runs off of 3 very simple data files contained in a spreadsheet. It can use most data recorder files as well. It has been field tested on thousands of acres of state forest lands. Through the years DS Cruiser has evolved into a forester friendly data processor due to the many comments and suggestions offered by foresters in New Hampshire and Vermont. DS is still evolving to address the current and future needs of foresters. The main emphasis of software development is to keep it simple. Most users can be proficient with its use in 30 minutes as compared to more complex processors that could take a day or more to learn.

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Intro to Big BAF Sampling (Continued from page 6)
For more information about BigBAF cruising or the Fox DS Cruiser computer application please contact me at: Ken Desmarais, NH Division of Forests and Lands, PO Box 1856, Concord, NH 03302-1856, Telephone: 603-271-2215 x 317, E-mail (preferred) is Kenneth.Desmarais@DRED.State.NH.US

The author wishes to thank Dr. Kim Iles who first suggested the use of BigBAF sampling for New England forest stands and for much assistance in its use.

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How can our Policy Committee best serve its members?

<table>
<thead>
<tr>
<th>Option</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Our Policy Committee should prepare position statements to inform MEMBERS of our stance on current issues</td>
<td>78%</td>
</tr>
<tr>
<td>Our Policy Committee should prepare position statements to inform NONMEMBERS of our stance on current issues</td>
<td>77%</td>
</tr>
<tr>
<td>Our Policy Committee should keep members informed of current issues though mechanisms other than position statements</td>
<td>67%</td>
</tr>
<tr>
<td>Our Policy Committee should be serving in other forest based organizations and boards where our input is needed</td>
<td>59%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
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Responders could select more than one option; therefore the percents will not total 100%.

The numbers suggest something that we did not expect: 67% of responding members have read multiple NESAF position statements; and 93% percent believe that we should be pursuing new position statements. These members understand how loudly our position statements speak for the organization and will no doubt continue to see both the value and the high stakes in putting out quality statements. Policy documents other than position statements also exist and may help us reach the level of your expectations.

We are hearing from you that we’re moving in the right direction with these changes. Our members want individual and direct involvement in the development of our positions. Not only do 79% of members who responded want the opportunity to comment on developing position statements, but 68% want to be invited to serve on short-term, high impact committees during the development process. We couldn’t be more pleased.

The goal of our policy committee is clear: our members greatly value our policy committee for the purpose of communicating forestry issues to both members and the general public (78% and 77% respectively). We need better public relations and internal communication; and position statements are a valid tool for that communication. In addition our members expect us to be involved outside of our organization, representing forestry where input is needed on issues that matter to them. As we begin to make these changes we are going to need your help.

Our next steps are critical. We have begun reviewing like processes in other organizations to identify several alternatives from which to work, and we want your input yet again. **We are inviting members to**
Advanced Engineered Wood Composite Center
During this past summer, Ray LaHood, federal Secretary of Transportation, toured the Advanced Engineered Wood Composite Center at the University of Maine to become better acquainted with the advanced bridge designs and other products that have been developed at the AEWC Center. Secretary LaHood was impressed with the “bridge-in-a-backpack”, so called because of the lightweight and compact size of the carbon-fiber materials used in construction of a bridge.
Secretary LaHood indicated the American Association of State Highway and Transportation Officials (AASHTO) needs to test the carbon composite bridge arches, before opportunities could go forward to incorporate these materials into the design and construction of bridges in different regions of the country.

Asian Longhorn Beetle
The Maine Department of Agriculture received a $75,000 grant from the USDA to conduct an outreach and survey program on the Asian longhorn beetle. The insect was first detected in 1996 in New York State and subsequently expanded its range west to Illinois and east into Massachusetts. The State of Maine has conducted several training sessions to help individuals identify the insect and the damage it causes.
As a precaution, the state has asked the visiting public not to transport firewood into Maine. The transport of wood products has been a significant method of disbursing the insect.

Labor Issues
During this summer, the poor economy gave rise to tensions concerning companies hiring foreign woods workers in northern Maine, in lieu of hiring Maine residents. The issue generated friction among some of Maine’s unemployed woods workers who threatened to block border crossings in northern Maine, similar to a past occurrence in 1998 when the hiring of foreign labor was also a concern.
Under current law, employment must first be offered to Maine residents, before the opportunity for employment is offered to foreign workers. Also at issue is the hiring of foreign workers and their heavy equipment, which is a violation of current regulations. State and federal authorities indicate they will audit companies who have hired foreign workers in 2009, to make certain that labor laws are being followed.

Comprehensive Land Use Plan
The Land Use Regulation Commission developed its first Comprehensive Land Use Plan (CLUP) in 1976. The original plan was revised in 1983 and again in 1996. Beginning in 2005, the process of revising the CLUP was again initiated. A revised CLUP was issued for public comment in November 2008. Since that time, the plan has generated considerable discussion among different environmental and conservation groups.
In early September, the revised document was presented to the commission for adoption. The Land Use Regulation Commission held public hearings in Augusta (9/28), Bangor (9/29) and Presque Isle (9/30). The public record remains open through October 21st. Individuals interested in commenting on the revised CLUP should submit their comments to the Land Use Regulation Commission in Augusta.

Maine Envirothon
On May 28th, the finals of the Maine State Envirothon Competition were held at the University of Maine in Orono. Eighteen teams, comprising 91 students, competed from across the state. First place was taken by Jay High School, with second place going to Science Explorer Post 897 from Jay and third place going to Dirigo High School, serving the towns of Canton, Carthage, Dixfield and Peru. Congratulations are extended to all the teams who participated, with special congratulations to the top three finishers.
The Envirothon competition began in 1990. Teams compete in five events in the subject areas of: wildlife, forestry, aquatics, soils, and biological diversity in a changing world.

Plum Creek Development Project
As the fall issue of the N. E. News Quarterly goes to press, the Land Use Regulation Commission is expected to grant final approval of Plum Creek Timber Company’s development plan for the Moosehead Lake region. The plan is conceptual in nature. The issuance of LURC permits will be required to allow specific portions of the proposed development plan to be constructed. Significant
development of the project in the near term is not likely, in view of current conditions in the real estate market and the slump in the U.S. economy. In addition, legal issues are expected to arise, since different groups have pledged court action, if the development project receives final approval.

Final approval of the project will activate a conservation agreement that prohibits development on 360,000 acres within the region. The conservation agreement remains in effect unless a judicial decision reverses approval of the project.

Project Canopy
In 2009, tree-planting efforts were financially supported in nineteen communities in Maine, under the Project Canopy program overseen by the Maine Forest Service and the Maine State Arboretum. The program supported the planting of trees in parks, recreation areas, along municipal rights-of-way and in other community settings. In 2008, a similar program conducted in forty-four communities across the state, awarded grants amounting to $250,000 for the planting of trees in municipal areas.

Information about the program is available through Jan Ames Santerre, Project Canopy Coordinator, at 207-287-4987; Jan.santerre@maine.gov or at www.maineforestservice.gov/projectcanopy

Orientation of New Forestry Students at the University of Maine
The University of Maine welcomed new forestry students at an orientation program conducted at Tanglewood Camp. Nineteen students came a week early prior to the start of classes, to experience what a major in Forest Resources is all about. The students, all new to the University of Maine, were given compasses and were sent immediately into The Yankee Woodlot at the Tanglewood 4H Learning Center, to experience the Maine woods first-hand. The course's instructor, SAF member Bill Livingston, spent a week with the students, working on projects involving forest type maps, stand inventory, wildlife habitats and trail maintenance. Robbins Lumber Company in Searsmont hosted a day when students could tour their mill, visit a harvesting operation and walk through lands that they have managed. The course has proved very successful in establishing a strong sense of community among the students and an enthusiasm for their forest resource majors.

The first edition of Good Forestry, published in 1997, provides landowners with practical recommendations for sustainable forest management in New Hampshire. The revised draft, written by scientists and natural resource professionals, updates the original document to include new scholarship in the field of natural resources and address issues raised by natural resource professionals, landowners and the public.

Funding for the revision of Good Forestry in the Granite State document is provided by the Northeast Utilities Foundation, Inc.
To receive a paper copy of the Good Forestry in the Granite State draft or any of its chapters for review, contact Kristina Ferrare at (603) 862-3883 or email kristina.ferrare@unh.edu.

For more information on the Good Forestry project visit www.goodforestry.org or contact Karen Bennett, Project Manager and UNH Cooperative Extension Forestry Extension Specialist, 603-862-4861 or karen.bennett@unh.edu.

Tree Farm Inspector of the Year
Consulting forester Wayne Young is being honored September 30 at the Tree Farm annual meeting in Washington DC for being selected as the best TF inspector in the US!

CONNECTICUT

The weather this past summer in Connecticut has been damp and cool. Similarly, so has economy in the State. A nearly 60 day standoff between the executive and legislative branches of government came to a close early in September. However, the passage of a State budget was not the only item of business this summer. From the Department of Environmental Protection Website, the following press releases were found:

Governor M. Jodi Rell has designated August as “Asian Longhorned Beetle Awareness Month” to make citizens and visitors aware of the serious threat the non-native beetle poses to thousands of acres of Connecticut forests, particularly those with stands of maples, birches, elms and willows.

Acting Department of Environmental Protection Commissioner Amey W. Marrella has been appointed to serve as permanent DEP Commissioner, replacing Gina McCarthy.

Three events will feature the sharing of stories and memories by some of the original CCC crews are taking place on: Sunday, September 20, 2009 at the Salmon River State Forest Pavilion, 12-3pm, Sunday, October 11, 2009 at the CCC Museum at Shenipsit State Forest, 12-3pm, and Saturday, October 17, 2009 at the Burr Pond State Park Pavilion, 12-3pm.

Six properties on Skiff Mountain in northwest Connecticut will be permanently protected from development, according to a press release from The Trust for Public Land. Combined, the properties total 705 acres and all are now protected from future development through conservation easements funded by the U.S. Forest Service Forest Legacy Program. The State of Connecticut will manage the easements.

According to the Yale University Website, President Richard C. Levin has appointed the distinguished evolutionary biologist Sir Peter Crane as dean of the Yale School of Forestry and Environmental Studies. The John and Marion Sullivan University Professor in the Department of Geophysical Sciences at the University of Chicago, Crane is the former director of England’s renowned Royal Botanic Gardens, Kew. Earlier in his career he also led the scientific programs at the Field Museum of Natural History in Chicago.

MASSACHUSETTS - Randy Stone

Chapter News The Massachusetts Chapter of the Society of American Foresters held a summer meeting on July 9th at the Westville Lake and Recreation Area in Southbridge, with chair Chris Pryor presiding. In addition to a business meeting and treasurer’s report, highlights included a presentation by Keith Ross on protection of forest lands in Massachusetts, and a barbeque dinner with all the fixins’ prepared by Jim DiMaio.

Massachusetts Public Lands Management

Green Certification of Massachusetts state forest lands: The public forest land in Massachusetts, including properties managed by the Department of Conservation and Recreation’s Bureau of Forestry and Division of Water Supply Protection and by the Department of Fish and Game’s Division of Fisheries and Wildlife Forestry Program, was certified by Scientific Certification Systems (SCS) to Forest Stewardship Council (FSC) standards during the period from April 10, 2004 through April 10, 2009. Recertification requires a full audit of
management practices. This recertification process was initiated in the fall of 2008, but was not budgeted and approved before the previous certification expired. As a result, the Commonwealth properties were temporarily not “certified” after April 10, 2009. This was NOT due to a violation of FSC principles. The recertification audit took place in early April and the final certification report from that audit has been completed by SCS and is now available online by going to the EOEEA website (http://www.mass.gov/?pagelD=eoeeahomepage&L=1&L0=Home&sid=EOeea), under “Sustainable Forest Management”. Several “preconditions” must be met for this certification to be activated again, but the state expects to have completed these to SCS satisfaction before the end of October, and to then again be certified for the ensuing five-year period (Nov 2009 through Nov 2014).

Forest Visioning process in Massachusetts: The Massachusetts public is passionate about maintaining the correct mix of services provided by the public forests in the Commonwealth. As the demand for recreational uses increases, active forest management has recently come under closer scrutiny. Controversy regarding harvesting in state parks and even-aged management of plantations or for the creation of early successional habitat led to public demand for review of these practices by the Department of Conservation and Recreation. DCR Commissioner Richard Sullivan called for a pause in some harvesting while simultaneously initiating a “Forest Visioning” process designed to address these concerns. A Technical Steering Committee and Advisory Group of Stakeholders have been convened to construct a set of recommendations for the Commissioner and guide DCR’s forest management into the future. For a detailed description of the process, and also guidelines for providing comment as a member of the general public or the forestry community, see: http://www.mass.gov/dcr/news/publicmeetings/forestrypcd.htm. A draft Forest Vision for the Commonwealth is expected by the end of 2009 or early 2010.

Bills and Ballot Initiatives The following bill and ballot initiative are an example of the degree of influence the public has regarding forestry on public lands management in Massachusetts. We as foresters in the Commonwealth are working hard to ensure that the wide array of forest benefits is retained for present and future use. We encourage NESAF members to please contact Chris Pryor, MA SAF Chair at (978) 952-6856 x107 or Bill Hill at (413) 545-3891 with any thoughts or suggestions.

Clearcutting Bill House Bill 765 received testimony in September. This bill defines clearcutting on public lands “. . . as the harvesting of more than seventy-five percent of trees within an area and/or contiguous parcels greater than one acre.” And would “prohibit clear cutting on all state owned lands and lands under the authority of all public and quasi-public authorities, including, but not limited to the Massachusetts Water Resources Authority, the Department of Conservation and Recreation, the Division of Fisheries and Wildlife and all municipal watershed properties with conservation protection easements purchased by the commonwealth”.

Testimony was submitted by a variety of public agencies and private individuals and groups.

Ballot Initiative An attorney in Cambridge MA has submitted a ballot petition that would amend state law to state “Commercial harvesting of wood products shall be prohibited on all forested lands owned by the Department of Conservation and Recreation”. The petition has been deemed constitutional by the Attorney General of the Commonwealth of Massachusetts. This would include all of the state forests, parks and water supply lands. The ballot sponsors need to obtain approximately 66,000 signatures by early November and then pass legislative scrutiny to make the ballot in 2010.

UMASS News Frankie Sullivan was awarded the $1000 Xi Sigma Pi Northeast Regional Scholarship. Franklin is a student SAF member who graduated in May ’09 and is continuing his studies this fall as a graduate student at UNH.

The UMass Amherst Department of Natural Resources Conservation has added two new faculty this fall:

Dr. Andrew Whitely uses a cross-disciplinary, integrative approach to address fundamental questions in conservation genetics as well as evolutionary biology and ecology. He combines evolutionary genomics, molecular population genetics,
quantitative genetics, capture-mark-recapture analysis, field and lab-based experiments, and computational approaches. Dr. Whitely is particularly interested in using basic research to inform management and conservation efforts.

Dr. Andy Danylchuk is an aquatic ecologist who studies fish conservation, recreational fisheries, and sustainable aquaculture.

Dave Kittredge, Brett Butler, Paul Catanzaro, and the Family Forest Research Center have received a grant from the American Forest Foundation’s Center for Conservation Solutions to conduct a review of tax policies nationwide that influence private forest landowners.

Thanks to Bill Hill, Thom Kyker-Snowman and Dave Kittredge for their contributions.

A list of Continuing Forestry Education (CFE) opportunities and other continuing educational activities are compiled at: http://www.masswoods.net/

GREEN MOUNTAIN - Kurt Zschau

Sugaring Licenses
The Department of Forests, Parks and Recreation has approved three new applications for maple sugaring licenses on state lands. The sugaring sites are located in the Town of Groton on Groton State Forest, in the Town of Stowe on Mt. Mansfield State Forest, and in the Town of Mt. Holly on Okemo State Forest. In May of this year, the department announced that eight new sugaring sites were being made available on state forest and state park land to interested sugar makers. The department received a total of six applications for three of the eight sites by the July 10th deadline. A Maple Advisory Board has been established to advise the commissioner on this new program. The board is composed of department representatives, independent sugar makers, and representatives from UVM Extension, and the Vermont Forests Products Association. The board reviewed all applications received and forwarded its recommendations to department commissioner Jason Gibbs for approval. Approved applicants include Glenn Goodrich of Cabot, Lewis Coty of Stowe, and Mark Turco of Mt. Holly. “I was really impressed with the qualifications and experience of these sugar makers and look forward to working with them on this new program”, said Commissioner Gibbs. Over the coming weeks, department staff will work with these sugar makers to delineate the sugarbush and agree on how it will be accessed and managed. “We hope to get much of this work completed in the next couple of weeks so sugar makers will have ample time this fall to get the sugarbush ready for the 2010 sugaring season”, said state lands director Mike Fraysier. License agreements will be developed for each of the approved applicants outlining site-specific conditions and requirements and approved tapping guidelines. License terms will be for a five-year period with the option to renew for two additional five-year periods. License fees will include a standard $50 one-time administrative fee plus an annual fee based on the number of taps in the sugarbush. The per-tap fee will be 25 percent of the average of the previous year’s price per bulk pound of Vermont fancy grade syrup and Vermont commercial grade syrup.

Centenial Photo Contest
The Department of Forests, Parks and Recreation is inviting you to get into the forest and take your best shot – for its Forestry Centennial Photography Contest. In celebration of 100 years of helping Vermonters care for their forests, the contest encourages photographers to explore the important relationship between Vermonters and their forests. “We’re hoping for images that capture Vermonters working in, learning about and enjoying Vermont’s forests – either rural or urban,” said Rebecca Roy, conservation education coordinator. “This centennial celebration is an excellent opportunity to celebrate the role of our forests and renew our commitment to enhancing their contributions to our quality of life.” Photographers are invited to submit color or black-and-white photos on a disc with a minimum resolution of 300 dpi. Entries are due by Oct. 31. Winners will be announced on Nov. 30. The contest includes the Vermonters Choice Award, with winning entries decided by online voting, and the Centennial Award, where entries will be judged for creativity, originality and portrayal of Vermonters using the forest. One grand prize winner and one runner-up will be selected in each category. Winning entries will be
join a newly formed, short-term committee. This committee will form the guiding documents that will determine how we form our position statements, how we best represent the opinions of our members, and how we use these statements to best represent the organization throughout New England. The committee will serve from mid-October until early December. The committee will work mostly through email conversations, by sharing electronic documents online, and will likely meet several times via conference call or an online meeting. We are especially interested in engaging members who have experience in policy development or media communication. Contact our policy chair, Pete Howland, to let him know that you are interested. It is crucial that we get this right, and that it is done with our members in mind. Please lend your expertise; the term is short and the potential for impact is great.

We have posted a summary of the recent survey results online at www.nesaf.org for those that are interested. If you do not have access to email and did not have a chance to respond to the survey you are welcome to either call us to request a copy, or go to our website to print a copy. We will gladly include your input. If you have comments or suggestions regarding our policy process and position statements, Please contact our Policy chair at petehowland47@gmail.com.

Subcommittee Members
Peter Howland – NESAF Policy Chair
Peter L. Greeno – NESAF Membership Chair
Roger Dziengeleski – SAF Regional Council Representative
Ronald Lemin Jr. – NESAF Chairman (Ex officio)

In Your Words- Excerpts from the Surveys comments

- As a professional forestry organization, we need to let our members as well as the public know where we stand on important forestry related matters.
- If we are to be truly professional, then we should provide the public and decision makers with information and education that will assist them in making informed decisions regarding natural resources.
- We are the scientists and the professionals, and we should not let the political processes that affect forests and foresters be developed by others without our input.
- We need to play a leadership role in forest management, forestry, and in the role of forests in providing ecosystem goods and services. Policies can be a way to generate movement collaboratively and in new ways to ensure we sustain our forests.
Being a forester is the best job in the world. After all, what can be better than getting paid to watch trees grow and then getting credit for the productivity?

Obviously, I’m being facetious (about the ease of the job, not the pleasures). Our world as foresters has for quite some time been far more complex than just watching trees grow and is becoming more complicated with every passing day. Changes in private property ownership patterns and tenure terms; loss of markets to overseas competitors; loss of forest ecosystems to sprawl; an increasing number of complex mega environmental issues (CMEIs) like climate change; and greater demand for ecosystem services all add layer upon layer of contradiction to the simple task of watching or helping a tree grow.

So, as Society of American Foresters, how do we cope with all of these changes and complexities when all we really want is to use our knowledge and skills to manage the forest ecosystem for any and all uses desired by society, now and forever more?

The answer does not lie with more strategic plans. SAF has a wonderful strategic plan that is growing better by the day. The answer does not lie in membership category expansions or dues reductions. Although membership is important, there are many examples of small organizations that exert tremendous influence, and just as many large organizations that are inconsequential. The answer does not lie in changing from our objective scientific basics to become more of an advocacy organization. We require science and research to help trees grow, and to improve our understanding of the forest resource.

The only answer for dealing with the changing and increasingly complex world of forestry is unity in achieving our goals. This may sound overly simplified, but as foresters, we tend to be conservative and we just flat-out tend to avoid taking risks. We like strategic plans and being part of large crowds and, more than that, we like science that can give us absolute and certain answers to all of our questions. And we like disagreeing with each other about, well, just about everything when it comes to taking action. But leading in a world with many rapidly changing, complex issues requires that SAF members, at all organizational levels, spend more time agreeing on future goals and less time arguing amongst ourselves. We cannot change the past but we can influence the future.

Let’s focus on the consequences of sprawl and fragmentation and work to mitigate their impacts. Let’s address the important issue of invasive forest pests and their impact on forest health. And it is absolutely necessary that we further the use of forestry in addressing concerns about climate change. These are the really Complex Mega Forestry Issues (CMFI) and to address them we must unify and lead.

Without setting goals to influence CMFI, and measuring results against those goals, we will have plenty of time for watching trees grow. We just may not be getting paid to do it.
Chair Letter – Ron Lemin

The chill of fall is upon us and it will not be long before we wrap up yet another year! Ed O’Leary and I will attend the National Convention in Orlando representing NESAF at the annual HSD meeting. With the help of several members of the Maine Division of SAF we submitted the Maine Poster Contest as a HSD success story. My intent is to hopefully present this award at the Maine SAF Fall meeting.

On-line voting will be hitting your email soon. Several State Divisions, as well as NESAF, have submitted their slate of officers allowing you to vote electronically. We expect the process to go smoother this year. Please don’t forget to vote!

In addition to our normal Executive Committee positions, I ask you to consider two additional candidates in the fall election. Roger Dziengeleski, our current Council 6 Representative, is running for SAF Vice President. Roger has done an outstanding job representing NESAF (Region 6), and I recommend supporting him in his run for VP. Most of you should already have received his post card in the mail. Running for council, replacing Roger, is Carol Redelsheimer. Carol has always been active and supportive in NESAF and at National over the years. Carol is running against a candidate from NYSAF, so a supporting vote from our NESAF membership is highly recommended. Bios for both Carol and Roger can be found in the latest Forestry Source. I wish both candidates success, as well as the candidates running for State Division and Society positions. In a time of reduced volunteerism, I applaud all of you for your support.

The NESAF Executive Committee’s approach to regional and national policy issues has reached the proverbial fork in the road. Forest policy issues within NESAF will be evaluated based on the response to the on-line policy questionnaire that many of you took the time to answer. NESAF is hoping to make sure policy issues get the attention of membership prior to issuing statements.

Council Report- Roger Dziengeleski

Two Great Candidates: This is my last quarter year as your council representative and I couldn’t be happier. Not because my term is ending and soon I may have more free time; I have really enjoyed being your representative and do wish the job would never ever end. Rather, I am happy because I know beyond a shadow of a doubt that the next SAF District Six council representative (for the 2010 through 2012 term) will be better at doing the job than I ever was. The candidates in alphabetical order are:

Carol Redelsheimer and Valerie Luzadis
OR
Luzadis, Valerie and Redelsheimer, Carol

The election will be in progress by the time this article is published so my request of you all is to “pat them on the back” and recognize them for their willingness to volunteer their time and energy to represent us. Regardless of which candidate wins the council seat, both are winners and we will put both into service in some national SAF roll.

Other Volunteers: While we are on this subject, we all need to take the time to thank our volunteers more regularly. Recognition and award programs are well established in all SAF units but we need to do more. If there is one thing that stands out to me from the last three years, it is the dedication and commitment of our volunteer leaders; state, chapter or committee. Their workload is substantial and the time commitment in planning, travel to various meetings and conference calls is never ending. Many go from one SAF volunteer position to another, never taking even a few months off to spend more time with their families or to attend to pressing issues of their day jobs. Although awards are nice, a personal one on one thank you means as much or even much more. So every time you see your unit chair or chair-elect; secretary or treasurer; communications, meeting or other committee chairs; just say thanks. We all get a lot from SAF and these are the folks that make it happen; day after day and year after year. To set the example, I want to personally thank Craig Vollmer, Ken Laust-
Again I urge you to consider those colleagues worthy of recognition of a NESAF award next March! We had an excellent group of award recipients at the last NESAF meeting. Our Awards Banquet gives us the chance to recognize the many professionals in our organization that are making that extra effort. Packages need to be submitted by December, but it is never too late to start the process. The Award nomination package can be obtained from our website: www.nesaf.org. Thanks again for your support. If you have any questions or concerns, please feel free to contact me.

Last and Certainly the Least: I have volunteered to run for SAF Vice President this year. We as the SAF can be much more effective in all issues if we can just unify and move more nimbly in one direction. With the experiences gained on council over the last three years, and with your help and support, I feel we can achieve that unity. We could indeed make SAF into an even more effective and responsive voice for forestry. I would very much appreciate your support and vote in the election.

SAF District Six Representative
A Note from Your Membership Chair - Peter Greeno

As we begin the fall season I’d like to welcome our new and returning students, as well as the professional members that have joined our chapter. It’s a great time to be a member within NESAF. Over the next few months we will have some new and exciting ways for our members to be involved and to have more of an impact on the forestry within New England that we love so much.

Thank you to the hundreds of members that recently voiced their thoughts on how they’d like to see our policy process take shape. Our policy process committee is currently forming a framework to incorporate those thoughts into what will be a valuable asset to our organization. Please don’t ever hesitate to let us know what needs to be changed to keep our organization relevant and worthwhile to you as the member.

Enjoy the fall season, and please take the time to welcome our new members!

The following members either joined or transferred into NESAF between June 1, 2009 and September 1, 2009

**At Large**
Nathan A. Briggs from Maine Division

**Granite State Division**
Andy J. Malmquist from Catawba Chapter
Sean Thomas Ross from Green Mountain Division
Lynne Swinimer from East Kentucky Chapter

**Green Mountain Division**
Sean Thomas Ross from Granite State Division

**Maine Division**
Emma Schultz : University of Minnesota Chapter

**Yankee Division**
Greg Clarke
Cory M. Pruett
Emily Jane Biesecker
Dustin M. Wood from Adirondack Chapter

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**NE SAF Membership Trend**

- **MA**
- **CT**
- **RI**
- **Umass**
- **Yale**
- **Yankee**
- **UM**
- **ME**
- **UMAFS**
- **UVM**
- **VT**
- **UNH**
- **NH**
- **At Large**
The 90th Annual Winter Meeting of the New England Society of American Foresters will be held in Nashua, NH from March 9 thru March 11, 2010 at the Marriot Courtyard Nashua.

Two keynote speakers, Dr. David Orwig from the Harvard Forest, Harvard University in Massachusetts, and Erik Assadourian of the World Watch Institute in Washington D.C. will kick off the meeting “On Our Watch – Forests in Transition”. Dr. Orwig will discuss current and potential future changes in New England forests due to invasive insects and global climate change. Dr. Assadourian will speak on changing our consumptive culture to better balance human needs with the earth’s resources.

Sessions being planned for the meeting include: State of the Forest Industry, Wildlife Habitat Management, Controlling Invasive Plants, Invasive Insects, Biomass Standards, Silviculture, Environmental Philanthropy, Master Logger Certification, and much more. Outside demonstrations of forestry equipment are planned, and a new digital poster session and poster symposium is in the works.

Mark your calendars!

We want to hear from YOU.

Tell us your thoughts on SAF, how we are doing, what you are sick of reading about, etc.

Starting a new segment next quarterly,

Letters to the Editor

Let you voice be heard throughout the organization.

Send your comments to the editors: maggieandscott@myfairpoint.net or Maggie and Scott Machinist PO Box 9 Island Pond, VT 05846

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CALL FOR POSTERS
New England Society of American Foresters 2010 Annual Winter Meeting
March 9, 10, 11, 2010
Nashua, New Hampshire

ABSTRACT DEADLINE: February 1, 2010

Yankee Ingenuity: A Digital Poster Session. The overall topic for the conference is the following: “On Our Watch—Forests In Transition”. NESAF is breaking new ground with its digital poster session for the 2010 Annual Meeting in Nashua. The new format will allow presenters to include more information than a traditional paper poster, increase actual contact time with interested attendees, and save production costs while addressing space limitations.

Please consider presenting in the poster session at the upcoming annual meeting. If you are a first timer and need examples of past posters please contact the poster chair. This poster session is open to anyone in New England and NY:

- Private Industry and greater community (Logger, Landowner, Procurement Foresters etc.);
- Consultants (large, medium, small and individuals);
- Federal, State, Local employees;
- University Communities.

These posters will be in digital format only. These posters will be submitted on CD’s and they will be presented on a screen at the conference at designated times on Tuesday and Wednesday. Posters this year will be judged by the poster committee. Poster presenters must submit an abstract. Letter will be sent to participants with an acceptance letter and further instructions. All posters will be on the NESAF website. See below instructions for submission of an abstract, and two digital poster options and:

Instructions for Abstract preparation and consideration for the SAF conference Deadline of February 1, 2010:

Prepare abstract in Microsoft Word using Times New Roman 12 pt. font with 1-in. margins on all sides and single spacing.

Title: All caps, bold, centered.

Authors: Skip one line after title. List authors, separated by commas. Use each author’s first name, middle initial, and last name. Use a numbered superscript after each author to designate affiliation. Bold, centered.

Affiliations: Skip one line after the authors. List affiliation for each author after the appropriate superscript. Begin each affiliation on a new line. Center. Include email and phone number of the lead author only.

Body of abstract: Skip one line after the affiliations. Do not indent paragraphs. Left justify. Skip one line between paragraphs.

Abstracts including all information listed above not to exceed a half page.

Submit digital poster abstracts by email specify “Digital Poster” or “Digital Poster Symposium” in the email subject line to the Poster Chair: Keri Yankus email: nesaf2010@gmail.com If you have questions, please contact Keri at the above email or call 252-723-8230

Option #1: DIGITAL POSTER

(Continued on page 21)
December 1st is the deadline for Grant Applications

There were no grants given out last year; so there is more money available. Grant criteria, eligibility and application process are available on our website, www.nesaf.org
and click on Grants
If you have any questions contact our grants coordinator
JP Barsky at Joseph.Barsky@po.state.ct.us

Remember grants need to come from the state societies.

(Call For Posters Continued from page 20)

Your poster will be displayed by digital format only (due to space restrictions) during designated times at the conference on Tuesday and Wednesday. This option does not require giving an oral presentation.
1) If your poster is accepted by the poster committee, they will notify you by a letter with further instructions.
2) The author may choose not to be present but it is highly suggested that someone who was affiliated with the project/poster be present.
3) You will also need to have ready to hand out an 8 ½ by 11 sheet of paper with abstract legible on front and poster on back. (Black and white or color will be accepted). Cost of copies is to the person presenting.
4) The digital posters must use a minimum font size:
   a) A minimum font size of 55 Arial
   b) No Times New Roman fonts
   c) Must be readable on a screen
   d) More bullet points and less paragraphs of texts
   e) Apply the same font size to titles, charts, graphs
   f) Please use the minimum font size of 45 Arial text underneath photo
   g) The suggested page size for this digital poster is 48 inches by 48 inches
   h) Digital posters must be in Microsoft Powerpoint 2003 format.

Option #2: DIGITAL POSTER SYMPOSIUM

Your poster will be displayed by digital format only (due space restrictions).
1) On Wednesday March 10, 2009 you will give a 10-minute oral presentation followed by a 5 minute question session. If your poster is accepted by the committee for the Symposium, they will notify you by a letter with further instructions.
2) Have ready to hand out on an 8 ½ by 11 sheet of paper with the abstract legible on the front and a depiction of the poster on the back page. (Black and white or color will be accepted). Cost of copies is to the person presenting.
3) The digital posters must use a minimum font size:
   a) A minimum font size of 55 Arial
   b) No Times New Roman
   c) Must be readable on a screen
   d) More bullet points and fewer paragraphs of texts
   e) Apply the same font size to titles, charts, graphs
   f) Please uses the minimum font size of 45 Arial texts underneath photo
   g) The suggested page size for this digital poster is 48 inches by 48 inches
   h) Digital posters must be in Microsoft Power point 2003 format
NESAF Silviculture Working Group Trip to the Yale Myers Forest.
A day devoted to hardwood silviculture.

On Friday, June 26th, the NESAF silviculture working group held a field meeting at the Yale Myers Forest. The day was devoted to hardwood silviculture. Fine weather, a great turnout, and interesting research sites led to an enjoyable, thought provoking day.

We were greeted by our hosts, Mark Ashton (Morris K. Jesup Professor of Silviculture and Forest Ecology and Director of School Forests) and Richard Campbell (Yale Forest Manager) at the Bigalow Hollow State Park on the north end of the property. Coffee and donuts were kindly supplied and we were joined by the Yale summer crew students. Professor Ashton gave background history of the region and the forest.

Our morning was spent in “Tree Heaven.” While in this aesthetically pleasing area, several interacting themes were explored including soil, hydrology, competing vegetation, deer browse, and tree dynamics. As we proceeded through numerous sites along the Tree Heaven trail, Professor Ashton did a fine job of communicating the results of multiple experiments and data gathering missions.

After a pleasant lunch at the Yale Camp, we went out to the Kozy Road demonstration area which is located towards the south end of the forests. Professor Ashton led us through a demonstration area that had originally been set up by the late Professor David M. Smith.

The day was enjoyable. The Yale Forest community, under the leadership of Mark and Richard, are to be congratulated on the research program there. They have built upon the stellar work of their predecessors and have an active, vibrant forestry location. Having worked in Maine for awhile, I particularly enjoyed seeing the paint on the various odd southern New England trees which allowed me to get caught up with my almost forgotten dendrology!

The working group is now in the hands of David Hall, current Chair, e-mail: d_hall111@yahoo.com for the rest of this year, with Bill Keeton, wkeeton@uvm.edu taking over the reins of the working group at the end of the year.

For more information about the Yale School of Forestry and Environmental Studies, please visit http://www.yale.edu/schoolforest/

Kenny Fergusson,
Past working group chair.

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
## CFE Update

**Continuing Education for Foresters in New England – CFE Update 9/14/09**

<table>
<thead>
<tr>
<th>Event Description</th>
<th>Date</th>
<th>Hours / Type</th>
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<tbody>
<tr>
<td>NESAF Silviculture Working Group – Second College Grant Fieldtrip – 9/12/09, Errol, NH</td>
<td>7.0 / I</td>
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<tr>
<td>Dartmouth College Silviculture Field Trip Friday Evening Program – 9/11/09, Errol, NH</td>
<td>1.0 / II</td>
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<tr>
<td>Upland Invasive Plant Species ID &amp; Control Workshop – 9/9/09, Skoghegen, ME</td>
<td>3.0 / I</td>
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<tr>
<td>Wetland Delineation and Identification and Site Evaluator Soil Pit Classification Workshop – 9/9/09, Georgetown, ME</td>
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<tr>
<td>Upland Invasive Plant Species ID &amp; Control Workshop – 9/8/09, Farmington, ME</td>
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<tr>
<td>Working Together to Conserve Our Region's Working Woodlands – 8/20/09, Phillipston, MA</td>
<td>1.0 / I</td>
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<td>Bottomless Arch Culvert Installation Workshop – 7/27/09, Fort Machias Lake, ME</td>
<td>6.5 / I</td>
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<td>The Great Ideas Summer Conference – 7/22/09, Dartmouth, MA</td>
<td>4.0 / I, 3.5 / II</td>
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<td>Asian Longhorned Beetle and Emerald Ash Borer Volunteer Surveyors Workshop – 7/15/09, Bennington, VT</td>
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<td>Emerging Trends: Opportunities for the Family Forest – 6/27/09, Oakland, ME</td>
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<tr>
<td>Adapting to Invasives: Impacts of Phragmites on Bullfrogs – 6/25/09, Yale Myers Forest, CT</td>
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<td>GIS Options for Foresters – 6/19/09, Orono, ME</td>
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<td>Asian Longhorned Beetle Outreach Volunteer Training – 6/16/09, Augusta, ME</td>
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<td>Upland Invasive Plant Species ID &amp; Control Workshop – 6/12/09, Jay, ME</td>
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<tr>
<td>Identifying Freshwater Wetlands –6/10/09, Amherst, MA</td>
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<td>Upland Invasive Plant Species ID &amp; Control Workshop – 6/5/09, Hebron, ME</td>
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<td>Station Reports – 6/5/09, Winter Harbor, ME</td>
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<td>Upland Invasive Plant Species ID &amp; Control Workshop – 6/4/09, Freeport, ME</td>
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<td>Landscape &amp; Nursery IPM Workshop – 6/4/09, Sandwich, MA</td>
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<td>Identifying Freshwater Wetlands – 6/3/09, Amherst, MA</td>
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<td>Northeast Forest Health Field Workshop – 6/3/09, Winter Harbor, ME</td>
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<td>Yankee Division &amp; CT Chapter SAF Meeting – 5/29/09, Eastford, CT</td>
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<td>Spring 2009 Wagner Training Session – 5/18-21/09, Forks, ME</td>
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<td>Forum on the Forests of Massachusetts – 5/18/09, Petersham, MA</td>
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<td>Statewide Forest Resource Assessments &amp; Strategies – 5/12/09-5/14/09, Portland, ME</td>
<td>16.0 / I</td>
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Online Voting is back, Don’t Forget to VOTE!

If you are don’t receive a ballot, please go to the national website and update your e-mail address or call Corey Hughley.