Difley Receives Distinguished Service Award

Jane Difley, President/Forester of the Society for the Protection of New Hampshire Forests, is the 2004 recipient of the NESAF Distinguished Service Award. Difley is the fourth chief executive in the 102-year history of the Forest Society. She also achieved national prominence in her service to the SAF and in her work with the Tree Farm and Project Learning Tree programs.

Jane was a forester for Green Diamond Forestry and then a UConn Extension Forester. She went on to become VP of Forestry and National Tree Farm Director for the American Forest Foundation. She has held a dozen different SAF positions, culminating in her election as President of the National SAF in 1993. She is a graduate of Connecticut College and the University of Massachusetts.

The Distinguished Service Award is the highest award given by the New England SAF. It is presented annually in recognition of professional achievement in forestry.

Yankee Division Honors David M. Smith

The Yankee Division named its annual Outstanding Forester award after Dr. David M. Smith, Professor Emeritus, Yale School of Forestry and Environmental Studies, at its annual winter meeting in February. They presented him with a chair to commemorate the event. Howard Mason, Adam Moore, Mark Ashton, and Tim Hawley provided personal testimonials relating to their experiences with him.

David Smith is one of the most influential people in NESAF. An internationally recognized authority on silviculture and forest management and the author of hundreds of publications, David is perhaps best known for his widely-used textbook The Practice of Silviculture. He has received countless awards, including having been awarded the NESAF Distinguished Forester Award — twice.

Bob Ricard noted that “when you scan the group of participants at a Connecticut Chapter, Yankee Division, or NESAF educational event, David is almost always there. He is continuously searching for new knowledge and new ideas. He has consistently been one of the most steadfast and loyal members. By placing his name annually on the Yankee Division Outstanding Forester Award, we will annually acknowledge this man.”

Paul Dolan, of Rhode Island was this year’s recipient of the award. See page 14 for details.
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ANNUAL MEETING

Quebec Proclaimed a Success
In a brief interview with Bob Ricard, Chair of the annual meeting committee and principal proponent of the Quebec venue, he expressed a combination of relief and delight with the turnout and feedback on Friday morning. He reported that 276 attended, including 57 members of the Northeast Forest Pest Council, which ordinarily draws about 30 members. The concurrent forest pest sessions were heavily attended by members of both organizations, causing Ricard to suggest that the format be repeated in the future. He cited institutional budget constraints, especially for travel out of the country, as a hurdle to larger attendance.

Bob said that the international program was difficult to assemble but was rewarding in its yield. Several participants declared their interest in learning about Canadian forestry and land management—not to mention lumber quotas and tariffs! Forty percent of the speakers were from Quebec, Nova Scotia, New Brunswick and Ontario. United States speakers traveled from all of New England, DC and New York.

The cost of the meeting itself and hotel rooms was equal to what Lowell would have cost, though Ricard acknowledged some extra travel and perhaps an extra night of lodging would drive expenses a bit higher than normal. The venue, however, was highly proclaimed for its historic, aesthetic and entertainment value. Truth be known, some participants were found wandering the streets of the Old City while sessions were under way. The school socials were held adjacent to one another on the top floor, which was well received for its conviviality.

Integrity Award to David Houghton
David Houghton helped protect 171,000 acres of northern New Hampshire and maintain the land’s cultural and economic role in the region. The Connecticut Headwaters Campaign was a joint effort, begun in 1991, of local, state, and federal officials, the Society for the Protection of New Hampshire Forests, the Nature Conservancy, and the Trust for Public Land.

Houghton, as Director of the Trust for Public Land’s northern field office, actively sought the aspirations and support of local residents and committed to achieving their goals in environmentally sustainable ways. Throughout a long succession of community and task force meetings, Houghton persisted in finding common ground. He was steadfast in his commitment to achieve the goals of the North Country residents and maintain recreational access and timber production.

The Headwaters Campaign was completed in 2003. 171,000 acres of private forest are now permanently preserved and will continue to provide local employment in the timber and tourist industries. The land encompasses 840

(Continued on page 5)
2004 Awards

Ingeborg V. Seaboyer—James W. Tourney Outstanding Service Award

Inge Seaboyer serves as Education Director for the Granite State Division of SAF. Her talent and hard work in developing and delivering continuing education programs for foresters have earned her high praise from private, state, and federal foresters.

She is an accomplished artist who donates a portion of her work to the Foresters’ Fund, University of New Hampshire Cooperative Extension, New Hampshire Project Learning Tree and the New Hampshire Division of Forests and Lands.

Inge had a key role in planning and arrangements for the 2002 NESAF annual meeting. She has been a forester for the New Hampshire Division of Forests and Lands since 1985.

She earned a Bachelor of Science in Forestry degree from the University of New Hampshire.

Jim Tourney was one of the first 15 foresters in SAF and helped found NESAF. Tourney joined Henry S. Graves in 1900 to begin the Forestry School at Yale University and served as its dean.

Leland H. Sanders—Austin Cary Practicing Professional Award

“Bud” Sanders began his forestry career in 1974 at the Metropolitan District Commission of Connecticut and is now MDC’s Manager of Water Supply.

He is responsible for forest management on 31,000 acres, sand and gravel mining, and source water protection on 100 square miles of watershed. His technical expertise, innovative spirit, and careful stewardship have improved the quality of MDC’s forest in diverse ways. The forest continues to yield abundant timber, serves as habitat for the only successfully nesting bald eagles in the state, and hosts an award-winning handicapped accessible and Braille nature trail. Sanders is a founding member of the Northeast Association of Watershed Forest Managers. He is a graduate of the University of Wyoming and the University of Maine.

The Austin Cary Award recognizes New England SAF members who have shown exceptional achievement as practicing forest managers. Cary (1865 - 1936) graduated from Bowdoin College and introduced northern landowners to forest sampling, growth estimation, and simple silvicultural techniques. Cary’s Woodsman’s Manual, written in 1909, was still used as a textbook in the 1960’s.

Jeffrey S. Ward—Ernest M. Gould Jr. Technology Transfer Award

Jeff has been Station Forester and Associate Scientist at the prestigious CT Agricultural Experiment Station since 1998, following eleven years there as an Assistant Scientist. He was a Peace Corps volunteer and then taught at Purdue University for four years.

He has authored or co-authored 42 scientific papers. Each year, he makes 20-30 formal presentations, in English or Spanish, to garden clubs, arborists, loggers, foresters and fellow scientists. Ward maintains research plots across Connecticut including forest ecology, silvicultural methods, prescribed fire, deer impacts, Nectria, and white cedar.

Jeff graduated from Ohio State University and earned his Ph.D. at Purdue. He was Forest Science Coordinator of NESAF, 2001-03.

The Ernest M. Gould Jr. Technology Transfer Award is given for outstanding contributions to natural resource science and management through

(Continued on page 5)
Poster Awards

Five poster awards, based on a popular vote, were given at the Annual Winter Meeting.

First Place: Erin Small, Jeremy Wilson, and Alan Kimball (Univ. of Maine) "Vegetation dynamics after the Baxter Park fire in 1977."

Second Place: Michael Maguire (Univ. of Maine) and Laura Kenefic (USDA Forest Service) "Rehabilitation of northern hardwood stands in southern Maine following exploitative harvests."

Third Place: Joseph Barsky (CT Agric. Exper. Station) "Structural changes in the New England landscape during the last 100 years."

Honorable Mention: Laura Kenefic, John Bristette and Paul Sendak (USDA Forest Service) "The effects of alternative diameter-limit cutting treatments: some findings from a long-term northern conifer experiment."

Honorable Mention: Spencer Meyer and Robert Seymour (Univ. of Maine) "Leaf area as a growth predictor for red spruce and balsam fir in managed stands in Maine."


(Continued from page 3)

miles of streams and the headwaters of the Connecticut and Androscoggin Rivers. It is home to 13 rare or endangered animal species, including bald eagle, loon, northern harrier, Canada lynx, hoary bat, pine marten, and wood turtle, and 54 rare plant species. Houghton became President of the Audubon Society of New Hampshire in 2003. He is a graduate of the University of Vermont.

The Integrity in Conservation Award, first given in 1998, recognizes an individual or organization in natural resources that demonstrates adherence to principles and high standards in the face of adversity.

**UNH Cops Quiz Bowl Laurels**

![UNH Quiz Bowl Team](Garret Dubois)

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education, extension, or youth service. Gould achieved wide acclaim for his expertise in analyzing and resolving forest resource policy issues while on the faculty of Harvard University.

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**2004 Annual Winter Meeting Sponsors**

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**Thank You!**
USDA Forest Service—Helen Thompson

Forest Sustainability in the Northern US

What does the future hold for our forests? Will they remain healthy and continue to protect water and support jobs? In short, are forests managed sustainably?

The United States is assessing sustainability and the effects of forest management using an internationally recognized monitoring system, commonly referred to as the Montreal Process. This framework uses 7 criteria and 67 indicators of forest sustainability for temperate and boreal forests, developed by a broad-based group of foresters, environmentalists, and scientists from 12 countries, including the United States, who met in Montreal, in 1995. A 2003 national Forest Service report on sustainable forests is available online at http://www.fs.fed.us/research/sustain.

Across the 20 Northeastern and Midwestern States, State foresters and forest resource planners have been working with the Northeastern Area, State & Private Forestry branch of the USDA Forest Service (NA) to implement sustainability indicators. The Northeastern Area Association of State Foresters (NAASF) and NA have endorsed the Montreal Process framework of criteria and indicators as the primary model to guide forest sustainability assessment.

The recently released “Sustainability Assessment Highlights for the Northern United States,” a summary report, is based on the first review of the region’s forests based on the Montreal Process criteria and indicators. It gives scientists an important “snapshot” of today’s forests and a baseline for tracking future trends.

NAASF and NA have found it valuable to monitor sustainability using criteria and indicators. The Northeastern Forest Resource Planners Association has helped to develop a base set of 18 indicators, consistent with the Montreal Process, to assess the sustainability of forests across the region. A comprehensive evaluation of available data was completed to determine the most suitable metrics for the indicators and to identify data gaps that should be addressed.

NA and NAASF plan to develop a Web-site to provide indicator data and metadata at State and regional scales. They plan to produce regional sustainability assessment reports every 5 years. “Sustainability Assessment Highlights” and future sustainability indicator reporting provide foresters, policymakers, landowners, and the public with the information they need to correct threats to sustainability.

A poster featuring the “Sustainability Assessment Highlights” was displayed at the Quebec NESAF meeting. This report and other resources are available at http://www.na.fs.fed.us/sustainability.

Focus Species Forestry: a Multi-Species Approach to Integrating Timber Management and Biodiversity

A Workshop for Landowners, Foresters, and Loggers

Co-Sponsored by the Small Woodland Owners Association of Maine, Maine Audubon, the Professional Logging Contractors of Maine, and the Maine Forest Service,

Learn to manage for wildlife species and special habitats while producing valuable timber. Use inventory data to develop maps that represent timber type, wildlife habitat and other components of biodiversity. Understand how to apply the concepts in planning and harvesting. Take home a copy of the new management guide that explains in detail the information covered at the workshop.

May 6       GP Training Center, Old Town, ME
May 13      Northern Maine Fairgrounds Forestry Building, Presque Isle, ME
May 17      University of Maine at Machias

3.5 Category 1 SAF-CFE and Maine Licensed Forester credits. To register contact Paul Miller: 1-866-845-3047 or paul@swoam.com $15 fee, payable to SWOAM c/o Paul G. Miller 323 Bill Luce Road, Washington, ME 04574

6
FOREST PESTS

New England's Forest Health

The health of New England's forest is defined by its ability to maintain native and natural diversity, and remain vigorous while sustaining its role in the environment and socioeconomic world. A myriad of factors affect the health of New England's forests. Factors like air pollution, urban sprawl, introduced insects and diseases, catastrophic weather events, demand for wood products, and wildlife populations have all played a role in defining the health of eastern forests. It's a testament to good soils, adequate rainfall, and dedicated landowners that New England is the most forested region (by % of total area) in the union. Our forests look very different from the forests found here centuries ago, and the current forests are not in perfect health, but when comparing our forests to others around the world, no region could claim a more resilient forest than New England.

One of the biggest threats to the health of our modern forest is the introduction of non-native insects and diseases. In 1900, there were a handful of exotic insects and diseases in North America. Today, there are more than 500 exotic, invasive insects and diseases feeding on forests of the United States. The economic damage from lost growth and mortality is in the billions of dollars annually. With expanding world-wide trade and transport (50% of the toys sold in the U.S come from China) natural barriers like oceans, deserts, and trade winds are no longer restricting the movement of damaging insects and diseases. The global economy has given pests the opportunity to establish populations where there is little genetic resistance within host trees and no native biological controls. Examples from the past are the Chestnut Blight, and Dutch Elm Disease. Each of these diseases has eliminated respective host species as a major component of the eastern forests! That estimate grew to seven million ash trees by the end of 2003, covering about 3,000 square miles, and affecting forests, street and ornamental trees.

Is EAB a devastating problem where it came from? This insect's home is Asia in countries like China, Korea, and Japan. There it is not a problem at all! Why so different? One possible explanation is that it arrived here without the natural enemies that control it in Asia. Another possible explanation is that Asian ashes have co-evolved with EAB over tens of thousands of years so only stressed ash trees are successfully

Emerald Ash Borer: The Next Chestnut Blight?

Emerald ash borer, Agrilus planipennis, is a beautiful metallic green beetle! Unfortunately, it's the latest exotic insect found in our country and it threatens our native ash trees. With every new exotic insect or disease discovered here the first question asked is, is this the next chestnut blight? Fortunately, many exotic insects and diseases arrive here and have little or no impacts in our forests. Diseases seem to be the most common exceptions with examples like chestnut blight, Dutch elm disease, butternut canker, and dogwood anthracnose. However, gypsy moth and two adelgid insects, balsam woolly adelgid and hemlock wooly adelgid, are exotic insects that have also changed our forests. So what about emerald ash borer (EAB)?

EAB was first discovered in July 2002 in Detroit, Michigan. Since ash trees have other well-known health problems like ash yellows disease and ash decline), it's likely that EAB had been in Detroit for years. By year's end, EAB was thought responsible for killing about five million ash trees! That estimate grew to seven million ash trees by the end of 2003, covering about 3,000 square miles, and affecting forests, street and ornamental trees.

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Quarterly Theme

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forest. Today, some of the exotic pests that threaten eastern species groups are Hemlock Woolly Adelgid, Asian Longhorned Beetle, Butternut Canker, and the Pine Shoot Beetle. Of particular interest to New England is the Hemlock Woolly Adelgid. This insect has decimated many hemlock stands in the mid-Atlantic states, moved north into Massachusetts forests, and has been found on some planted trees in urban areas of southern New Hampshire.

As a society, what can we do about this threat to the future health of our forests? Clearly, the first step is raising public awareness. An informed public can help support the reallocation of public resources to improve our knowledge of damaging pests, and participate in and support more monitoring and suppression activities. Some of the past invasive pests could have been identified and suppressed while the outbreak was small if the public had known what to look for and had an appropriate suppression system in place to do so. Additionally, society needs to take an active role in reducing the stress that we cause to the forest. For example, we could reduce the output of known air pollutants, do a better job enforcing quarantines on the world-wide movement of invasive plants and insects, increase demand for recycled wood products, voluntarily meet the strictest standards of forest management, and reduce urban sprawl to an absolute minimum. Only with knowledgeable citizens, dedicated professionals, valuable research, appropriate legislation, and thrifty consumers, will our forests continue to meet heavy environmental, social, and economic demands. - Kyle Lombard, Forest Health Specialist, New Hampshire Division of Forests and Lands

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attacked. We have a similar example right here with a closely related Agrilus species: bronze birch borer, Agrilus anxius and its host birch trees. Although bronze birch borer (BBB) can be found everywhere, healthy birches are rarely attacked and those few attacks are almost always unsuccessful. Healthy birches produce wound wood (callus tissue) faster than the BBB larvae can construct its tunnels and the larvae end up dead and encased in wound wood! When birches become stressed, however, their ability to encase larvae decreases, larvae survive, and enough successful attacks essentially girdle the tree. Stressed birches are vulnerable to BBB whereas healthy birches are not.

If the same is true for EAB, which would explain why EAB is not a problem in Asia, then how long will it take before our native ash trees develop the same kind of relationship? Will any ash trees survive long enough for this to happen? And, is there anything we can do to help speed up the process? Is EAB the next chestnut blight? Stay tuned because right now we don’t know! - Dennis Sauto, USDA Forest Service

Emerald Ash Borer Galleries

D-shaped exit hole

Deborah McCullough, MSU

Andrew J. Storer, MI Tech. Univ.
Anisota senatoria - Orange-striped oakworm: A forest insect driving homeowners to distraction.

Orange-striped oakworm is a member of a family known as royal moths. The adult is a relatively large, heavy moth with a soft look about it. The body is very hairy and characterized by rich colors of rose, light purple, yellow, and light brown. There is a white dot on the forewings. The caterpillars, which hatch mid to late August, are charcoal black with orange-yellow stripes that run length-wise.

During the last thirty years there had been no record of any significant outbreaks of Anisota senatoria (orange-striped oakworm) in Rhode Island. I say “significant outbreak” because there had been occasional reporting of this insect damaging small acreages of marginal oak and mixed hardwood stands during those years. As a late summer defoliator, the impacts to forest tree growth are nominal for the most part.

However, what did occur during the past thirty years in Rhode Island is the widespread development in rural areas that has created thousands of wooded residential home sites. Homes were built and occupied by unsuspecting residents who had never before considered the dynamics of insect populations.

It may have been previous drought conditions that weakened trees and somehow triggered the rise in population density of OSO. In any event, the late summers of 2001 and 2002 saw heavy defoliation from extremely high populations of this caterpillar in oak stands in central RI. About 10,000 acres were defoliated over the two years.

Homeowners found the moths to be a nuisance after dark in July and August because of their attraction to artificial light. The moth’s constant flying at, and bouncing off windows and doors at night left spots all over glass, siding, etc. Anyone who left their garage open with the light on at night in an area of high population could find hundreds, if not thousands, of moths by morning. As the moths died out the caterpillars hatched and started eating.

While initially concerned for their trees, property owners soon had other issues with the caterpillars. In large numbers, orange-striped oakworms are terribly messy around a home. The swimming pools were covered early and Labor Day gatherings were held indoors or not at all. A garden wedding was relocated and children could not play outdoors. Homes listed for sale were not shown, open house events were postponed, and a few homeowners, who had not previously planned to sell, put their homes on the market the following spring. It makes one wonder if there would have been fewer homes built in Rhode Island’s forests if orange-striped oakworm had enjoyed a bit more activity during the building boom.

By the end of 2002, a bacterial infection started to knock out the population. 2003 saw only remnant populations that, to a large degree, died out prior to pupation. As for impacts on the forest resource, there was little measurable damage to an overstory already in decline and some benefit as some late summer sunshine could reach an abundant white pine understory.—Catherine Sparks, Supervising Forester, RIDEM Division of Forest Environment.
Quarterly Theme

Status of Hemlock Woolly Adelgid

Want to know where we stand with Hemlock Woolly Adelgid (HWA) in New Hampshire? This exotic, hemlock killing insect first appeared on non-nursery trees in Portsmouth, NH in 2000. Since then it has popped up around southern New Hampshire. One new site was discovered in 2001, two more in 2002, and three additional areas were found in 2003. Last year Maine also discovered hemlock woolly adelgid in natural suburban hemlocks bordering NH. So far, this insect has not been found in the forests of Vermont.

These are only the sites that have been found—there could be other active infestations in the state yet to be discovered.

Since it was identified in Virginia in 1951, hemlock woolly adelgid has worked its way up the east coast. It is spread by birds, wind, squirrels, deer and humans. Hemlocks have little or no resistance to HWA and hemlock mortality has followed usually within four to 10 years. Hemlock comprises 4.6% of NH’s forest, about 211,000 acres. For comparison, NH has 263,000 acres of open water and 262,000 acres of developed land. (From NH Land Cover Assessment, 2002) Our hemlock forest is significant!

Hemlock woolly adelgid has been found naturally in two settings: the forest and suburban yards. Three methods have been used to combat the insect: pesticides, removal of infested tree and predator release. Pesticides and removal have been very effective at controlling the HWA. However, in some situations these methods can’t be employed. In these cases, predatory beetles have been released to eat the adelgid. The effectiveness of the beetles is difficult to determine. Once this very small beetle is released, it is hard to find. And because other influences, like weather, affect the HWA population, it is hard to directly link the beetle to fewer HWA. We know the beetle eats adelgid, but given our HWA population level, is that enough to save the trees?

Although control efforts have reduced and even eliminated HWA in most areas, HWA is still present. When checked last fall, HWA was not found at 7 of 8 sites. However, the original infestation site in Portsmouth still has HWA and more predatory beetles will be released there in the future.

Hemlock woolly adelgid treatments conducted by setting per year.

<table>
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T1 = Horticultural Oil
T2 = Merit Soil Injection
T3 = Cut/ Remove
T4 = Predatory Beetle

It is illegal to bring HWA into New Hampshire. Regulated commodities include hemlock nursery stock, hemlock logs and hemlock chips infested with HWA. All hemlock coming from infested states must be inspected to insure it is free of HWA before coming to mills or nurseries in NH.

Hemlock logs, chips and nursery stock from Rockingham County, NH, can not leave that county with out an inspection certificate.

Any questions or inspection requests should be directed to the NH Division of Forests and Lands, Forest Health Section @ 271-7858—Jennifer Bofinger, Forest Health Program Coordinator, New Hampshire Division of Forests and Lands.

Shop at the SAF Store!
DIVISION NEWS

MAINE Division— Marc Johnson

The MESAF Spring Meeting will be on Hardwood Silviculture, May 27 and 28, at the Bartlett Experimental Forest (BEF), in NH. An evening session on Thursday, with Sue Aygam highlighting the MESAF Poster Contest will be followed by a three-state panel discussion on Liquidation Harvesting with Alec Giffen of the Maine Forest Service, Phil Bryce, NH State Forester and tentatively, Steven Sinclair, VT State Forester. On Friday, Bill Leak, Chris Costello and Mariko Yamasaki will lead a field trip at the BEF. All are welcome, contact Laura Audibert, Division Manager, for details at la4568@gsiv.net or 207-834-6773.

The 2005 Winter NESAF Meeting, Changing Forest, Challenging Times will be in Portland, Maine on March 15–17, 2005. Ron Lemin, General Chair, welcomes any help from members, teiron@aol.com or 207-827-1002.

Susan Aygam graciously accepted the leadership of the MESAF Poster Contest. This year’s contest saw entries from 1500 students from 25 schools statewide. Susan looks to, and needs help, from all members to help make this program a continued success. Thanks go to Patty Cormier, past Poster Committee Chair, for her hard work, and thanks to all who helped assist with getting the program to the schools.

Abbott Ladd was honored with a story in the March/April 2004 Tree Farmer magazine, about his nomination of Clark and Rosemarie Granger for the Maine Tree Farmer of the Year. The Grangers went on to become the Northeast Regional Outstanding winner. The article highlights his Abbott’s long career (University of Maine, 1951) and his continued interest in forestry today. Barrie Brusila, was also included in the companion article about the Grangers, as their consulting forester.

Chip Bessey was on the cover of Habitat Journal of Maine Audubon, Winter 2003-04, for the cover story, “Volunteers Make 20 Years Count For Maine’s Loons.” Chip and his mother, Sue Bessey, were also the lead photo in the article about how volunteers “have helped sketch a valuable portrait of the state’s loon population...”

The Small Woodland Owners of Maine (SWOAM) passed an independent third-party audit of a pilot group certification project. SWOAM was audited to the new 2004 American Foundation’s Tree Farm Standards of Sustainability. The Plum Line, a private third-party auditing firm from New Hampshire performed the audit. SWOAM initiated the program for Maine landowners to provide third-party certification on a voluntary basis at a nominal cost. Over 18,000 acres were certified in the first group audit. Contact Mandy Farrar, Certification Administrator, at mandy@swoam.com or 207-626-0005 for more information—SWOAM News February 2004.

GRANITE STATE Division— Jonathan Nute

More than 150 attended the GSD/SAF annual meeting in February. Chair Ian Halm introduced state forester, Phil Bryce. He reported the completion of the conservation easement on the 171,000 acre CT Lakes Headwaters property, and the gift to the state of the 1,700 acre William Thomas forest in Hill. He was concerned about timber liquidation and subsequent land subdivision in the north of NH, as well as the loss of forest products manufacturing enterprises throughout the state and region. He urged us to use www.nhdfi.org to view quarterly reports and stay current with Division activities. Nory Parr reported there are 279 licensed foresters and in 2002-03, 201 classes were offered, providing 841 CEUs. PLT Director, Esther Cowle announced there will be “Walk in the woods” teacher training
on May 8 & 15 and a celebration on Oct. 22 for the 25 years PLT has been active in NH. Our help is needed to plant trees at 25 schools. Frank Hagen and Jon Serfass of the White Mtn. National Forest reported that 43 acres has been purchased for the new office. After no harvests in 1999 because of concern for the Indiana bat, 12 million bd. ft. of timber was sold in 2002, and 18 million ft. was sold in 2003, representing $3 million in sales on 3,800 acres. They expect another 18 million feet of sales in 2004 on 9 sites. The draft forest management plan and draft EIS are 75% complete, with the roadless inventory being finished. UNH Coop. Ext. Forest industry specialist Sarah Smith reported concerns because of high energy, insurance and log costs, but slim profit margin. A combination of these stresses has caused some mills to close. Hunter Carbee reported that the NH Timber Harvesting Council provided 41 workshops in 2003 that trained 150 loggers for certification. They are developing a booklet on road and trucking issues for distribution to town officials to avoid misunderstandings on the laws and regulations.

Jasen Stock and Charlie Niebling discussed legislative activity, changes in OHRV liability, report of cut filing and class VI road access. New sources of funding are being explored for LCHIP, which was gutted in the last session. NHTOA representative Ned Therrien urged continued support for the organization to watchdog legislative activities. Charles Barnett and Barbara O’Connell reported on the new Forest Inventory Analysis (FIA) data for NH, which is being collected annually on fewer plots, rather than every 5 years. See fia.fs.fed.us for information, as well as fs.fed.us/woodlandowners for the results of a national woodland owners survey. There are 867 million trees in NH, covering 83% of the land area.

The GSD honored Jon Nute, Hillsborough County Cooperative Extension forester with the Forester of the Year Award. Nute, a one-time logger and graduate of the Yale School of Forestry and Environmental Science has been promoting forestry and land stewardship in Hillsborough County for 17 years.

In other awards, Outstanding NH Tree Farm inspector for 2003, Charlie Moreno, did 45 in-
spections! FSA State Director Robb Thompson was recognized for his administrative support of the Forest Land Enhancement Program (FLEP). Outstanding student of the year awards went to Steve Eisenhower of the Thompson School and Jennifer Weiner of the 4 yr. school. They each received $500 checks and the Foresters’ Handbook from GSD/SAF.

At the business meeting, Ian Halm reported GSD membership of 208. After a surprising half hour of discussion, the written resolution in support of the NH forest nursery, was defeated with only 2 affirmative votes. Ultimately, the membership directed the Executive Committee to rewrite the resolution showing GSD support for the nursery. New officers are Bob Bradbury, chair; Don Quigley, vice-chair; Charlie Levesque and Kurt Olsen, policy; Kyle Lombard, Education; Janice Mulherin, secretary and J.B. Cullen, treasurer. NESAF executive committee representative is Pete Howland. Bob Bradbury accepted the gavel from Ian Halm and presented him with a pen and ink sketch by Inge Seaboyer as thanks for his year as chair. A final motion was passed for the Executive committee to draft a resolution in support of maintaining the fire towers, which are facing financial problems.

Dennis Thorell, Dept. of Revenue Administration forester, reviewed the timber tax reporting procedures and DF&L Ranger Brian Nowell reported on a stepped-up enforcement program, resulting in 106 enforcement actions on harvests in three months, 700 intent to cut orders and 700 calls for service. Linda Magoon of the DES Wetlands Bureau discussed proposed rules changes. See http://gencourt.state.nh.us/rules/index.html.

Jonathan Nute
GREEN MOUNTAIN Division—Ray Toolan

Legislative Breakfast
The GMD held a very successful legislative breakfast on February 4, 2004 at the Capitol Plaza Hotel in Montpelier. Despite the weather, we hosted twenty legislators, Lieutenant Governor Brian Duve, Commissioner Jonathan Wood and Vermont SFI coordinator Will Adams. Chair Rich Carbonetti gave a brief presentation of who we are, stressing that we are available to provide information on the science of our natural resources. Each legislator was given a spiral bound booklet which contains our mission statement, code of ethics and our position statements, as well as a packet of information on SFI. The Green Mountain Division was well represented so a lot of individual conversations took place over breakfast. GMD members were Rich Carbonetti, Bill Samal, Matt Leonard, Chris Casey, Peter Condaxis, Mark Twery, Dale Bergdahl, Steve Kimball, Paul Schaberg, Diana Frederic, Carl Newton and three UVM students.—Bill Samal

Green Mountain Forest Logging Plan OK
US District Court Judge J. Garvan Murtha dismissed as “arbitrary and capricious” a lawsuit brought by Forest Watch, Friends of the Earth and Forest Conservation Council, handling the Forest Service a victory in the Old Joe timber sale dispute on the Green Mountain Forest.

Forest Supervisor, Paul Brewster, said that Murtha’s decision had national implications because the judge had upheld the way national forest staff review and evaluate such logging versus wildlife debates.—Excerpted from Rutland Herald, March 23, 2004

Massachusetts—Robert Rizzo

The Massachusetts Chapter of SAF recently elected Charlie Thompson, chair; Rob Rizzo, vice chair; and Joel Dumont, secretary/treasurer.
The University of Massachusetts in Amherst is conducting a search for a new faculty position concentrating in Urban Forestry. They also anticipate opening a new search for a Forestry Extension Specialist. For more information on either of these positions, contact David B. Kittredge, Associate Professor/Extension Forester; dbk@forwild.umass.edu; 413 545-2943; 413 545-4358 fax <http://www.umass.edu/forwild/>

The Massachusetts Woodlands Cooperative is currently seeking applicants for the position of Director. The Director will be responsible for: (1) production and marketing of value-added forest products, (2) developing the Cooperative into a profitable business, and (3) leadership to members of the Massachusetts Woodlands Cooperative. Salary will be commensurate with experience and qualifications ranging up to $65,000 plus benefits. The deadline for applications is open-ended; See <http://www.masswoodlands.coop/> for additional information about the Cooperative, the position requirements, and how to apply.

Mount Wachusett Community College has been awarded $300,000 through a federal appropriation to continue development of biomass energy strategies for the northeast. Work is progressing on a 15kWe downdraft gasifier to provide the heating, cooling and electrical needs of a new 4500 square foot child care center on the Gardner campus. Also, the Massachusetts Wood in Transportation Program coordinated at Mount Wachusett Community College has been awarded $200,000 to help fund pedestrian infrastructure projects utilizing native forest products. Contact Rob Rizzo; rizzo@mwcc.mass.edu or 978-630-9137 for details on both programs.

On February 26, foresters from Massachusetts convened to discuss forestry issues in the state. State Forester Jim DiMiao and Dennis Souto
from the USDA Forest Service, led the discussion. The day consisted of an update on the code of ethics, a reminder of the regulations concerning forestry, and a discussion of how foresters are perceived and how we define ourselves. During registration attendees were asked to list critical issues in Massachusetts forestry. Charlie Thompson detailed the responses. The two most critical issues are forest fragmentation and parcelization and acrimony within the profession. Quite a few participants have expressed the need to improve working relationships among foresters. The group decided to re-convene to a date uncertain to further discuss these issues.

**Connecticut—David Beers**

The former Connecticut State Tree Nursery in Voluntown was leased by DEP to Natural Attractions Project, Inc., known as NAP, Inc., of Westbrook, CT. NAP, Inc. specializes in growing species native to southern New England for use in landscaping as alternatives to non-native species. NAP, Inc. plans to expand their product line to include tree seedlings for reforestation and Christmas tree plantations. Contact NAP, Inc. at (860) 376-2513, info@naturalattractionproject.com, or by mail at Natural Attraction Project, Inc., 190 Sheldon Road, Griswold, CT 06351.

**Rhode Island—Gregg Cassidy**

Dolan First David M. Smith Awardee

The Yankee Division of the Society of American Foresters bestowed their annual David M. Smith Outstanding Forester Award upon Paul C. Dolan of Scituate, Rhode Island at their Annual Meeting in February.

![Paul Dolan and Dave Smith](image)

Paul Dolan and Dave Smith

An SAF member since 1977, Paul, Urban and Community Forester with the RIDEM Division of Forest Environment (RIDFE), is recognized for his steadfast work to promote stewardship, education and advocacy for the region’s forest resources. He received his B.S. in Natural Resources from the Department of Natural Resources Science at the University of Rhode Island in 1975 and his M.S. in Forestry from the University of New Hampshire in 1977.

Forest Landowner Survey

As part of the update of the Rhode Island Forest Resource Plan a survey on issues affecting the State’s forests was conducted among forest landowners in 13 rural communities. Of 2600 landowners who owned more than ten acres, almost 500 surveys were completed and returned. Sixty percent of the respondents own 10 to 30 acres, 30 percent own 31 to 100 acres and 10 percent own more than 100 acres.

Preliminary results of the survey indicate:

Sixty-six percent of the respondents do not actively manage their forestland. The leading reasons why being:

- lack of information (30%)
- not enough profit (16%)
- not enough time (15%)
- opposed to forest management (6%)

The ways landowners get information on forest management is:

- Division of Forest Environment (27%)
- books (15%)
- neighbors/friends (11%)
- brochures/fact sheets (10%)
- Consultants (10%)

In regard to future plans:

- leave to heirs (41%)
• protect with conservation easement (15%)
• donate to Land Trust (6%)
• sell for development (6%)
• undecided (31%)

This information will be used to develop goals and policies to enhance forest resource management on a statewide scale. The RI chapter of SAF is well represented in this effort with members Hans Bergey, Gregg J. Cassidy, Tom Dupree, Bruce Payton, Chris Modissette and Marc Tremblay are on the Steering Committee overseeing this project.

Quebec—Kim Lowell

It's official – the Department of Geography at Université Laval is now part of the soon-to-be-renamed Faculty of Forestry and Geomatics. This change reflects the reality that the field of Geography is concerned with managing resources that are distributed over space just as the fields of Forestry and Geomatics are. It is expected that this change will provide an exciting synergy for members of all three departments, and the students enrolled in each.

More than 4000 people from over 140 different countries attended the Twelfth World Forestry Conference in Québec City in Autumn 2003. An informal survey identified participants from rural communities, owners of private woodlots, individuals employed in the forestry sector from harvesting to marketing finished products, native peoples, industry representatives, scientists, and educators. There was also a fairly wide range of ages represented. The conference drew some general conclusions. Among them were the following.

1) All societies depend on the forest and should accept some responsibility for biodiversity, conservation of water, soil, and clean air, economic and non-economic forest products, and cultural values.

2) To resolve conflicts between different forest users, sustainable development is to be encouraged.

3) The rate of deforestation and forest degradation continues to be alarming.

In response to international demand for environmentally certified products, the Québec Ministry of Natural Resources is providing support to the forest industry. Currently, a number of Québec companies are poised to obtain Forest Certification and by 2006 it is expected that 12.2 million ha of forest will be certified by the Canadian Standards Association, 7.1 million ha by the Forest Stewardship Council, and 3.2 million ha by the Sustainable Forestry Initiative. For more information, see www.sfms.com/welcomef.htm (which also explains that standard for ISO 14001).

Woodscaping

As of part of an effort to promote sustainable forest management on small acerages the Southern New England Forest Consortium and the URI developed a series of fact sheets to educate landowners about forest resource issues. These publications can be downloaded at: http://www.uri.edu/ce/ WG/ has.html/ has woodscaping.html. Chris Modisette is coordinating this effort. Several other SAF members including Several RI SAF members, including Tom Abbott, Gregg J. Cassidy, and Marc Tremblay serve on the project steering committee.
NE SAF AFFAIRS

From the Chair—Tom O’Shea

During the NE SAF Winter Meeting there was vigorous debate about role of NESAF in policy matters. While this discussion is hardly new, we still need to find a formula that is effective and efficient, and meets the needs of our members, the latter being the most challenging as it assumes that we can all agree on our expectations. We know that our members lie across a spectrum of opinions ranging from having NESAF serve in a more passive science and technology advisory capacity to pro-actively engaging in policy at the state or federal legislative level with the support of a paid policy position. While the opinions are diverse and passionately defended, it is clear that many members believe that New England SAF should be more involved in policy matters within New England at some level and that this level will vary depending on the state.

Over the next year the NESAF Executive Committee will work with the Divisions and Chapters to understand their policy needs and compare that with the resources and constraints of a volunteer organization to build a system that can deliver accomplishments. Here is a flavor of thoughts regarding NESAF policy that were expressed at the Meeting:

1. provide science and technology information
2. build position statements that members can use in policy and public relations
3. participate in legislative process
4. build partnerships with other organizations
5. respond to policy issue crises
6. facilitate consensus and direction among foresters on policy issues
7. respond to policy issue or public relations crises
8. promote positive public image of the

We have a lot to work on over the next few months to go beyond just talking about policy and actually building a policy approach that we find valuable and effective as professionals and members. I look forward to your ideas and participation in this process. Enjoy the spring season!!

Councilor’s Report—Leo Laferriere

Some points and thoughts from the February Council meeting:

President Bueter initiated an SAF asset evaluation study, to compile data regarding real estate, buildings and other structures, office equipment and furniture, and all funds and other financial assets. The purpose of the study is to identify all SAF assets with the objective of determining how best to utilize those assets to benefit the membership.

With the theme of “Building the Future of Forestry,” the 2004 Leadership Academy will take place from May 22-25 at the Lied Conference Center in Nebraska City, NE. Excellent reports have been received from prior attendees. This is a very worthwhile investment in your professional self and for your employer. Check SAF’s website at http://www.safnet.org/meetings/othermeetings.cfm.

Membership levels are the subject of regular discussion. SAF offers a wide variety of programs to members. At meetings, participants consistently rate networking with other professionals as the number one benefit of that event. This high ranking reflects the quality of programs and the valued expertise of practitioners in our field. We all can grow professionally, and when we do we capitalize on our personal capacities, that ability within each of us to learn, apply and contribute. Personal very singular satisfaction and respect can be experienced when we realize we have that capacity and that we have employed it well. We all know good professionals - bring some to SAF. We all benefit from shared - and realized - values.

We talked about changes in the field of forestry - specialization, the industry land base, public policy regarding proactive and passive land management. We touched on strategic alliances - cooperative ventures with colleagues in the field of natural resource management. For example, the Oregon Council member re-

(Continued on page 17)
Executive Committee Notes

The issue of greatest moment in the Executive Committee has been that of a policy direct and his or her role. Tom O'Shea has made this discussion the focus of his "From the Chair" column on the preceding page.

Other action of interest is reflected in the budget for this year and 2005. At the business meeting in Quebec, members approved an increase in travel funds to send the Chair and Chair-elect to the convention. Also included is tuition for one officer from each division/chapter to attend the SAF Leadership Academy, should they choose to attend.

There was a $500 increase in the News Quarterly budget to fund the expanded, 20-page format required for the quarterly theme.

The website, which is currently under major reconstruction, has been "locked" until it is a reliable source of information and contact point. It had become inactive, inaccurate, and more embarrassing than positive to our image. The contract for the structural re-design is about completed. The News Quarterly will be tested for posting.

Wanted—Website Contributions!

If you have documents or pictures that should be posted on nesaf.org please contact Lindsey Santianello, at 603.224.3306 or space@conknet.com

Opportunities to Plant American Chestnut Trees, 2004

The Maine Chapter of The American Chestnut Foundation (ME-TACF) has American chestnut seedlings available. This is an opportunity to participate with us in our goals of genetic preservation, publicity, research, and breeding for blight resistance in the American Chestnut. All of our seedlings are grown from seeds collected from native-Maine American chestnut trees, so they are not blight-resistant. But in many Maine locations, chestnut trees continue to grow and produce nuts, apparently escaping blight because of their isolation. All profits from seedling sales go towards our on-going breeding program which, in about 14 years (2018), should allow us to begin producing and planting fully-blight-resistant, Maine-adapted American chestnut seedlings.

For Spring Planting, 2-year bare-root seedlings are available from FEDCO Trees (http://www.fedcoseeds.com/trees.htm), from several Maine County Soil & Water Conservation Districts and directly from ME-TACF. Orders were due in March, but trees will be available from FEDCO at their sale to the general public on May 7 & 8 or directly from ME-TACF until mid- to late-May by contacting Carl Haag at (207) 873-5841 or lirix@adelphia.net. Androscoggin Valley SWCD, Lewiston 753-9400 ext. 400, will have American chestnut seedlings available for sale at a workshop on landscape plantings to be held on May 15 in the Auburn area.

For more information about American chestnuts and the Foundation's breeding program, visit the TACF website at www.acf.org.

(Continued from page 16)
CFE Update

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<td>Beech Bark Disease Symposium, Hotel Saranac, Saranac Lake, NY 6/16-18/04</td>
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Northam D. Parr,
UNH Cooperative Extension
3785 Dartmouth College Highway, Box 8
North Haverhill, NH 03774-6936
Tel: 603-787-6944 Fax: 603-787-2009
grafton@ceunh.unh.edu

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NE SAF Membership Trend

New England Society of American Foresters Membership Summary

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National SAF

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IN MEMORIAM

C. Ingersoll (Inky) Arnold, 88, died January 6 after a short illness. He was born in Woodbridge, CT, attended Morristown Beard School in NJ and graduated from Bowdoin College in 1939. He earned his MF from Yale in 1942.

Inky served as an artillery lieutenant from 1944-46 in the Army and was awarded several medals and a Purple Heart. He played hockey for the Army and won the European ice hockey championship against Germany in 1946.

After a stint operating the Russ Forest in Decatur, MI, he moved to NH in 1959 and operated the NH State Forest Nursery until his retirement in 1982.

Arnold founded the Concord Youth Hockey program in 1960 and coached until 1985. He played in various leagues until his early 70s and refereed games until his early 80s.

**Honor Your Colleagues—Leo Laferriere, District VI Councilor**

2004 Presidential Field Forester Award

One member from each of the 11 SAF districts will be selected by President Beuter to receive this award. Nominating materials are: 1) biographical sketch, 2) photo, and 3) letter supporting the nomination. Mail these three items to: Leo Laferriere, District VI Council Representative, 249 East Road, Waitsfield, VT, 05673, by May 31st.

Selection criteria:

- SAF member, any employment sector
- 15 years practicing forestry (maybe 10)
- Major portion of career and recognized by peers for excellence in field application
- Understands the forest and uses science and adaptive management to achieve landowner objectives and sustainability
- Management intensity may range from very intensive to extensive applications

Awards will be announced at the 2004 annual convention in Alberta, Canada. Although SAF cannot provide support to attend, each recipient is encouraged to do so.

Verland (Swede) Ohlson, 86, died December 7. Ohlson was a graduate of the New York State Ranger School at Wanakena and the University of Montana—Missoula. He had a 34-year career with the USDA Forest Service and worked in several areas around the country, including Montana, Idaho, Pennsylvania, Virginia and Maine. In 1957 he became the Saco District Ranger, as position he held for 23 years until his retirement in 1980. Ohlson joined SAF in 1950.