SIX BILLION AND TWO REASONS TO MANAGE FORESTS

October 12, 1999 was a significant day in the history of our planet. According to the Population Institute we have been adding people to our world at the rate of 78 million per year. This for example is the population of Greece, France, and Sweden combined, or a city the size of San Francisco every three days. October 12, 1999 marked the day that the planet reached a population of six billion people. Over one billion will be adolescents just entering their reproductive years. While the creators of SAF in 1900 were concerned about restoring forests and managing them to increase productivity, they had little reason to believe that world population would triple before we reached the next century. We have done just that! Six billion people!

Forests collectively represent the most widespread terrestrial ecosystem. Spread across six continents, forests cover 27 percent of the world’s land area and if grouped together would cover almost all of North and South America, with only Central America left barren. The world’s developing regions contain 57 percent of global forest cover. Though we all depend on forest resources, they are distributed unequally among the nations of the world. Just four countries - Russia, Brazil, Canada, and the United States - contain half of the world’s forests.

Scholars have cited four main forces - often summarized as “people, poverty, plunder, and policy” - as the underlying or indirect causes of forest loss. Collectively, these represent the systematic conditions rooted within a society that drive individual decisions to cut and clear forests. Of these, population has been the most controversial. Studies trying to link population growth to forest loss have had mixed results primarily due to the complex dynamics of land use, differences in how population is defined, and the different conditions of the forest regions under study. A comprehensive study published in 1998 examined historical changes in forest cover and population in 111 countries to determine the cumulative effect of what the authors called “human drivers” of forest loss. The study was conducted as part of the Land Use and Land Cover Change project, an international research consortium aimed at better understanding the causes of land cover change and its effect on the global environment. The study concluded that about half of the deforestation over the span of human history could be explained by changes in population.

The organization Population Action International has made several recommendations to help people sustain forests. Population policies based on human development and human rights offer the greatest hope for the future of forests. Programs linking conservation activities with family planning services show promise for achieving both the sustainable use of forests and greater acceptance of reproductive health services.

Sustainable wood consumption is essential for the future of forests. Individuals and institutions alike should promote the ecologically sound and socially responsible use of forest products. Eco-labeling, or the environmental certification of wood products, could speed the adoption of more sustainable forestry practices. Consumer demand for green-certified paper and other wood products is an important complement to recycling and other efforts to reduce wood consumption.

The well-being of the world’s forests is closely linked to the health and well-being of women. Investing in education for women, providing credit and other economic opportunities for women, and providing better access to quality reproductive health services directly benefits women, their families, and the world by increasing human capacity, providing the greatest long-term return to societies, individuals, and the environment. Moreover, they are likely to lead to an early peak in world population in the coming century - quite possibly at levels that can co-exist with forests that teem with human and non-human life for centuries to come.

NEW MAINE RULES FOR FOREST PRACTICES ACT

by Marc Johnson

Acting upon direction from the Maine Legislature, the Maine Forest Service has written new rules for the Maine Forest Practices Act. Following two derisive referendums on clearcutting, the Forest Service produced new rules which went into effect on October 1. After a number of meetings around Maine, and listening to stakeholders within the forest community, the 1989 law was revised and a new series of meetings are being held for landowners, loggers, foresters, and interested parties to review the new rules. Copies of the new rules are available from the Maine Forest Service in Augusta.

Of interest to most foresters are the changes in the clearcutting standards. Basically there are no rules regarding clearcutting or certification of regeneration standards for owners of less than 100 acres. With 101 acres of statewide ownership of land (not just forestland) the property is subject to the Forest Practices Act regeneration and clearcutting rules. Clearcuts continue to be ranked on size, but changed from the 1989 rules. The new clearcut sizes are: Category 1 - 5 to 20 acres; Category 2 - twenty one to seventy five acres; and Category 3 - seventy six to two hundred and fifty acres. The definition for clearcuts has been changed to “a timber harvest on a site greater than 5 acres that results in a residual basal area of acceptable growing stock of > 4.5DBH of less than 30 sq.ft per acre, unless after harvesting the site has a well distributed stand of acceptable growing stock 3 ft tall for softwoods and 5 ft tall for hardwoods. Included amongst the new rules are standards on overstory removals, regeneration, harvest plans, separation zones, and notifications. Some standards in the earlier rules have been lowered, or eliminated for owners with 100 acres of land or less.

The Maine Forest Service is making every effort to make these rules available. If anyone has questions about how to proceed, or has a question about interpretation, the Forest Service should be contacted. It is best to ask, before proceeding, as the new rules do differ from those established in 1989.
NEW ENGLAND OFFICERS

Chair - Robert M. Ricard, W. Hartford Ext. Cntr., 1800 Asylum Avenue, W. Hartford, CT 06117 (H)413-256-3067 (O)860-570-9257
Vice-Chair - Robert L. Edmonds, 2 River Rd. Barrington, NH 03825 (H)603-942-5166 (O)860-236-2101 (FX)426-6542
Sec - James A. Stewart, PO Box 486, Kingfield, ME 04947 (O)207-246-2101 (FX)246-6542
Treas - David Maass, 4 Westview Dr., Raymond, ME 04071 (O)207-655-2393 (FX)655-5082
Exec Dir -

EXECUTIVE COMMITTEE

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Canada - John Torunski, 31 Clearview Ave. Fredericton, NB, Canada E3A 1JO (H)506-457-2155 (FAX)458-0652
Connecticut - Leland Sanders, 36 Beach Rock Rd., Pleasant Valley, CT 06063 (H)207-655-2393 (FX)655-5082
Maine - Ken Laustsen, Maine Forest Service, 22 State House Station, Augusta, Me 04333 (H)207-287-3135 (FAX)287-8422
Massachusetts - Thomas O'Shea, 2 Water Street, Shrewsbury, MA 01545 (O)508-792-7270 (FAX)792-7275
New Hampshire - Monica Prusik, RR #1, Box 529, Colebrook, NH 03576 (H)603-922-3300 (FAX)922-5121
Rhode Island - Hans Bergey, 16 Blossom Lane, Hope, RI 02831 (H)(O)(FX)401-821-8746
Vermont - Robert Burt, RR 3, Box 1099, Rutland, Vt 05701 (H)802-747-6738 (FAX)747-6766
Forest Science Coard - John Brissette, 186 Upper Bow St. Northwood, NH 03261 (O)603-868-7632 (FAX)868-7604
Policy Committee - Charles Thompson, NE Forestry Foundation, PO Box 1099, Groton, Me 03742 (O)978-448-8380 (FX)448-8379
Membership - Maxwell L. McCormack Jr., PO Box 295, Deer Isle, ME 04627-0295 (O)207-348-5243 (FX)348-2818
SAF Centennial Liaison - Cynthia Wood, DEM Region 2, PO Box 829, Carlisle, MA 01741 (O)978-369-3350 xt 23
News Quarterly - Gary Salmon, RR 1 Box 665, Cuttingsville VT 05738 (H)802-492-3315 (O)483-2733 (FAX)802-483-9374

DIVISION/CHAPTER OFFICERS

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Vice-Chair - David Pilla, Proctor Academy, Andover, NH 03216 (O)603-755-6000
Secretary - Paul Mulcahey, 3 Old Mill Pond Road, Henniker, NH 03242 (O)603-526-8686
Treasurer - J.B. Cullen, Div. Forests and Lands, PO Box 1856, Concord, NH 03302 (O)603-271-3457 (H)269-5740
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Sec/Treas - Tom Small, International Paper Co. RR 3, Box 1540, Lincoln, ME 04457 (O)207-794-3061 xt 27
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Yankee
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Chair - Christopher Modisette, SNEFCI, PO Box 760, Chepachet, RI, 02814 (O)401-568-1610
Vice-Chair - Rob MacMillan, 66 Pinecrest Dr., N. Kingstown, RI 02852 (H)401-295-7305 (O)521-6300 ext 7318
Sec/Treas - Marc J. Tremblay, 62 Whipple Rd, Smithfield, RI 02917 (H)401-232-1848 (O)521-6300 ext 7316
News Corres - Marc J. Tremblay (see Sec/Treas)

Connecticut
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Vice-Chair - Jody Rowlands, 12 Windham Dr. Simsbury, CT 06020 (O)860-651-8820
Sec/Treas - David Beers, 64 Mill Road, East Haddam, CT 06423
News Corres - Jody Rowlands (see Vice-Chair)

Massachusetts
Chair - Charles Caron, 247 Bragg Hill Road, Ashburnham, MA 01430
News Corres - Jennifer McDonald, DEM, Div Forests & Parks, Box 484, Amherst, Ma 01004 (O)413-545-5993

Canada
News Corres, N. Brunswick - Ardith Armstrong, Outreach Coordinator, UNB, Bag 44555, Fredericton, NB E3B 6C2 (O)506-453-4501
News Corres, Quebec - Kim Lowell, Pavilion Casault/Local 1327, Universite Laval, Ste-Foy, Quebec, G1K 7P4 (H)418-889-8379 (O)656-7998

Council Delegate
Charles Levesque, Innovative Nat. Res. Solutions, 37 Old Pound Rd, Antrim, NH 03440 (O)(FX)603-588-3272
Phone in Concord, NH (O)603-226-0112 (FX)603-226-0499

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The long, hot, dry summer has finally come to a close and the Drought of 1999 is a faded memory. Or is it? It will certainly be interesting to see how “good” leaf peeper season will be this year. The drought in southern New England was most severe while the northern New England states fared better in total rainfall. Stressed trees (i.e., urban, street, infected, damaged, those growing on shallow soils) in my own state of Connecticut had dead or dying leaves by mid-August and even healthy trees on good sites, in many cases, had leaves that were scorched, at least along the margins. On my commute home, I pass northward through the Holyoke Range. On the south slopes as I drive into “the Notch” I estimate that more than fifty percent of the trees (mostly oaks) leaves had turned brown by mid-August. Soil is thin in that location with intense sun angle, but still, this is extreme.

Fall foliage is a big business (note the well-done September issue of YANKEE magazine which is devoted entirely to the fall foliage). New England’s tourism industry is so dependent now on a good fall foliage season that it is difficult to even have an objective and friendly debate about whether or not the fall will be more colorful this year compared to others. It’s a time when just about everyone, even Chambers of Commerce, appreciate forests. Too bad we can’t keep their attention 365 days of the year and help them understand what it takes to have a healthy, thifty forest; one that can serve as a palette of color each fall and keep the tourism dollars flowing.

In the March issue of the News Quarterly I let you know about the development of the Gifford Pinchot Monument and Dedication Ceremony Project. In short, on August 11, 2000, we will dedicate a monument at Gifford Pinchot’s birthplace in Stensbury, Connecticut. This will not only be a big NESAF Centennial event, it will also be a national event. In May, NESAF submitted a Special Forester’s Fund grant proposal to national SAF and I am pleased to announce that we were awarded the grant request of $5000. To date most of the funds required for the event have been raised. I will keep you posted on the project and I hope to see NESAF members there at the dedication ceremony.

As NESAF prepares for the SAF Centennial, I hope that the Divisions and Chapters too are preparing Centennial activities. There are many ideas floating around and I would be interested in what people are planning. If anyone wants to get something going in their state, but can’t think of what to do, look to the Forestry Source for Ideas. The monthly newspaper has been presenting Centennial projects in short articles and maybe ideas might spring from these. You might also want to contact Cynthia Wood (978-369-3350 ext. 23), our NESAF SAF Centennial liaison. Cynthia can help you by making some suggestions and/or by letting you know what other people are or will be doing. And finally, you will also see elsewhere in this issue the startling announcement by Gary Salmon, News Quarterly editor extraordinaire, that he will be resigning that position at the close of the year 2000. Fortunately for me Gary is, coincidentally, staying on until the completion of my term as NESAF Chair. We all know that one of NESAF’s best accomplishments is the publishing of the News Quarterly. Gary has devoted thousands of hours producing this high quality publication since 1986. No one can begrudge him for wanting some well-deserved time off. Members see only a small part of what Gary does for NESAF by reading the publication he produces; but you do not see the dozens of meetings he joyously attends, the countless photos he has taken, and the heavy “telephone mileage” he accumulates in an attempt to get current and timely news. I must add that during my service on the NESAF Executive Committee, a total of six years, Gary, without argument, has been the “go to guy” for information about NESAF history, trends, contacts, and, in general, wise counsel. I feel blessed and relieved, that he will remain for another year and one quarter, but I also know that NESAF will sorely miss this man (though we’ll try like nuts to not let him stray too far).
A Convention From The Other Portland - 1999

SAF NATIONAL CONVENTION
SEPTEMBER 11-15
PORTLAND, OREGON

About twenty two hundred foresters gathered in Portland for the kick off of our Centennial Celebration and while we were there we had a convention. Between September 11th and 15th the Working Groups offered technical sessions and field trips; the General Sessions provided us with inspiration; the exhibits and posters provided some visual references to the things that we do as foresters, and in the middle was the reminder that 2000 is our birthday.

The Society of American Foresters is embarking on a once-in-a-lifetime event - the commemoration of our first 100 years and it kicked off at noon on Tuesday. Introduced were Char Miller and Rebecca Staebler's centennial forestry year publication "The Greatest Good: 100 Years of Forestry in America" and the appearance of our Centennial Spokesperson - actor Lee Horsley. Both will promote our profession, one with photographs and time lines and four chapters which capture a century of our history as a profession and the other with a commitment to our cause and the ability to share his thoughts about the profession (ours) and the future of natural resource management. Our year will conclude or zenith next November at our next Convention in Washington, D.C.

Although few in numbers, the New England contingent was a presence at the Portland events. Chair Bob Ricard, Vic-Chair Bob Edmonds, and Councilperson Charles Levesque all arrived prior to the convention for the HSD meetings. How people arrived also was impressive when New Hampshireites Brad Wyman and his wife arrived for the convention by bicycles. They left Virginia on June 20th and saw the Pacific Ocean on August 26th. Brad's calendar showed 83 days of travel and his odometer showed 5088 miles when he arrived at the convention on Sunday morning, September 12.

Early that same morning Jane Dilley, Ted Howard, Phil Bryce, Charles Levesque, and Gary Salmon joined 244 others for the Fun Run and at 11:00 Dr. Mae Jemison, astronaut and scholar with the Environmental Studies program at Dartmouth, wowed her audience with her talk "Investing in the Present to Secure the Future". Jemison believes that a more inclusive decisionmaking process will result in outcomes less challenged by the public because those participating will feel ownership of a part of the process. However, this process will force scientists to be well versed (as her own background attests) in social issues. She warned that natural resource managers might find that social sciences are actually more difficult that traditional sciences as there are many more variables involved in the social sciences.

The Maine students were among nearly 400 to attend the convention. They had the opportunity to be in the quiz bowl, attend the national student assembly, and the first ever convention job fair. Dr. David Field, also from Maine, entertained about 40 foresters as a part of a discussion on the ballot initiatives from Maine and Oregon. The convention concluded with field trips and wagers about which east coast foresters were least likely to make it home before Hurricane Floyd hit. Bob Edmunds, NESAF Vice-Chair, spent Wednesday nearly a 100 yards in the air examining an old growth douglas fir canopy and Thursday six miles in the air as he beat the hurricane to the Manchester airport by a whisker. All who attended enjoyed Portland, the convention, and the opportunity to prepare for what appears to be a great centennial - the century of forestry in America.

The most novel approach to visiting the National SAF Convention in Portland came from another NESAF member. Brad Wyman and his wife bicycled from Virginia to the Portland convention. Brad did not bicycle to and from convention events but did agree to "pose" with his bicycle for this News Quarterly photo.

Our NESAF Vice-Chair aimed high during the national SAF convention in Portland. Bob Edmonds is dangling about 220 feet above the forest floor listening to the host "Arbornaut" explain canopy research within this 500 year old douglas fir/western hemlock/western red cedar forest.
Little Red Riding Hood and Women's Fears of Forest

On October 2, 1999 at Camp Waubanong near West Brattleboro, Vermont, forester Lynn Levine and psychotherapist Patty Krasner hosted a workshop for women - "Women In The Woods: Transforming Our Fears." As Lynn points out, the Grimm brothers and other fairy tale authors did women no favors in their writings. Think about women and their relationship to famous stories of Little Red Riding Hood, Snow White, Gretel, and to some extent our heroin with the three bears. Each places the forest as a place to be feared and according to Lynn, these early experiences stay with women into their adult lives.

The result of this logic was an all day workshop designed to make the woods a more comfortable experience. As a part of the course the eight women attending were invited to explore a section of the woods and find a "special place": one they could reach some comfort level with. Enter Red Riding Hood, at least a group discussion of it. The version Lynn likes is the lesser known version that has Little Red Riding Hood saving herself without the hunter's assistance. Additional experiences during the day included some basic tools for navigating in the woods and, after trying out these skills, congregating again to write or draw about their experiences during the day. As Lynn explained - "We're afraid of other things and we place them in the woods." This workshop was designed to help women be more comfortable with a woods experience, and over time to enjoy and explore the woods.

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In addition, a 10% discount will be provided to any commitment to advertise in four consecutive issues of the Quarterly and a 15% discount will be provided to recognized advertising agencies. An invoice is sent immediately following publication with payment due within 30 days. All copy must be submitted by March 15, June 15, September 15, and December 15 for publication the following month. Our commitment is to expand the advertising space in this publication and to provide an opportunity for local advertisers first. Please forward advertising interest to Gary Salmon, Editor.

Beetle Spread Continues

On August 18, 1999 Asian longhorned beetles were found in maples just four blocks from Central Park. This is the first sighting of beetles in Manhattan and resulted in the immediate removal of 13 Norway maples in the small playground in which the beetles were discovered. It also resulted in an intensive examination of nearby trees using binoculars to check for holes in the upper boles.

Officials felt that this colonization originated from a beetle source in Brooklyn or Queens. Since the original infestation in 1996, 1,300 trees have been removed and 1,800 beetle resistant trees have been planted. However, with beetles located within a mile of the 843 acre park used by millions of city residents and visitors, officials are obviously concerned. Central Park has 26,000 trees of more than 100 species, many of which are favorite beetle boring targets - maple, willow, and chestnut.

(From Steve Swanson, Tribune Staff Writers)

Working Group News Targets Special Interests

Membership in SAF includes affiliation with up to three working groups of your choice. Working groups address scientific areas of interest such as forest ecology, silviculture, urban forestry, recreation, remote sensing and GIS, and many more. (For a complete listing, visit SAF's website at www.safnet.org. Go to the Forestry Science button and then to the working group page).

One of the benefits of belonging to SAF is that it brings together foresters and other natural resource professionals into one umbrella organization to achieve mutual goals. At the same time, it is important for communities of individuals who share similar interests to have an opportunity to exchange information and to work on projects of a more specific nature. These targets communities can be extremely effective as they contribute to policy, help with technology transfer in a specific discipline, participate in the development of reports and articles, and conduct research. A number of working groups hold seminars or conferences on topics of interest. Most working groups have their own online newsletter known as "WG-news". WG-news can be found at http://www.safnet.org/science/wgdesc.htm. You can check WG-news regularly for the latest news and information specific to your subject area. Working group members who do not have Internet access should investigate public libraries or other community resources. If no such resources are available members should contact the Science and Education Department at the National Office at (301)897-8720, ext. 119.

If you did not sign up for working groups, and would like to sign up or change your preferences, contact Amy Ziadi at (301)897-8720, ext 102 or ziadia@safnet.org.

New Hampshire Comings and Goings

The sale of Crown Vantage Incorporated's paper and pulp mills in New Hampshire was completed in July to American Tissue Corporation for a reported price of $45 million. The sale includes the pulp mill in Berlin and the paper mill in Gorham. The company announced that it plans to retain most of the mill's 850 workers. Allen-Rogers Limited, located in a historic mill complex in downtown Laconia, announced that it has sold the business and planned to be closed by the end of September. Pride Manufacturing, near Augusta, Maine purchased the business and planned to be closed by the end of September. Allen-Rogers had been one of the largest employers in Laconia with 135 workers.
New Members

We sincerely welcome the following new members to the New England Society of American Foresters via original membership (N), transfer (T), or student (S).

Granite State Division: Scott Boudreau of Newmarket (N) and Thomas Malecek of Holderness (N).
Green Mountain Division: Sarah Laird of Waterbury (N) and Jeffrey Hayward of Burlington (T).
Maine Division: Mark MacDonald of South Portland (T).
Massachusetts Chapter: Gregory Previll of Leominster (N), Lisa Verneegaard of Beverly (N), Donald Ryan of Quincy (T), and William MacGillivray Jr of Lowell (S).
Connecticut Chapter: Mary Nguyen of New Haven (S), Elizabeth Rich of West Chester, Pa (S), and Laurel Stegina of New Haven (S).

Current Year/Previous Year Comparison

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Membership Ideas To Be Implemented in New England

A pilot program to seek SAF members from students has been introduced at the University of Maine this fall with the help from National SAF and the Maine Division. It involves allowing each incoming freshman to become acquainted with the profession via free issues of the Journal of Forestry and Forest Source as exposure to professional publications, sources of forestry information, and welcome to the world of forestry. At the completion of the first year, students will then be asked to join SAF as student members. The Maine Division for its part will promote the program, present lectures (12 are scheduled), and be available for mentoring and answering questions about any and all aspects of forestry. Craig Maclean has assumed the responsibility for this Division task. Dale Currier is the present Maine Student SAF Chapter Chair and is looking forward to working with the Maine Division. Max McCormack, NESAF Membership Chair, says “I’m very positive on this approach and hope that it will be successful and become a national program.”

Color is such a simple idea but can be quite effective in “getting to know you”. For next spring’s 80th Winter Meeting the registration badges will be color coded by membership in SAF. Members of SAF will have uniquely identified badges which of course promotes those who are members and identifies those who are not but should be. The implications for discussion are obvious but at a minimum will acknowledge those of us attending that are members.

Forestry Calendar

THINNING THE MAINE FOREST
AUGUSTA CIVIC CENTER, AUGUSTA MAINE
NOVEMBER 15 - 16, 1999

Co-Sponsored by the Cooperative Forestry Research Unit of the University of Maine and the Office of Professional Development from the College of Natural Sciences, Forestry and Agriculture at Orono this conference will bring together professional foresters, technicians, researchers, loggers, and landowners to discuss designing and implementing successful thinning operations in Maine’s forest types.

Registration for the two day event is $150.00, which will entitle the participant to gain knowledge in the silvicultural considerations of thinning and the operational and economic considerations of thinning. Nine speakers will be providing information for just these two topics. The conference will conclude with information gained by experiences from other regions of the world and five case studies related to thinning operations from the Northeast. For further information call 207-581-2896. Pre-registration is required.

WORLD FOREST CONGRESS - 2003

Put the World Forest Congress on your schedule for the year 2003. Quebec City will be the host for this summer event that typically draws 5000 participants from about 175 countries. Quebec City is an easy 6 hour drive from Boston or 4 hours from Burlington, Vermont and is a city well known for its European flavor. It will undoubtedly be an event to remember.

100 YEARS
1900 - 2000

Society of American Foresters

Come and Celebrate Our
Centennial At The NESAF Winter Meeting in Lowell

How are you going to mark the 100th Year of SAF’s founding?? We’d like to make a suggestion. The New England kickoff for SAF’s Centennial will take place at our 80th Winter Meeting. Why don’t you join us for this gala event? March 22 - 24, 2000 (Wednesday - Friday).

This Winter Meeting will be bigger and better than ever. There are two events that you should know about ahead of time because they require your participation. The first is the Foresters Centennial Variety Show and Ball. The Variety Show is an opportunity to share your talents and creativity with fellow foresters. There are three main categories in this good-natured contest: funniest, best costume, and best historical representation of forestry. So call your friends and put on your thinking caps because we’re lining up the acts. The Centennial Ball is your opportunity to “trip the light fantastic” (a.k.a. dance) with your favorite partner. Spouses and significant others are invited and encouraged. Please contact Cynthia Wood for further information at 978-632-3620.

Another exciting Centennial event in the planning stages is the Centennial Jam Session. No mason jars needed, but bring your instruments and get ready to play old tyme and bluegrass music. Contact Tom Abbott 401-539-2356 for details.

News Quarterly Publication Calendar

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THE GREATEST GOOD
100 YEARS OF FORESTRY
IN AMERICA

Authored by Char Miller and Rebecca Staebler, The Greatest Good, is a photographic history of forestry in the United States and inaugurates the centennial year of the Society of American Foresters. It was released during the National Convention in Portland as a part of our kick off campaign to celebrate our forestry lives. With a beautiful combination of photographs, historical (by Darius Kinsey for example) and contemporary, this soft cover "coffee table edition" captures the evolution of both forests and forestry in America. A time line cleverly woven into the publication keeps you abreast of "where you are" as you read your way through four chapters. The book covers how crucial wood was to society at the turn of the century; explores the growth of the profession; explains the new challenges to be met for wood in the context of a growing environmental movement; and leads the reader to today's world of biotechnological breakthroughs and sustainable forestry. Great book and excellent document to kick off the celebration. It is published by the Society of American Foresters, contains 125 pages, cost $40.00, and is available from SAF in Bethesda. Christmas is coming and with this book sitting in a high profile place in your office or home, you can't help but start a discussion around forestry with those who see the book.


A range of powerful forces - increasing demand for wood, uncertain and decreasing supply, increasing environmental pressures, and growing markets for environmentally certified wood - are changing the way the forest products industry conducts business. THE BUSINESS OF SUSTAINABLE FORESTRY integrates and analyzes a series of 21 case studies of industry leaders carried out by the Sustainable Forestry Working Group. The book describes the forces that are pushing the industry toward sustainability, presents an overview of the new techniques and technologies making sustainable forestry more feasible than ever, and gives a clear-eyed look at practices such as certification and their capacity to transform the forest products market. It is the first book to present a composite snapshot of the business of sustainable forestry and the lessons learned by early adopters in form and language accessible to the general business reader. Forest and natural resource managers, forest products industry managers, and students and academics in schools of business and forestry will find the book a unique and valuable guide to an industry in transition.

The Northeast's Changing Forests by Lloyd C. Irland. Harvard University Press release this fall.

In the first book to review the nature of the Northeast's forests, their significance, and policy issues for a general audience, Lloyd Irland tells the story of the changing forests of the nine northeastern states. He reviews their history from the original European settlements through the age of shipbuilding to the retreat of farming and regrowth of the forest in the 20th century. Emphasizing the continuity of their history and varied uses, the work summarizes the forces shaping past farming and land abandonment, forest cutting practices, insects, winds, diseases, and land development patterns. Weaving a strong emphasis on history into the story of the forest, Irland discusses the region in terms of five different "forests", including the industrial forests of the north, the recreational forest around resort areas, the rural forest of the farming areas, the suburban forest surrounding metropolitan areas, and the wild forest of the park and wilderness areas.

A Must-Have Resource
From the Forest History Society

Announcing Forest and Wildlife Science in America: A History — A must-have resource for land managers, researchers, and students that traces the history of science in forestry and wildlife management. Published by the Forest History Society, this resource shows the role science has played in the formation of natural resource policy during the last 100 years.

Sixteen chapters cover both organizational programs and disciplinary fields including:

PROGRAMS
Industrial Research
University Research
U.S. Forest Service
Fish and Wildlife Service
Soil Conservation Service
National Park Service

DISCIPLINARY FIELDS
Forest Ecology and Silviculture
Genetic Manipulation
Forest Economics
Statistical Methods
Technology of Wood and Fiber
Forest Soils
Social Science
Range Science
Naval Stores
Wildlife Science

$14.95 plus $4 shipping and handling
Mail order and payment to:
Forest History Society
701 Vickers Avenue
Durham, NC 27701-3162

Phone order with credit card information to (919) 682-9319.
It has been a busy summer for all of us. SAF Working Group activities were no exception. June was an especially busy month. The NESAF Silviculture Working Group sponsored a workshop on hardwood management June 7-8 in Bethel, Maine. Then June 22-24, the NESAF Silviculture Working Group was a cosponsor of a conference on "Sustainable Management of Hemlock Ecosystems in Eastern North America" at the University of New Hampshire in Durham. Finally, June 27-30 was the 2nd North American Forest Ecology Workshop at the University of Maine in Orono. This workshop was sponsored by all the "C" working groups at the national level of SAF. The "C" working groups are those that focus on ecological issues. Although the workshop was sponsored by national SAF, it had a lot of NESAF involvement in planning and organizing the technical sessions and field trips for the workshop. Also, a number of NESAF members made presentations. I hope you got to attend all or parts of one of the three meetings in June. If you did, I am sure you will agree they all provided valuable information for managers and researchers alike, and that they brought credit to NESAF. If you did not make it to one of those meetings, but would like more information about what was presented, let me know. A proceedings of the Hemlock Symposium will be published by the Northeastern Research Station of the Forest Service, and many of the papers from the Forest Ecology Workshop will be published in Forest Ecology and Management.

Winter brings the NESAF Winter Meeting. This year it will be in Lowell, Massachusetts, March 21-24. This will be a special Winter Meeting because, for us in New England, it will kick off SAF's 100th birthday! How about preparing a poster to present in Lowell? One with an historical theme would be especially appropriate, but we look forward to a range of topics at the poster session. At our last Winter Meeting in Burlington, Vermont, we had 18 posters describing a range of topics from fire management to the clonal habit of pawpaw to forestry in Siberia. With the 100th anniversary of SAF as a topic, the upcoming poster session should be even more diverse. If you have an interest in New England forest history or are involved in an innovative project and would like to share your enthusiasm with your peers, a poster at the Winter Meeting is an excellent way to do it. If you think you might like to prepare a poster, give me a call, I'd be happy to discuss it with you. Also, look for the "Call for Posters" in the January 2000 News Quarterly. You have plenty of time to prepare it, but its never too early to think about how you would like to present information with a poster.

FIRST CALL FOR POSTERS

Members and colleagues are encouraged to prepare poster presentations for the 2000 NESAF Winter Meeting in Lowell, Massachusetts. Poster presentations on any aspect of natural resource management or science are encouraged. Standard poster size in 4 x 4 feet, although a limited number of 4 x 8 posters can be accommodated.

Poster abstracts are due by March 1, 2000, but earlier submission is appreciated. Abstracts should be 500 words or less, double spaced, with 1 inch margins. The header should be centered and contain the title in capitals, author names, and affiliations. Enclose your business card or typed note with your full name, address, and telephone/fax numbers. Mail to: John Brissette, NESAF Technology Coordinator, PO Box 640, Durham, NH 03824-0640. If you have any questions call me at 603-868-7632 or fax to 603-868-7604. If you prefer e-mail, my address is: jbrissette/ne_du@fs.fed.us
We can’t honor foresters with awards of any kind and not matter how deserving unless we nominate them. It’s as simple as that. It takes time to nominate a deserving forester; no doubt about it. But the nomination process serves the purpose of insuring the quality of any candidate as well as pointing out the quality of work necessary to meet the criteria for any given award. NESAF each spring honors foresters for outstanding forestry work with six awards. It is in the fall when those nominations must be thought about and sent to the appropriate person. The following awards have been established by NESAF for deserving foresters. Please consider foresters that you know who are eligible for any of the described awards and nominate them. The deadline for nominations to Awards Committee Chair, Tom O’Shea is December 1, 1999.

Distinguished Service Award is given to a NESAF member and is the highest NESAF award. It recognizes professional achievement in forestry, makes known to the general public outstanding public outstanding contributions of individual foresters to their professions, and enhances public perceptions of the forestry profession. This is the one award that is reviewed by the NESAF Chair and not the Nominating Committee. Since 1966 thirty three foresters have been honored with this award, the most recipient being Dr. Richard F. Watt of Montpelier, Vermont.

NESAF Integrity In Conservation Award is given to a deserving individual who has demonstrated adherence to principles and the demonstration of high standards in the face of adversity. The recipient need not be an SAF member, but must be an individual or organization working within natural resources. The field of natural resources management is often a testing ground for standards, be they economic, political, social, or variations of these and other themes. Compromise is often the outcome, but only after having first set a place for principle - that point at which we feel an ideal could be achieved. Moving from that ideal becomes a test of integrity - can a sense of wholeness and soundness be maintained, and still basically achieve the ideal? The effort need not have “won” or “lost” - only that it was conducted in an outstanding manner in an adverse operating environment. Although presented in 1996 and 1999 to Maxwell McCormack Jr. and Roger Milliken, Jr. respectively, this award will be presented as deserved and not necessarily annually.

The James E. Tourney Outstanding Achievement Award in Service to NESAF, its Divisions, or Chapters is given to an individual who, in the eyes of fellow SAF members, has rendered outstanding service, either recently or over a period of years, to NESAF. Any professional society requires the tireless efforts of many people to fully serve a progressive membership of dedicated people. Many times the efforts of a few require that either in the short term or over a period of years, other professional activities get less emphasis. It is fitting and necessary that the collective membership recognize those whose talents and efforts are directed toward the efficient functioning of NESAF. Since 1989 nine foresters have been so honored with this award, most recently Philip Bryce of New Hampshire.

The Mollie Beattie Young Forester Leadership Award is given annually to a NESAF member who has shown outstanding leadership potential early in their careers. By searching for and rewarding such talent the membership will insure healthy growth and insure continued effective leadership in the future. Since 1989 nine foresters have been honored for their leadership skills, most recently Kevin Evans of New Hampshire.

The Austin Cary Practicing Professional Award is given to a NESAF member who has shown outstanding achievement recently or over a period of years as a practicing forest manager or consulting forester. The heart of forestry is land management service in practice. What the public sees and can comment on through legislation is what is created by the forest managers - public, private, industrial, or private consultant. When an individual manager or consultant has created a favorable image of what a professional forest manager should be, the rest of the practicing foresters and the profession as a whole benefits. Individual with exceptional talent and drive in this area should be recognized. Since 1989 eleven foresters have been honored with this award, most recently Fred Huntress Jr. of Maine.

The Ernest M. Gould Technology Transfer Award is given to a NESAF member who has given outstanding contributions or performances to forestry or the more general field of natural resources, in the area of education, extension, of youth service. Professional educational activities take many forms, from the formal kind found in colleges and universities whose faculty and staff in forestry and forestry extension are dedicated to teaching, research, and extension; to the less formal but no less important activity carried out by practicing foresters in workshops, small group meetings, and one-on-one with interested citizens. Youth activity is singled out because of its importance in recruiting future professionals and future informed citizens. These citizens will be the ones who influence legislatures to further the aims of the professional. Since 1989 eleven foresters have received this award, most recently Dr. David Kittredge of Massachusetts.

Nominations Chair Tom O’Shea has the nominating instructions for all of the above described awards. The only restriction is that no member can be nominated for more than one award in any given year. While our goal is to provide awards at the Winter Meeting in Lowell, Massachusetts next March, a time line needs to be established to make this happen. For this reason it is not too early to be thinking about nominations. Don’t let a good forester go lacking for a well deserved award.
Answers to Your Questions Are Just an E-mail Away!

- What is the physiological impact of ozone on pine?
- I need suggestions for Arbor Day.
- Is there any data to support 3 in 1 plowing?
- I need advice for thinning white spruce plantations to stimulate advance regeneration.
- I am seeking experts in the field of tropical research.
- Do you know of a resource that can help with wording/or an ordinance on residential development tree conservation?

These questions represent the wide variety of topics that are being addressed through inquiries on SAF's new Members-Only list exchange. The e-mail service enables members to resolve issues by drawing on the experiences of their colleagues and sharing ideas and concerns.

Members subscribe to the service, which enables them to read and post e-mail messages. To subscribe, send an e-mail to majordomo@igc.org with the following command in the body of the message: subscribe saf-member.

SAF also maintains a list exchange exclusively for students. The Student Exchange listserv serves as a communications tool for natural resource students from across the country. It's a great way to search for resources for a tough assignment or learn about the activities of other student chapters.

To subscribe, send this one-line message: subscribe saf-student to this address: majordomo@igc.org

Career Center Goes Live!

SAF has just launched its online Career Center designed to assist natural resource professionals in their search for job opportunities. The SAF Career Center provides a number of links to online job resources including:

- SAF Classified Ads
- Public, private, and government natural resource job openings
- Online resume postings
- FREE resume clinics and sample quality resumes
- Tips on how to apply for a natural resource related position
- Employment agencies that specialize in forestry
- Preparing for an interview
- Wages and salary trends
- Relocation information
- Salary comparisons

According to SAF Communications and Member Services Director, Lori Gardner, "Natural resource professionals need a comprehensive employment resource that they can turn to when faced with searching for a job. Until now, no one site has been able to provide a complete package that meets all of their needs. We believe that the SAF Career Center will do just that."

To access the SAF Career Center, go to SAF's homepage at www.safnet.org
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<th>Activity/Date/Location</th>
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<td>Forest Ecology &amp; Silviculture; 6/11/99; Gardner, MA</td>
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<td>Sustainable Management of Hemlock; 6/22-24/99; Durham, NH</td>
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<td>Alpine Pipits; 6/26/99; Gorham, NH</td>
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<tr>
<td>Tree Investment Workshop; 10/29/99; (repeated) Hillsborough, NH</td>
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You may obtain a chronological list of all evaluated programs that have taken place during the past three years by sending $1 cash (for postage and printing) to me at my office.

Jon Nute
UNH Cooperative Extension
468 Route 13 South, Milford, NH 03055
Fall/Winter Meeting on licensing rules - Our fall/winter meeting on December 8 at the Black Bear Inn in Old Town should be a stimulating one. The Maine Board of Licensure for Professional Foresters is looking for input from MESAF on updating the Maine professional licensing rules. It will be the feature topic at this meeting. All foresters in Maine are invited. What appears to be driving the review is an opinion from the Licensing Board that some areas are in need of change. Questions have been raised like - What is the practice of forestry? What should be the qualifications to practice it? Should there be an exam? The Board would like to see a comprehensive review.

Craig Maclean, MESAF Chair, said, "MESAF needs to be involved, and it is a timely subject." The Executive Committee will be looking to form a special committee to work on these rules. Mike Benjamin, MESAF Member At Large, says, "Addressing this request from the Board is an excellent opportunity to keep building on the reputation of MESAF to be a player in licensing." Come and share your ideas.

New Poster Contest Chair - Patty Cormier, Forester for the Maine Forest Service has stepped forward as Chair of the MESAF Poster Contest. This successful program for Maine sixth graders helps them understand the Maine forest and its benefits. She replaces Beth Postlewaite, who has admirably chaired the program for a number of years.

The program cannot exist on one person's efforts, so call Patty and volunteer some time to meet with the schools in your area. She can be reached at 536 Waldoboro Road, Jefferson, Maine 04348 (207)-549-9003 or e-mail at Patty.cormier@state.me.us

New Publication - MESAF member Rob Bryan, Forest Ecologist and Licensed Forester with Maine Audubon Society in Falmouth, has produced a Society sponsored four page publication entitled: "Sustaining the Ecological Integrity of the Managed Forest: Principles and Practices for the Northeastern Forest Region". This piece outlines definitions and concepts about the forests of the Northeast from suburban woodlots to the industrial forests. While the subject matter is very diverse, the piece is well-written, concise and makes people think about the many facets of forest management and ecological integrity. It also speaks to principles for sustaining ecological integrity and recommended management practices. For a copy contact Maine Audubon Society, PO Box 6009, Falmouth, Maine 04105-6099 Ph: 207-781-2330.

Upcoming Meetings - The next MESAF Executive Committee meeting will be held on January 12, 2000. Call Craig Maclean for particulars or to pass on information for that meeting. Craig can be reached at 207-897-3474 ext. 211.

MESAF membership should be thinking about hosting the upcoming NESAF Winter Meeting (the 81st) in the spring of 2001. All are welcome to make this meeting a success.

Newsmakers - Craig Maclean, MESAF Chair, spoke at the University of Maine Awards banquet during June graduation time. He addressed the benefits of SAF membership and life long associations with the forestry profession.

Laurie Noel, MESAF's new Division Manager attended the National SAF Leadership Academy in Arkansas this past Spring. She noted that "the Academy was well worth the time. It is good to meet others from the different regions of the country, and to better understand how to work with National so that we can be a better Society."

Patty Cormier has joined the Maine Forest Service replacing Jim McMullen as District Forester for Kennebec, Knox, Lincoln, and Waldo Counties. She was most recently GIS Forester for Timber Company lands in New Brunswick and also worked for Georgia-Pacific in Princeton, Maine. Jim McMullen is now the Southern Region Forest Practices Act Enforcement Coordinator.

Tom Doak has been selected as the new Director of the Maine Forest Service replacing Chuck Godzik who moved on to a position as Chief Forester for J.D. Irving Company. Tom has a degree in forestry and 22 years with both the Maine Departments of Conservation and Agriculture. He has served as Regional Director for Public Lands, Director of Forest Policy and Management, and an acting Director with the Maine Forest Service on two occasions.

Brenda Rahal has recently joined James W. Sewall Company as a GIS Applications Specialist. Ms. Rahal has 15 years GIS experience in Texas, Colorado, and California and will assume a strategic role in GIS application design and development and in data warehousing for utilities, local government, and the forest industry.
Summer Meeting At Cradle of Conservation - What a facility. Brand new and state of the art. The paint was barely dry when about two dozen foresters descended on the Marsh/Billings National Historic Park in August for our Vermont Division Summer Meeting. This site is the first National Park to focus on the theme of conservation history and the changing nature of land stewardship in America. Natural Resource Manager Kyle Jones and Windsor County Forester Jon Bouton organized the meeting which included a tour of the Rockefeller Estate (the family that actually gave the land to the Park Service) and an afternoon discussion/site visit of the woodlands. The actual education center is housed in a beautifully restored horse barn and captures the history of both the site and the early conservation movement in America. This is a great site to visit.

Dr. Jeff Freeman (retired) makes a point about forest management during the Green Mountain Division Summer meeting at the Marsh/Billings National Historical Park in Woodstock. A lively discussion during the field session in the afternoon helped forge some language around the definition of conservation and how the National Park Service will implement that definition as a part of its educational program.

Champion Lands Deal Finalized - On August 6, the largest land deal in Vermont in recent years was settled when Essex Timber Company of Boston paid $7.5 million for about 84,000 acres of land. Another 22,000 acres was turned over to the State of Vermont. Additionally 26,000 acres had been purchased earlier for $5.5 million by the U.S. Fish and Wildlife Service. These lands make up 31 percent of Essex County and were purchased not only for timber production, but to safeguard a long history of use for public recreation.

Summer Logging Placed on Hold for Bats - In early August the Green Mountain National Forest decided against resuming even limited summer logging until environmental studies are completed on Indiana bat habitat. Five summer log sales totaling about 250 acres had been considered exempt from last November’s decision but new Forest Supervisor Paul Brewster decided against proceeding with these sales stating that it was the prudent thing to do. The Forest Service is working with the U.S. Fish and Wildlife Service on the consultation process to evaluate the bat’s presence in Vermont. Once that study is complete, the Forest Service will then be able to address the issue of how best to protect the bat. The winter log sales that had been awarded prior to last November’s decision would proceed this winter.

Future Topics Based on Survey Needs - Inge Seaboyer reports that the “Forester Education Needs Survey” distributed at the Winter GSD/SAF meeting this past February yielded a considerable response. One hundred and fifteen surveys were returned and the results area as follows: “Day long sessions with classroom and field components” far outstripped all other educational formats which New Hampshire foresters are likely to attend. Well behind in second and third preference were “evening forums to discuss current topics” and “day long sessions with only field components.” Concord ranked number one for location, with Plymouth and Laconia second and third (although all other locations were checked off by over 40% of respondents). Of the survey topics listed the following were the top ten preferred:

1. Federal Income Taxes & Forest Ownership
2. Incorporating non-timber values into inventories and management plans
3. Inventory & growth software/hardware
4. Timber investment strategies for the client
5. Liability issues
7. Getting the regeneration you want
8. Working with boundaries, deeds, and easements
9. New Hampshire road law
10. What’s on the Internet for foresters?
Chrisentons were voted the best NH Tree Farmers for 1999. Grasses and fruiting shrubs, selectively harvested sawlogs and

Field Day Honors Chrisentons - More than 150 forest landowners from across New Hampshire came to the 10th annual Tree Farm Field Day on September 11 in Lyndeborough at Tom and Ginny Chrisenton's Tree Farm. Walking tours throughout the 740 acre forest featured a variety of topics including ice storm recovery, timber harvesting, vernal pools, beaver meadows, road building, and even a hawk watch from North Pack Monadnock Mountain with naturalist Meade Cadot.

The three NH Tree Farm program sponsors, UNH Cooperative Extension, NH Timberland Owners Association, and SPINHF, provide direction for the 1,700 New Hampshire Tree Farms which include nearly a million acres of land. The Chrisentons were voted the best NH Tree Farmers for 1999. Since purchasing the property in 1972 they have built more than 2 miles of access roads, created wildlife openings with grasses and fruiting shrubs, selectively harvested sawlogs and

Just missing the top ten was "Identifying and protecting rare plants and natural communities." Thirty eight additional topics were suggested.

Thanks to everyone who took the time to complete the survey. Future workshops will strive to consider these results. In October the GSD will be co-sponsoring the first Fox Forest workshops on "Tree Investment" offered on the 15th and 29th. Watch your mail for more details. Evening forums may occasionally stray a bit from the survey subjects in an effort to cover timely topics. The 1999 Fall Forum is in the planning stages to discuss a subject on everyone's mind: "Low Grade Markets". Information on the date and time (November) will be forthcoming.

Forest Vision Developing - Bob Durand, Secretary of Environmental Affairs has asked Umass Extension Forester David Kittredge to organize a team to help him develop a forest vision for Massachusetts. A diverse 12-person team will be meeting through this fall with the goal of creating a simple vision that will be used as the basis for more in-depth planning by the various EOEA agencies. Once the vision is developed, it will be out for public review and hearing through the legislature's Special Commission on Forestry, chaired by Senator Steve Brewer. The idea for the vision stems from the "Thinking in Forest Time" report generated by the Harvard Forest, authored by Henry Foster and David Foster.

Watershed Initiative Promotes Understanding - The Massachusetts Watershed Initiative through efforts toward public education and outreach has put together a series of workshops in the Westfield and Farmington River watersheds. These workshops are funded through a Stewardship small grant and involve DEM Service Foresters, consulting foresters, watershed team leaders, and local watershed associations. The first two workshops were held on October 6 and 16 in Cummington and Tolland respectively. It is hoped that the watershed approach provided by the initiative will result in more local understanding of how resources are connected and how individuals can make a difference. For more information on the Watershed Initiative contact Mike Parker 413-532-4450.

Forest and Wood Products Institute News - Rob Rizzo has been hired as Director of Massachusetts Wood in Transportation. The focus of this position is to encourage state and local Departments of Public Works to use more wood in bridges and guardrails. Anyone who knows of upcoming projects in their town please give Rob a call at 978-632-6600.

Massachusetts Updating Photos - The Umass Resource Mapping Program in the Department of Natural Resources Conservation (formerly the Department of Forestry and Wildlife Management) is conducting an air-photo interpretation update of Massachusetts. This will be the first complete update since 1985 and is estimated to take two years.

Workshops - Massachusetts Association of Professional Foresters will be holding a meeting on October 27 with topics of discussion to include: Forester Licensing, Chapter 132 (Forestry Cutting Practices Act); and Chapter 61 (Forest Land Tax Law). Chief Forester Warren Arche, Umass Extension Forester Dave Kittredge, and DEM Service Forestry Program Supervisor Jim Soper will be on hand to help answer questions.

Forest and Wood Products Institute will hold a workshop on October 27 entitled "Advanced Logger Rescue. It is an all day session held in New Salem. For more information call: Joe Smith 978-632-6600.

Newsmakers - Fred Morris will be leaving the Massachusetts Natural Resource Center Co-operative. He assumes a new position working for e-wood.com which is an Internet based auction house serving both the primary and secondary wood products industry.
Floyd Damage Minimal - Connecticut forests were spared a direct hit and the possibility of severe damage from Hurricane Floyd. During the afternoon of September 16th, the hurricane was downgraded to a tropical storm and while Connecticut did receive strong winds, heavy rains and local flooding, the forests appeared undamaged the following morning.

Fall Meeting to Focus on Certification - The 1999 Connecticut Chapter SAF fall meeting was held on October 19 at the Connecticut Forest and Parks Headquarters in Middlefield. Smartwood's view of Certification was presented followed by Eric Johnson from the Northern Logger who presented information on how certification effects private landowners.

Land Valuation Subcommittee Established - Legislation was passed during this past assembly to create the subcommittee under the State Conservation Committee. The subcommittee is now in the process of being appointed, with its first meeting scheduled for mid-November. The subcommittee will determine the methodology and the resulting current use valuations for land certified under the Farm, Forest, Open Space Act. These values will be recommended values only. The RI Rural Lands Coalition intends to convince local tax assessors to implement the values, as intended under the FFOS Act, for the benefit of their communities. Studies commissioned by the RI Rural Lands Coalition demonstrated the positive impact on community development and tax revenues by lowering valuations for current use properties. RI Chapter Chair Chris Modisette, along with Marc Tremblay, Hans Bergey, Thomas Dupree, and Tom Abbott, have all been active in the Coalition.

Walk In the Woods Scheduled - Two walk in the woods programs were scheduled for this fall: October 13 at Dame Farm in Johnston and October 15 at the Arcadia Management Area. Paul Dolan, who is involved with PLT and RI Environmental Education, was the official scheduler of this event which interested in number of Rhode Island elementary schools.

Directory on Line - SNEFCI's Secondary Wood Producer's Directory is now on-line. The Directory covers Massachusetts, Connecticut, and Rhode Island. In its current form it is incomplete, with information coming from a survey conducted by SNEFCI this past year. Being on-line, it can be updated and added to on a regular basis and will be a valuable tool for the wood industries. For more information contact Rhode Island Chapter Chair Chris Modisette who is also the SNEFCI Executive Director.

Annual Meeting Set - The RIFCO annual meeting is scheduled for November 13th at the Foster Country Club. The speaker will be Bruce Wright of the National Agroforestry Center, who will address the forest landowners on the specialty products available from New England.

Forest Program gets financial boost - The Ministry of Natural Resources has provided $32.5 million to the program "Increasing the Value of Forest Resources" for this upcoming year. This 27% increase from the prior year will enable the program to improve multiple resource forest management, increase forest production, contribute to the economic development of native people's communities, and provide for cost-sharing among the Ministry, forest companies, and local communities. This will also provide nearly 6700 seasonal jobs.

Forest Engineer Meeting focused on productivity - In June the Order of Quebec Forest Engineers held a two day meeting to show how reforestation can be a tool for increasing the productivity of Quebec's forests. The meeting centered around defining "productivity", identifying what factors influence productivity and how productivity can be increased in both natural and plantation forests. Several companies presented information on their reforestation efforts and the meeting concluded with a site visit to examine first-hand the success of related reforestation practices.

New Way of Analyzing Wood Chips Developed - The Industrial Research Centre of Quebec has recently produced a piece of equipment that is capable of analyzing the quality of wood chips. Unlike the traditional method which depends on sampling techniques and visual assessment, this new machine uses optical evaluation to assess the luminosity of wood chips as well as evaluating their density and moisture content. It is being tested by two pulp and paper mills in Quebec and is expected to see wide use by particle board manufacturers and sawmills.

University News - The Premier of Quebec (equivalent of the governor of a state) recently visited the Faculty of Forestry and Geomatics at Laval University. He was particularly fascinated by some of the innovations in Geomatics that have been produced at the Centre for Research in Geomatics to assist in the management of natural resources.

The University of Quebec Abitibi-Temiscamingue and the University of Quebec - Montreal have established an Industrial Chair in Sustainable Forest Management. The position will be financed by a number of Quebec companies, the Ministry of Natural Resources, and the Natural Sciences and Engineering Research Council of Canada. This position will ensure the development and monitor the quality of research activities in Sustainable Forest Management as well as provide training and technology transfer in this important area of forest activity.
First Call for Editor

At the twenty first NESAF Winter Meeting held in Springfield, Massachusetts on February 21st and 22nd, 1940 it was voted that the Section should produce a quarterly newsletter. Membership had grown since the creation of NESAF in 1920 from 41 members to over 400 as had the business of forestry and the need to communicate. The Executive Committee was directed to recommend such changes in the by-laws as necessary for the creation of this position but there appears to have been no changes in the by-laws until 1951. There was however, a News Quarterly. Under the direction of initial editor James D. Curtis the Quarterly became the reliable forestry news source for New England foresters. Since that time a dozen people have served as Editor although, including repeat editors, fifteen people have actually produced our newsletter.

Beginning in 2001 an opportunity will be available for a NESAF member (or members). Another Editor must be added to the history of the News Quarterly. New direction, new format, the possibility of complete computer creation. A blank slate for someone of creative ability. The only major requirement is that a Quarterly be produced four times per year which reflects the interests of the foresters of New England and Canada. There are other tasks related to creating the News Quarterly and they will be listed in a more formal job description. However, if anyone has an immediate interest in assuming this responsibility, don’t hesitate to contact me. More news to follow in subsequent issues.

DON’T FORGET TO VOTE

In November the ballots will be sent to you. NESAF will be electing Executive Members for New Hampshire, Rhode Island, and Connecticut as well as a NESAF treasurer. The nominations committee, Chaired by Monica Prusik, has found multiple willing candidates for each opening (that’s two for each position except for treasurer at the moment). So when you receive your ballot use it. DON’T FORGET TO VOTE!!!!!!

Society of American Foresters

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, NESAF WILL PROVIDE THE LEADERSHIP TO ACHIEVE ITS MISSION.