



NEWS QUARTERLY



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Austin Wilkins—75 Year Member

Maine Division recognized 75-year SAF member Austin Wilkins' dedication to the forestry profession, by commemorating their October 11 meeting to him. He was unable to attend but NESAF and MESAF collaborated to award him a special pin to suitably honor his continuous membership.

Born 1903 in Somerville, Massachusetts; Austin came to Maine to study Forestry in 1922 and Maine became home. He has given a lifetime and full career to the stewardship of Maine forests and is considered one of the pioneers in the development of the Maine Forestry District.



Dept. of Conservation, Maine Forest Service

Austin Wilkins with Max McCormack on the occasion of the inaugural presentation of the Austin H. Wilkins Forest Stewardship Award in 2004.

He graduated from the University of Maine in 1926, earned a Masters Degree at Cornell University and studied briefly under Carl Schenck in Germany. After seeing Lindberg land in Paris that summer, Austin returned to Maine to join the Maine Forest Service in 1928. He was appointed Commissioner of Forestry by Governor Edmund Muskie in 1958 and served in that position until 1972. He had been previously appointed Deputy Commissioner by Albert D. Nutting and served in that role for over 10 years. Austin is especially proud to have served 13 Governors of both political parties. He was a leader in the victory over the great forest fires of 1947 and was instrumental in the development of the Northeastern Forest Fire Protection Commission, of which he was Chairman in 1969. He was a close friend of former Governor Percival Baxter and assisted Baxter in the creation of Baxter State Park. He was Chairman of the Baxter State Park Authority from 1959 until 1972. Baxter would call Austin and say, "Austin, let's go to the people's mountain."

He was responsible for many publications through his years of active service. Two major historical documentary books resulted from his writing. The first in 1978, *Ten Million Acres of Timber*, comprehensively documents the history of the Maine Forestry District. The second, published in 1958 *In the Public Interest, The Civilian Conservation Corps in Maine, A Pictorial History*.

His quiet and thorough approach and his eloquent speaking endeared him to the employees of the Maine Forest Service and gained strong respect from the forest managers in the Maine woods.

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Members Serving You In 2005

EXECUTIVE COMMITTEE OFFICERS

Chair: Ken Laustsen Maine Forest Service 22 State House Station Augusta, ME 04462 (O) 207-287-3135 ken.laustsen@maine.gov
Vice-Chair: George Frame 65 Beech St, Bristol, NH 03222 (O) 603-224-9945 gframe@forestsociety.org
Immediate Past Chair: Thomas O'Shea Mass Fish & Wildlife 195 Bournedale Rd. Buzzards Bay, MA 02532 (O) 508-759-3406 Tom.O'Shea@state.ma.us
Secretary: Raymond J. Toolan VT Dept. of Forests, Parks and Rec, 29 Sunset Dr. Morrisville, VT 05661 (O) 802-888-5733 ray.toolan@anr.state.vt.us
Treasurer: Lawrence M. Rousseau CT DEP, 480 Oxbow Dr, Torrington, CT 06790 (H)860-482-1969 (O) 860-485-0226 lawrence.rousseau@po.state.ct.us

EXECUTIVE COMMITTEE REPRESENTATIVES

Canada: Joakin S. Hermelin 430 Lisger St. Fredericton, NB E3B 3B2, CANADA (H)506-454-2782 (FAX) 506-455-7852 hermelin@nbnet.nb.ca
CT: Thomas J. Degnan, Jr., 22 Caulkins Rd, Old Lyme, CT 06371-1668, W (860) 434-3497, tdegnan1@netzero.net
ME: Ronald C. Lemin Jr. UAP Timberland, 24 Commercial Parkway Old Town, ME 04468 (O) 207-827-1002 (Cell) 207-944-6160 teiron@aol.com
MA: Anne Marie Kittredge, 196 Montague Rd. Shutesbury, MA 01072 413-259-1756 annemarie.kittredge@state.ma.us
NH: J. Peter Howland, PO Box 2291, North Conway, NH 03818-2291, (H) 603-447-5617, howlands3@verizon.com
RI: Paul Dolan, 120 Nipmuc Rd., Foster, RI 02825, W (401) 647-3367, pcdolana@cox.net
VT: Edward O'Leary, One Aker Farm, 1808 S Albany Rd, Craftsbury Common, VT 05827, (O) 802-241-3683 (F) 802-244-1481 ed.oleary@anr.state.vt.us
Forest Science: Laura Kenefic, USDA Forest Service, 686 Government Rd, Bradly, ME 04411, (O) 207-581-2794 lkenefic@fs.fed.us
Policy: J. Peter Howland, PO Box 2291, North Conway, NH 03818-2291, (H) 603-447-5617, howlands3@verizon.com
Membership: Ronald C. Lemin Jr. UAP Timberland, 24 Commercial Parkway Old Town, ME 04468 (O) 207-827-1002 (Cell) 207-944-6160 teiron@aol.com
News Quarterly: Brad Wyman 53 Wyman Road West Dummer, NH 03588 (H) 603-449-6794 (FAX) 603-449-3312 abwyman@ncia.net

DIVISION/CHAPTER OFFICERS

Granite State

Chair: Don Quigley, 75 Turtle Pond Rd., Lee, NH 03824, W (603) 862-1103, DWQ@hopper.unh.edu
Vice-Chair: David Pilla, PO Box 298 Wilnot, NH 03287, 603-526-4708 david_pilla@proctornet.com
Secretary: Janice Mulherin 2494 Buffalo Rd. Rumney, NH 03266 (H) 603-786-9848 (O) 603-536-1310 mulherin@adelphia.net
Treasurer: J.B. Cullen Div. Forests and Lands PO Box 1856 Concord, NH 03302 (O) 603-271-3457 (H) 603-269-5740 jbcullen@dred.state.nh.us
News Corres: Jonathan Nute UNH Cooperative Extension, Room 101, 329 Mast Road, Goffstown, NH 03045 (O) 603-641-6060 (H) 603-783-9684

Green Mountain

Chair: William Samal Jr 6310 VT Route 109 Belvidere, VT 05442 (O) 802-865-7488 samalb@sover.net
Vice-Chair: Justin Malzac, 777 Pond Rd, N Ferrisburg, VT 05473 (O) 802-453-3606, bigharleyfan@peoplepc.com
Secretary: Matt Bienkowski, 2232 McConnell Rd, Brandon, VT 05733-8718, (O) 802-767-4261, (H) 802-247-4777 mbienkowski@fs.fed.us
Treasurer: David Stevens 1402 Randolph Road Morrisville, VT 05661 (O) 802-888-4374 psteach6@together.net
News Corres: Raymond J Toolan VT FP&R, 29 Sunset Dr. Morrisville, VT 05661-8331 (O) 802-888-5733 ray.toolan@anr.state.vt.us

Maine

Chair: Bob Wagner, University of Maine, 5755 Nutting Hall, Orono, ME, (O)207 581-2903 (H)207 866-2711 bob_wagner@umenfa.maine.edu
Vice Chair: Robert S Seymour, 211 Nutting Hall, University of Maine, Orono, ME 04469, (O) 207-581-2860 (F) 207-581-4257 seymour@umenfa.maine.edu
Sec/Treas: William H. Livingston 5755 Nutting Hall, Orono, ME 04469-5755 (O) 207-581-2990 (H) 207-827-4500 william_livingston@umenfa.maine.edu
News Corres: Marc Johnson PO Box 587 South China, ME 04538 (O) 207-445-3954 winterberry@pivot.net
Div. Manager: Laura Audibert, 11 Leopold St. Fort Kent, ME 04743 (O) 207-834-6773 (Cell) 207-436-0438 la4568@sjv.net

Yankee

Chair: J.P. Barsky, CT Agricultural Experiment Station, 123 Huntington Street, New Haven, CT 06511, (O) 203-974-8540, joseph.barsky@po.state.ct.us
Vice-Chair: Jerry Milne, CT-DEP Forestry, P.O. Box 161, Pleasant Valley, CT 06063, (O) 860-379-7085, gerard.milne@po.state.ct.us
Sec/Treas: Tom Worthley Haddam Coop Ext, 1066 Saybrook Road, Box 70, Haddam, CT 06438-0070, (O) 860-345-4511, tworthley@canr1.cag.uconn.edu

Rhode Island

Chair: Catherine Sparks, 48 E. Killingly Rd, Foster, RI 02825 (O) 401-647-3367 csparks@dem.state.ri.us
Vice-Chair: Name: Thomas Abbott, 1037 Hartford Pike, North Scituate, RI 02857, (O) 401-539-2356 tabbott@dem.state.ri.us
Sec/Treas: Rob MacMillan 66 Pinecrest Dr, N Kingstown, RI 02852 (H) 401-295-7305 (O) 401-521-6300 ext 7318 rmacmillan@provwater.com
News Corres: Gregg Cassidy, 420 East Avenue, Harrisville, RI 02830 (H) 401-568-3247 gassidy@dem.state.ri.us

Connecticut

Chair: Tim Hawley, 90 Sargent Drive, New Haven, CT 06511, 203 401-2731 thawley@rwater.com
Vice-Chair: William Bentley, PO Box 149, North Granby, CT 06060-0149 (O)(806) 844-0008 (F) (860) 653-3768 billbentley@cox.net
Sec/Treas: Christopher Fox, 49 Warren St #B, New Haven, CT 06511-5765 (O)(203) 245-7436 cjfox75@hotmail.com
News Corres: William Bentley, PO Box 149, North Granby, CT 06060-0149 (O)(806) 844-0008 (F) (860) 653-3768 billbentley@cox.net

Massachusetts

Chair: Charles Thompson, 7 Old Pratt Corner Rd, Pelham, MA 01002(O) (413) 256-8033 cthompson717@comcast.net
Vice-Chair: Rob Rizzo, Mount Wachusett Community College, 444 Green Street, Gardner, MA 01440 (O)978-630-9137 rizzo@mwcc.mass.edu
Sec/Treas.: Joel Dumont PO Box 105 S. Deerfield, MA 01373 (O) 413-665-8400 jed@crocker.com
News Corres: Anne Marie Kittredge, 196 Montague Rd. Shutesbury, MA 01072 413-259-1756 annemarie.kittredge@state.ma.us

Canada

News Corres. N. Brunswick : Edwin Swift, Atlantic Forestry Centre, Fredericton, N.B. E3B 5P7, (O)506-452-3175, (F)506-452-3525, eswift@NRCan.gc.ca
News Corres. Quebec: Vacant

Council Delegate

Leo C. Laferriere, 249 East Road, Waitsfield, VT 05673, 802 496-2515, leol@gmavt.net

Administrative Assistant

Lindsey Santaniello 54 Portsmouth St. Concord, NH 03301 (O) 603-224-3306 (FAX) 603-228-0423 space@conknet.com

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Wilkins (Continued from page 1)

Austin Wilkins stands with the forestry greats of Maine-- Austin Cary, John Maines, Dwight Demerit, Samuel Dana, Albert Nutting and John Sinclair. He has received recognition for superior service and awards from the State of Maine, the Maine forest industry, numerous professional organizations and the University of Maine. He was elected a Fellow of the Society of American Foresters in 1979 and was President of the National Association of State Foresters in 1965.

Austin was the first recipient of the Albert D. Nutting award from the Maine Forest Products Council. He received the Black Bear Award from the Alumni Association of the University of Maine in 1986 and is a Charter Member of the Pine Tree State Arboretum in Augusta. In 2002 he received the Honorary Degree, Doctor of Humane Letters from the University of Maine at Augusta.

The **Austin Wilkins Forest Stewardship Award** is sponsored by the Maine Department of Conservation and the Maine Tree Foundation, to recognize the person or organization that stands above peers to further forestry, forests, or forestland stewardship and conservation in the state of Maine. The inaugural award was presented to Austin on June 8, 2004. At the ceremony, former Department of Conservation Commissioner, Ron Lovaglio, paraphrased Gifford Pinchot, and said "Wilkins has written his name with both his axe and his pen... on the land... and in the minds of generations of foresters."

He is the oldest living member of the Society of American Foresters and in 2005 is celebrating his 75th year of membership. (Profile by Ron Lovaglio, 2004)

(As we were going to press we learned that

Just a Word - To NESAF Foresters:

Last summer, while visiting the Tongass National Forest, I was introduced to a friend's friend as a "forester" My new acquaintance replied, "That's too bad. I'm an environmentalist". Another reason to appreciate being a forester in New England. You can go ahead and call yourself an "environmentalist", if you want. It's okay to be both.

I don't need to go so far from home to be reminded of other reasons. Autumn days that take the work out of "work". A remote stand of day-lilies marking an old homesite. The near-miracle that a horntail wasp can lay eggs through the hard bark of dying maples.

Sometimes, it's nice to think we help make a little piece of the world a little bit better for a little bit longer. Fill in the blank with your contribution. Forestland that will be healthy long after you've retired? A parcel that pays for itself so it won't need to be paved? A policy carried out with common sense? A useful map? A useful answer discovered and shared?

To be honest, I didn't choose forestry because it was noble. Didn't we all just want to work in the woods? But an unexpected bonus has been you folks, my co-workers and colleagues. Love that curiosity, the dirt-caked practicality, and the dose of make-the-woods-better-for-tomorrow idealism. Plus, you're fun to work with. As a profession, as a group, and as individuals, you've more than earned my admiration. So I am both honored and humbled that you've called me a fellow. I really do just want to say one thing. Thanks.

- Barbara Burns

Austin Wilkins passed away on October 3. A full obituary will appear in the January issue.—Ed.)



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

USDA Forest Service—Helen Thompson

New Publication on Diameter-Limit Cutting

Though research on diameter-limit cutting is limited, more and more experiments are being conducted and their results published. Laura Kenefic (Research Forester, USDA Forest Service, Northeastern Research Station) and Ralph Nyland (Distinguished Service Professor of Silviculture, SUNY College of Environmental Science and Forestry) have compiled existing research data into a guidebook for on-the-ground application. Their efforts will put research results into the hands of those who need it most. *Diameter-Limit Cutting and Silviculture in Northeastern Forests: A Primer for Landowners, Practitioners, and Policymakers* highlights not only the perils of diameter-limit cutting, but offers recommendations for sustainably managing even-aged, uneven-aged, and two-aged stands.

Research consistently concludes that although diameter-limit cutting produces higher timber income in early harvests, it degrades the overall quality of a stand, resulting in sharply declining income in later harvests. Silvicultural methods, on the other hand, provide more consistent, sustained income while enhancing a stand's health, vigor, and regeneration.

Managing stands for long-term sustainability, however, requires education, care, patience, and, possibly, financial investment. But the outcome is well worth the effort—healthy, diverse, and economically productive forests that will be a legacy for future generations.

The USDA Forest Service Northeastern Area is publishing *Diameter-Limit Cutting and Silviculture in Northeastern Forests* to promote the management of forests for long-term sustainability across the 20-State region it serves. The publication will soon be available on the agency's Web site at www.na.fs.fed.us. Limited hard



Silviculturists Dr. Ralph Nyland [right, SUNY-ESF] and Dr. Matt Kelty [left, UMass-Amherst] address questions on stand rehabilitation following diameter limit cutting.

Diameter-Limit conference—Dave Kittredge

Approximately 160 practicing foresters from 12 different northeastern states attended a conference on Diameter-limit Cutting in Northeastern Forests, at the University of Massachusetts-Amherst on May 23. The conference was sponsored by, Yankee Division SAF, UMass-Amherst, SUNY-ESF, and the USDA Forest Service. Foresters heard from 8 different speakers on topics ranging from the history of the practice, extent and nature of impacts, research into stand response and rehabilitation, genetic and economic implications, and the ethical dilemmas posed by this form of harvesting. Collectively, foresters in the audience were responsible for management on over 1.8 million acres. Workshop evaluations indicated substantial increase in understanding the implications of diameter limit cutting. More than half

of the conference participants reported that they will use information acquired to rehabilitate stands subjected to diameter limit cutting, and over 40% reported that they would reflect on the ethical dilemmas presented by the practice. A proceedings with the eight

presented papers and abstracts of posters will be published by the USDA Forest Service NE Research lab. All conference attendees will be mailed a copy, and people unable to attend the conference may request a copy of the Proceedings by contacting the USDA Forest Service Northeastern Research Station at ne_pubs@fs.fed.us. A summary of the conference, as well as the PowerPoint presentations can be found at <http://forest.fnr.umass.edu/diameterlimit/>.

copies may be obtained by contacting Helen Thompson at 603-868-7701 or hthompson@fs.fed.us.

NESAF Award Nominations Due

The NESAF Award Committee is once again reviewing applications for 6 annual awards. Pleeeeeeeeeeeeeeeeeeease take some time to think about the accomplishments of your various colleagues; team up with a co-worker to share the background preparations and nominate one or more worthy professionals for an award this year!!!

One SAF state society has set a goal of submitting one name for each of the 6 categories! What a great challenge. Let's all follow that example.

If you think that it would help to review the list of previous award recipients, please contact me and I will e-mail, FAX or mail a list to you. If you are unclear about any of the nomination procedures, please contact me or your state representative whose names are listed inside this NQ cover.

NESAF cannot do this without your ideas. Please review the nomination form included on page 15 and submit your nomination(s) this week. Thank you in advance.

Anne Marie Kittredge, Award Chair
196 Montague Road
Shutesbury MA 01072
413-259-1756
annemarie.kittredge@state.ma.us

Help Wanted - History Project

In 1965, the Forest History Committee of what was then the New England Section compiled and published a record of officers, meeting topics, membership data, bylaw changes, Fellows, and sundry other items, covering the period from 1920 to 1965.

In 1970, to mark the 50th anniversary, New England Section published "A Half Century of Forestry", a collection of seven essays, one for each state and one for the Eastern Canadian Provinces, highlighting key milestones, issues and people in the development of forestry in the region.

To mark the centennial of SAF (belatedly), the NESAF Executive Committee has voted to support publication of an updated version of this material. The contemporary version will combine the two types of information in the earlier publications, with both essays and an appendix of historical NESAF data.

We need at least one volunteer from each state and one from the Maritimes to assist with compilation of material, shepherding the project and recruiting the "right" writer. If you are interested or would like to learn more, please contact Charlie Thompson at 413-256-8033 or cthompson717@comcast.net. The target publication date is December 2006.

NESAF 2006 Poster Session

Second call for educational posters to be exhibited at the annual New England Society of American Foresters meeting to be held at Nashua New Hampshire. The NESAF 2006 theme is " Race for the Resources. Research, on - going studies and information should address the theme and acquaint attendees with up - to - date knowledge of what will affect them .

A basic abstract is due January 6 , 2006 . The final abstract is due February 24 , 2006 . The abstract will be included in the meeting bookletand proceedings. Poster size is 4' x 4' on 3 - legged easels . Set up will be on Tuesday, April 3 , 2006 .

Certificates will be awarded to the three top posters judged by attendee ballot. There will also be a raffle for those filling out ballots . Contact :

Mervin Stevens
PO Box 220
Walpole , NH 03608
Tel ; 603 - 756 - 3534
mervin.stevens@verizon.net

NEW ENGLAND FOREST RESERVES

A Forest Reserve System for Massachusetts—*John Scanlon, Forest Project Leader, Massachusetts Division of Fisheries and Wildlife*

State-owned forestlands in Massachusetts within the Executive Office of Environmental Affairs (EOEA) received FSC certification as sustainably managed forests in May of 2004 and are now engaged in planning to meet conditions of certification. Planning involves identifying sites on state-owned lands for commercial harvesting, and for establishing large forest reserves. A primary goal for these reserves is to establish ecological reference conditions for the diversity of forest ecosystems found in Massachusetts. Objectives for large forest reserves include:

- To the greatest degree possible, allow natural disturbance processes to determine the structure and composition of the forest ecosystem.
- Facilitate biological monitoring to establish baseline data on the species and communities that occupy forest ecosystems reserved from commercial harvesting.

Reserves allow forest managers to assess the ecological sustainability of harvested sites. Reserves can function as “control” areas for comparison with “treatments” applied to harvested sites. Other benefits of reserves include recreational and aesthetic opportunities in biologically mature forests that will develop over time.

While no forestland in Massachusetts is free of human impact from ubiquitous influences such as air pollution and invasive, exotic organisms, forest reserves can help ensure that representative examples of biodiversity are more likely to be conserved, and are essential for practicing adaptive resource management. Reserves create opportunities for connectivity within the landscape, conservation of species and processes, buffering against future uncertainty, and other valuable functions.

EOEA began the process of identifying potential large reserve sites by evaluating 22 relatively un-fragmented forest areas in Massachu-

setts that had previously been identified by The Nature Conservancy (TNC), then ranked potential reserve sites based on various ecological attributes such as presence of old growth forest, degree of fragmentation, and habitat variability (occurrence of riparian, wetland, and valley bottom forest, and of rare species associated with extensive, mature forest). EOEA has proposed eight reserve sites that represent a diversity of forest ecosystems, and expects that large reserves will ultimately comprise about 10% of state-owned forestlands. An additional 10% of state-owned forestlands may be designated as small, “patch” reserves of tens or hundreds of acres to conserve sensitive sites and/or unique areas.

Given that a primary goal for large reserves is to understand how natural disturbance processes shape forest ecosystems, it seems appropriate to have some reserves that are equal or greater in size than the largest expected natural disturbance patch. Natural disturbances are common in southern New England forests, and range from frequent, small disturbances (e.g., annual wind events that disrupt <1 acre of forest canopy) to occasional, catastrophic disturbances (e.g. major windstorms that disrupt as much as 5,000 contiguous acres of forest canopy once every few centuries). TNC has conducted extensive research on reserve design, and has proposed that some reserves of ≥15,000 acres be established to insure that a portion of the reserve will occur as biologically mature forest at all times, while other portions will be recovering from recent disturbances. In Massachusetts, the establishment of large reserves will require voluntary public-private partnerships.

EOEA is conducting public meetings to review proposals for reserves, and for sustainable harvesting on state-owned forestlands. Information on management planning and public meetings is available at: www.mass.gov/envir/forest. The discussion and designation of forest reserves represents one component of the forest management planning process for state-

(Continued on page 8)

Quarterly Theme

Ecological Reserves in Maine—*Andy Cutko, Ecologist, Maine Natural Areas Program, Department of Conservation*

In 2000 the Maine Legislature established ~70,000 acres of Ecological Reserves on lands managed by the Department of Conservation, culminating over a decade's worth of research and planning. Much of the inventory, mapping, and planning efforts for the Reserve system were undertaken by the Maine Forest Biodiversity Project, a collaborative initiative of landowners, public agencies, and conservation groups active in the 1990s.

Reserves were established for the dual purposes of protecting biodiversity and serving as benchmarks for comparison with the state's vast managed forests. Since 2000, three new Ecological Reserves have been added to the system, bringing the total acreage to over 80,000 acres divided among 16 parcels throughout the state. The Ecological Reserves include many of Maine's best examples of alpine meadows, lakes and streams, and old growth forests. More recently, several parcels owned by the Maine Department of Inland Fisheries and Wildlife have been designated as Reserves. Together with Baxter State Park, Acadia National Park, parts of White Mountain National Forest, the Appalachian Trail, and lands managed by The Nature Conservancy (TNC), the acreage of "reserved" lands in Maine (i.e., acres restricted from timber harvesting) totals over 600,000, or roughly 3% of the state.

Beginning in 2002, the Department of Conservation has worked with a multi-disciplinary committee to draft an Ecological Reserve Monitoring Plan that guides periodic data collection at the landscape, stand, and species levels. The monitoring program ties closely to other statewide and nationwide forest monitoring programs that use U.S. Forest Service Forest In-

ventory and Analysis (FIA) methods.

To date nine of the sixteen state Reserves have undergone baseline monitoring. Natural communities have been mapped, over 300 permanent plots have been established, and many rare species have been identified or verified. Information collected on the Reserves is assessed to suggest how forest structure and processes differ between forests managed for timber harvest and forests managed for natural processes. Initial data analysis in 2003 indicated that Ecological Reserves appear to have higher basal areas, more large trees (live and dead) and more coarse woody debris than the "average acre" of Maine woods according to



Data collection in Maine's Forest Reserves

Andy Cutko

Maine Forest Service FIA data.

Analysis with the updated dataset (2004) shows higher variability among Reserves. For example, Gero Island exhibits characteristics of old, structurally complex forests, while Cutler forests indicate heavy past influence of fire, budworm damage, and harvesting, and Mt. Abraham plots reflect the high elevation conditions dominant on that Reserve. Data such as these, coupled with information on well-studied old growth areas like Big Reed Forest, will continue to provide a better picture of how forests managed for natural process compare with forests managed for timber harvest.

The monitoring methodology used for this project has recently been adopted for use on Maine lands owned by the Appalachian Mountain Club and TNC. This application will enable broader comparisons among reserved lands across the state and provide a more robust dataset for analytical purposes. Funding for this project has been provided by the Maine Outdoor Heritage Fund, Bureau of Parks and Lands, TNC, and the Sweetwater Trust.

Quarterly Theme

Increasing the Diversity of Connecticut Forests - *David Sutherland, The Nature Conservancy*

In the past few years, The Nature Conservancy's Connecticut Chapter has been working with the forestry community much more frequently, as we have expanded the scope of our work in larger forested landscapes. Our mission is to preserve the broadest diversity possible of plant and animal species, and natural communities.

Most Connecticut foresters are well aware of the history of our forests. Since pre-colonial times, Connecticut's land has hosted denser human populations than most parts of temperate North America. Even as this population increased in the 20th century, our forest cover, and the number of species it supports, also grew as areas previously cleared for farming or charcoal production were abandoned.

In the past decade, as our forest cover declined as a result of building construction, many species faced new threats from increasing fragmentation of our forests and the lack of diversity in age classes. According to a 1999 Department of Agriculture study, less than 20% of Connecticut's forests are in patches greater than 1,250 acres. This fragmentation, among other problems, enables species that prefer mixed or edge habitats to prey upon or out-compete birds which require deep interior forests.

As our forests grew up from abandoned farm fields and the effects of the 1938 hurricane, and as timber harvesting was reduced, timber stands have grown more homogeneous in age. By 1998, 69% of our stands were mature, 25% intermediate age and only 6% early successional.

The Conservancy has worked with scientists to identify the best remaining opportunities to maintain large, unfragmented blocks of forest. Our goal is to conserve representative forest types across the state in blocks of at least 15,000 acres. This size should support viable breeding populations of forest-dwelling birds and enable these forests to withstand and benefit from periodic ice storms, hurricanes, fires and

other natural disturbances. Most of the unbroken forest blocks exist where our Department of Environmental Protection (DEP) has worked to acquire and manage State Forest lands.

Natural disturbances contribute to age diversity in our stands, but forest management is an even more critical tool. Unfortunately, staff cut-backs at our DEP's Forestry Division have reduced the agency's capacity to manage state forests. In order to increase early successional and intermediate age forests, the Conservancy is working with the DEP on a plan to double the acreage being managed by contributing private funds to enable the Forestry Division to temporarily hire staff. The additional revenues from increased timber sales would be banked by the DEP to hire the foresters permanently.

As part of this plan, we will assist the DEP in pursuing third party certification, and will work with the agency to formally designate late successional forest reserve areas within the forest blocks we have targeted. These reserves will be managed for their particular biodiversity without timber harvest. The agency currently has many areas that are not actively managed due to sensitive soils or ecology, or difficult terrain. We are hoping to work with DEP to digitally map, plan, and modestly expand these areas.

It is this last objective that meets with concern and resistance from many in the forestry community, who are concerned that leaving 100-120 year old trees results in a less robust forest from a timber production perspective. From an ecological viewpoint, the Conservancy maintains that a diversity of stands must include all ages, from freshly cut to centuries old. While "elderly" forests may not produce as much timber volume per year, they produce volumes of large decaying logs, snags and other features that support species and natural processes that cannot be replicated by timber management.

Massachusetts Reserves (*Continued from page 6*)

owned properties. The concept of forest reserves will continue to develop and evolve, and state-owned forests within Massachusetts can serve as models of state-of-the-art sustainable forest management practices and careful selection of forest reserves.

Quarterly Theme

Forest Reserves and Wildlife Habitat: A Perspective From Vermont -John Roe, *The Nature Conservancy*

The regrowth of New England's forest after it was largely removed in the 1800s has allowed the region to recover much of its ecological health. However, for that trend to continue in light of landscape fragmentation threats, forest reserves need to be a larger part of the land use mix than they are now.

A common response in the discussion about reserves is that the Northeast differs from the Northwest because we don't have species that are dependent upon old growth, and thus we don't need large reserves. Unfortunately, the issue is not species dependency on late successional habitat, but rather the increased population sizes this habitat creates for many species when compared to populations in northern hardwood forests managed for timber production on 100-year rotations. For example, research has found that blackburnian and magnolia warbler production can be 40 times higher in old growth than managed second growth. Creating late successional habitat is optimizing habitat for a wide variety of species, some highly visible and others largely unknown, because it resembles the dominant habitat of the pre-settlement forest.

How does one reconcile the idea of "optimal habitat" with the common perception that old forests are biological deserts? The answer lies in the word perception – as humans we tend to use experience to validate our beliefs. The problem is that most of us have never spent much time in true old growth stands, and none of us have experience within large landscapes of eastern forest old growth. Our collective experience of "maturity" is a very even-aged forest ranging from 80 to 110 years old, at the very point in a northern hardwood forest's development where species and structural diversity are at their lowest. Research at Hubbard Brook has shown that it is not until 150 years of age that



Cape May Warbler

Wikipedia

the northern hardwood forest starts to develop the structure, including small gap openings of early successional species, that gives an old-growth forest its abundance and diversity of wildlife. Most northeastern wildlife species thrive when both early and late successional habitat are found in close proximity. The Adirondacks, often assumed to be an example of late successional forest typical of forest reserves, will need nearly another 100 years for that to be true.

Forest reserves produce an abundance of large diameter snags and downed woody debris, which are vitally important to wildlife abundance, soil, and nutrient cycles. While careful forestry can increase woody debris in managed forests, it can never replicate the abundance, since a primary goal of forestry is to remove wood for human use. These decaying large trees provide a rich source of insects and fungi, which form the base

of a food web that supports most of the wildlife which we associate with northern hardwood forests.

Managed forest can provide optimal habitat for some, but not all, species. It will only be possible to have enough optimal habitat to support vibrant populations for all species over the long term when forest reserves are spread throughout the region and represent all forest types. Just as one would not advocate that a couple of deer wintering areas in one place are enough to carry the deer population through many winters, one shouldn't restrict optimal habitat for many other forest species to just a few places and expect populations to survive. However, forest reserves alone will not be enough. They must sit in a context of large areas of well managed natural forest. Only then can New England fully recover its ecological health, and provide humans with wood, ecosystem services, recreation, and an enjoyable landscape in which to live and work.

DIVISION NEWS

MAINE Division— Marc Johnson

Maine Division Spring Meeting

The Maine Division June meeting, "Forest Management Strategies for Enhancing Upland Game Habitat," was co-sponsored by the Maine State Chapter of the National Wild Turkey Federation. At the business meeting the members voted to raise \$5,000 over two years, for the Nutting Hall Courtyard Renovation in Celebration of the UMO Forestry Program's Centennial. Ron Lemin of UAP Timberland addressed the use of herbicides for wildlife habitat management. Doug Little, Regional Biologist for the National Wild Turkey Federation (NWTF), explained the life cycle and nutrient requirements of the wild turkey and outlined forest practices to create turkey habitat. Robb Cotiaux, NWTF, detailed treatments for creating deer habitat and wildlife food plots. Jim Wescott, a landowner from Windham, spoke about his experiences creating food plots and other deer habitat enhancements. The final speaker was Andy Weik, Wildlife Biologist at the Moosehorn National Wildlife Refuge. He discussed treatments for upland game bird habitat. Each speaker stressed the importance of hard mast for the species' success. The field trip was hosted by Jeff Williams, Lands Management Biologist, Maine Dept. of Inland Fisheries & Wildlife and the morning speakers. The group viewed harvest practices used to create the needed game bird habitats and discussed the site features necessary for successful management for birds and deer. The book, "Grow'em Right, a Guide to Creating Habitat and Food Plots," by Neil and Craig Dougherty was highly recommended. (Laura Audibert, MESAF Division Manager)

Mike Hammond

Mike Hammond was named Father of the Year for 2005 by *The Town Line* magazine, an eight-town weekly. Mike, the father of 4-1/2 year old Ethan, follows up on his son's preschool activities and helps the teachers with forestry awareness providing each child with seedlings to plant at home. The article states, "It is no sur-

prise that Mike brought in trees for the children because he has a degree in forestry from the University of Maine. He keeps up his forestry credentials through extended studies and is a member of the Society of American Foresters. He works for Central Maine Power Company as a line clearance forester. The staff at the *Town Line* newspaper, in naming Mike as the 2005 Father of The Year, is paying tribute to all fathers who embody the strength of character, the love of life that their children can emulate and which will provide tremendous dividends for future generations." (Source: *Town Line*, June 16, 2005)

Baxter State Park Director Retires

Baxter State Park Director Irvin "Buzz" Caverly retired on July 1st after working at the park for more than 46 years. "Governor Baxter entrusted a magnificent resource to the people of Maine. No human being has done more to protect that magnificent resource than Buzz Caverly, said State Attorney General Stephen Rowe, Chairman of the Baxter State Park Authority. **Jensen Bissell**, Director of the park's Scientific Forestry Management Area is serving as the interim park director. (Source: *Central Maine Newspapers*, June 22, 2005)

Denico Recognized

Douglas Denico was honored by the Maine Forest Products Council with the Albert T. Nutting Award for Public Service at its 45th annual meeting in June of this year. Doug has worked most of his career on Scott Paper Company, now Plum Creek Timber Company, lands. As forestry manager for Plum Creek, he works closely with peers and government agencies to foster a better working and regulatory environment for all things forestry. **Patrick Hackley**, Communications Director for the MFPC praised Denico's work at the statehouse. "Doug has been a tireless advocate for everyone in the industry in the regulatory arena, particularly in the state legislature, Hackley said. "He has reminded lawmakers that the forest industry is a significant part of

the state economy and just wants to be treated fairly." Doug studied forestry at the University of Maine, earning a Masters Degree in 1973.

Where's Waldo?

Twenty members and friends from The Small Woodland Owners Association of Maine toured MESAF forester **Lee Stover's** Waldo, Maine woodlot on 7/16/05 to see Lee's long-time white pine management. Lee and his wife live on the woodlot, off the electrical grid, run a portable sawmill and do their own timber harvesting.

Patrick Flood Sponsors Forestry Tax Incentive

Governor John Baldacci recently signed income tax timber management incentive legislation, an alternative to regulatory measures. "It's designed to be a carrot rather than a stick," said the bill's sponsor Representative **Patrick Flood**. "It sends a very positive signal to landowners. To receive this benefit, the owner must also prove that he or she had practiced sustainable forestry." The Department of Conservation decides what constitutes "sustainable forestry" and a licensed forester must certify that the land is managed in a way that sustains its productivity. (Source: *Central Maine Newspapers*, by Glenn Adams, Associated Press Writer)

SWOAM 30th Anniversary

As part of its 30th Anniversary, The Small Woodland Owners Association of Maine (SWOAM) is hosting **The Maine Woodlands Owners Forum**, on Saturday, Oct 22, at the Augusta Civic Center, Augusta, ME. The Forum is featuring numerous practical presentations and workshops for timberland owners. The event is being preceded on Friday by a selection of three Agroforestry Tours. The Farmington tour features woodyards managed by **Chip Bessey** and **Bob Bond** and the Sugarwood Gallery of Maine woodcraft products. The Monmouth group is focusing on Augusta's urban forests with **Tish Carr** and Ron Derosiers, of Highmoor Farms, a state agricultural farm for apple development. And **Marc** and **Holly Johnson** are showcasing their 19 years of management on their Tree Farm in China, ME.

New publications

Maine's 5th Year Forest Inventory report is available on the web from Northeastern Area Forest Inventory and Analysis Unit at <http://fs.us/ne/fia/states/me/ME5yr.html>.

The Maine Forest Service has published an annotated bibliography on tax policies to encourage long-term forest management. It is available at, www.maineforestservice.org.

GRANITE STATE Division— Jonathan Nute

Alex Shigo Honored:

People Places Plants magazine, in its 50th issue, honored Alex Shigo, retired US Forest Service Tree Researcher as one of the 50 most influential gardeners in its readership area of New England and New York. The magazine said, "He is one of those people who doesn't always believe what he reads in a book, and – as a result – he rewrote the book on trees." Shigo said, "Either the books were wrong or the trees were wrong. I chose to go with the trees." PPP goes on to say, "Known by acclaim as the father of modern arboriculture, the resident of Durham, NH, taught us that trees live, breathe and grow year-round. He was also one of the first to fully understand the relationship between mycorrhizal fungi and roots." "Alex Shigo has become a legend," said Denne Gold-

stein, the founder of *Arbor Age* magazine. (Source: *People Places Plants, New England & New York Edition, early summer 2005*)

Ken Desmarais has been chosen to serve as the new Bureau Administrator for the Forest Management Bureau. He is leaving his post at Fox Forest to replace retired Tom Miner. Director **Phil Bryce** congratulated Ken, stating that "this is one of the most important and influential natural resource management positions in the State." In February of this year, the Granite State Division recognized Ken as **Forester of the Year**.



GREEN MOUNTAIN Division—Ray Toolan

There have been two deaths recently that are worthy of note. Richard Villeneuve died at the age of 90. Anyone who has had anything to do with the forest resource in northern Vermont will know this name. At one time he owned the Greenmont Saw Mill in Underhill as well as Greenmont Chipping as well as many hundreds of acres of forest land. The mill was sold to Green Crow and has been essentially decommissioned. The chipping business is still in operation. The second death was that of Bob Farrington who had worked for Forests and Parks for many years. He passed away at the age of 93. His legacy is extensive and anyone who knew him speaks of him with a kind of reverence.

In other news, a lot of attention has been focused on a harvesting operation on lands formerly belonging to the Bell-Gates Mill. The lands were purchased by a Boston Investor after the mill shut down and decided to sell off its land holdings. The sale was brokered by Land-Vest who is also managing the land. Pretty much all of the 7,000 acres is in the process of being “aggressively managed” within the confines of the Use Value Appraisal program. This is of interest as it falls under the new types of investing as mentioned in the *Forestry Source*. There is speculation as to what will become of this land after the timber that may be removed is harvested. Recently it was reported that a wind power outfit had been applying for a permit to put wind turbines on this land. The

same people had approached Bell-Gates and their abutters, the Vermont Land Trust, some years ago but apparently no deal was reached.

We were all surprised by a massive outbreak of *Lecanium* Scale. It was first reported by foresters out doing Forest Tent Caterpillar surveys who noticed a sticky substance of just about every surface in the woods. The infestation seemed to cover the entire state but adjacent states seemed to have been untouched. The long term affect of this infestation remains to be seen. As for the Forest tent, it laid waste to the southern half of the state.

Former Addison County Forester David Brynn has resigned and is now working at UVM. His replacement is a consultant from southern Vermont.

Wood markets are still strong. Fire wood dealers are in heavy competition with the other pulp users.

We are once again coming into foliage season with it's hordes of tour buses. It is a mellow time of year once you get off the roads.

We are waiting to see what sort of a fall fire season we will have. It has been damp and chilly so this may be a very brief season.

Drive safely. Watch out for the moose.



Massachusetts—Anne Marie Kittredge

After nearly 40 years of outstanding service to forestry, **William H. (Bill) Rivers** retired this summer. Bill served as Management Forester & more recently as Management Forester Program Supervisor with the former DEM. Bill's dedication and achievements as a practicing professional forester were recognized by **NE-SAF's** presentation of the *Austin Carey Award* (1991).

Meanwhile, the Dept. of Conservation and Recreation welcomes three new members. Thomas

M. Ryan, B.S. Forestry; B.S. Environmental Sciences, UMASSm, is DCR's Service Forester within W. Hampden County (district 6). **Mike Downey**, B.S. Forestry, UMASS, is DCR's Service Forester within S. Berkshire County (district 1). **Joel Carlson**, B.S. UMASS, graduate work UNH; former Fire Management Program Manager for MA TNC is now DCR's Chief Fire Warden for Bureau of Forest Fire Control and Forestry. DCR also announces drafts of 1) "Landscape Assessment and Forest Manage-

ment Framework for the Berkshire Ecoregions" and 2) "Central Berkshire District Forest Management Plan". Both are available at the DCR website.

MA Div. of Fisheries and Wildlife welcomes **Sam C. Schneski** M.S. (2005) UMASS; BS (1998) UMaine. Sam works statewide as DFW's forester and upland game bird biologist. The Department also announces that a draft forest management plan is available for public review at http://www.mass.gov/dfwele/dfw/dfwpdf/dfw_berkshire_fmz_public_meeting.pdf.

The loss of open space to development at a rate of 40 acres/day in Massachusetts represents an alarming statistic and foundation for "**Wildlands and Woodlands: A Vision for the Forests of Massachusetts**", Harvard Forest, Petersham, MA. The report's approach can be applied throughout the Eastern US where expanses of forest are dominated by private ownership. The authors strongly support timber management on private and state-owned land, but also believe that it is time to delineate and

Connecticut—William Bentley

Hull Forest Products, Pomfret Center, held an Open House on October 8. The mill was in full production, and gave tours throughout the day.

Mike Ferrucci of Interforest, LLC in North Branford, CT continues to lead joint SFI/FSC Forest Certification projects for NSF-ISR of Ann Arbor, Michigan. In 2005 he will work on public land certifications in Wisconsin, Michigan, Maryland, and Minnesota involving more than 12 million acres of land. Mike also does certification for private firms, with projects throughout the US.

"*Greening Connecticut Cities and Towns: Managing Public Trees and Community Forests*" was produced by **Robert M. Ricard**, Urban and Community Forester, UConn Cooperative Extension System, and Glenn D. Dreyer, executive director, Connecticut College Arboretum. It is a comprehensive guide to conducting urban and community forestry programs for natural resource professionals and volunteers.

evaluate large forest reserves; <http://harvardforest.fas.harvard.edu/wandw/>

Massachusetts Governor Romney appointed a nine member **Massachusetts Forestry Committee** representing landowners, wood producing industry, harvesters, licensed foresters, conservationists, wildlife, watershed, public-at-large, and the Department of Conservation and Recreation.

A previously undocumented, non-native beetle (*Xyleborus seriatus* native to Asia) was recently identified in Southboro, MA during a test program designed to more quickly identify exotic species found during traditional insect surveys and control programs. This new early warning system, funded by a USDA Forest Service grant, works however it is too early to predict how this beetle will effect the local forests.

A list of CFE opportunities and continuing educational activities is compiled at: <http://forest.fnr.umass.edu/foresterlicense/texts/upcoming.htm>.

Contact Bob (robert.ricard@uconn.edu) for your copy.

The Fall CT SAF chapter meeting will be at the Goodwin Conservation Center, Hampton, on November 8. **Steve Broderick** will talk about James Goodwin, one of American's forest management pioneers. He also will review the draft stewardship plan for the 80 acre center grounds, which will serve as a woodlot demonstration. **Fred Borman** will lead a walking tour of the Goodwin State Forest, which was started by Mr. Goodwin in 1915. The records for the Goodwin Forest are among the oldest continuing records among US managed forests.

The First Connecticut Forest Conservation Forum will be held November 30 at the UConn West Hartford Campus. Sponsors include the Goodwin Center, Connecticut Forest and Park Association, UConn Cooperative Extension System, and CT DEP Forestry Division. CT SAF is a co-sponsor, along with the Connecticut Council on Environmental Quality. The fo-

rum will focus on the recently released *Connecticut Statewide Forest Resource Plan*. Speakers will include **Dr. Lloyd Irland**, visiting professor of forest management at Yale, Dr. Dan Perlman, Brandies University, **Jim Grace**,

Pennsylvania State Forester, and **Helene Flounders**, DEP forester and author of the Connecticut plan. Citizen Chairs of the eight strategic goals will meet with the audience at the end of the first forum.

Rhode Island—Gregg Cassidy

Walk in the Woods

This year's Walk in the Forest will take place on October 18, 2005 at The Nature Conservancy's Francis C. Carter Memorial Preserve in Charlestown, RI. **Paul Dolan** is taking the lead in organizing and promoting this event.

Envirothon

Paul Dolan recapped the Envirothon held on May 19 at Camp Hoffman in South Kingstown. Narragansett was the overall winner with Coventry and Wheeler placing 2nd and 3rd respectively. Narragansett went on to the national competition and finished 17th. As in the past, The RI chapter of SAF cosponsored the event and assisted with judging the Forestry component of the competition. A \$100.00 grant was presented to the Narragansett Envirothon team (courtesy of the Yankee SAF Youth Award) to be used to help defray the cost of attending the national competition. **Paul Dolan, Tom Abbott, Chris Modisette** and **Rob Macmillan** were SAF members active in the event.

Forest Products Expo

The dates for the Expo have been set for April 7 - 8, 2006 at Community College of Rhode Island in Warwick. This event will both promote

forests and educate the public about Rhode Island's Forests. **Marc Tremblay** is active in organizing this event.

Forest Resource Plan

The State's Forest Resource Management Plan has been revised and is now part of the State Guide Plan. As an element of the State Guide Plan, this plan sets goals and policies that must, under state law, be reflected in future updates of local comprehensive plans. This document is available at: <http://www.planning.ri.gov/forestplan/frmp/forestplan.pdf>



The RI chapter of SAF provided tee shirts promoting RI forests to Air Force Troops from Rhode Island deployed in Iraq.

New Brunswick —Edwin Swift

Jim Lotz recently published "*Green Horizons – the Forests and Foresters of Nova Scotia*". The vision of documenting what has been going on in Nova Scotia forests over the past 50 years was that of the late Dave Dwyer, a long time DNR forester and member of the Canadian Institute of Forestry (CIF). He proposed that the Nova Scotia Section celebrate the organization's 50th anniversary with the special book project.

Dwyer linked the CIF with Halifax writer Jim Lotz who chose to produce a perspective based

on personal interviews with individuals and organizations who have played significant roles in various aspects of how forests have been used in the past and will be managed in the future.

The book covers a wide variety of topics regarding the forests in Nova Scotia over the last half century - from greed and total exploitation practices in the past to the desire to protect as much forest land as possible from any extractive use.

NE SAF AFFAIRS

Councilor's Report—Leo Laferriere

Some items up for discussion at the mid-October national convention in Fort Worth:

Code of Ethics and associated Bylaws: This has been a matter of ongoing concern, both before and after the latest revision. Some members have been dissatisfied with the Code and/or Bylaws, to the point where it has been cause to leave SAF. I've heard comments regarding SAF working with the Association of Consulting Foresters in developing more widely acceptable standards. The Ethics Committee chair has asked to address HSD regarding Code changes and Bylaw processes, and the subject is on Council agenda as well. Ethics can be a delicate issue, but SAF's Mission Statement and Core Values merit support, and professional conduct is integral to achievement of those standards.

Election of Fellows: Per the Bylaws, the number of Fellows is limited to five percent of the membership. The original intent of this limitation was to uphold the quality of members elected. However, nationally the number of Fellows elected has risen to eight percent, and we are in violation of the Bylaws. Council forwarded this issue to the Committee on Professional Recognition, and voted to limit states to one nominee per year until this issue is resolved. My position has been that a fixed number limit is a generally inappropriate method of quality control, particularly since it discriminates against deserving members who must wait for Fellows to leave SAF in order to be nominated. My sense is quality develops on the basis of earned merit, and timely recognition is a merit in itself. The New Hampshire folks and other states had a problem with the one-per-year limit, but President Helms lifted that limit so that all nominees were considered. The Committee on Professional Recognition will be addressing Council regarding this issue.

SAF financial management: This is receiving very serious and good attention. The Forest-

ers' Fund is below desired levels and is owed money by the General Fund. Adequately building the General Fund through generation of an operating profit is difficult due a number of causes. I believe current investment policies for the funds are flawed. These guidelines stress protection of principal, current income being a secondary consideration, and permit investment in bond index funds and broad market equity index funds. Doing so however places 100% of the funds at risk to market fluctuation and thus this strategy cannot be relied upon to produce predictable income. SAF needs both reliable income and protection of the members' funds. My position is that the funds are better invested partially into the equities market which can generate growth over the long term, and partially into fixed income investments which will produce reliable income on an annual basis. Investment policy is on the National Convention agenda and rest assured our Finance Committee will deal with it.

On a high note, while some issues exist, there are some good and well-motivated people involved in change for the better. They believe in SAF, its Mission, its Core Values and in the values of the membership. Thanks to each of you for being part of that strength.

EXTRA!...EXTRA!



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[http://www.safnet.org/who/
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**Two Thumbs Up
From Vice Chair
George Frame**

Chair's Column—Ken Laustsen

Chair's Conundrum

It has been a busier than average summer for the NESAF Executive Committee (EC). At the annual business meeting in March, the EC was clearly instructed and mandated to provide communications and a referendum on the recommendations within the Volunteer Organizational Structure – Task Force Report (VOS-TF). That motion allowed all members to individually vote on each of the 15 recommendations contained in the report. To date, NESAF is the "ONLY" SAF District, State Society, or Division to provide its members with the opportunity for a full democratic accounting.

At the June EC meeting, a process was discussed and agreed upon for conducting the referendum. The cover letter, synopsis of individual recommendations, and a postcard ballot were mailed in mid-August to 1,078 NESAF members, including students, technicians, and other non-resident SAF members who list NESAF as an affiliate State Society and pay those representative dues. The deadline for ballot return was September 12th, a date set to timely convene a Teller's committee. The Teller's committee tabulated only 208 ballots, a disappointing 19% response rate. I reported the tabulated results to EC members and many others on September 15th.

The following results were equally surprising, with all recommendations being accepted with an approval range of 69% (Recommendation 1) to over 98% (Recommendation 10). I have already been challenged that the referendum results are not truly indicative of NESAF members. I forcibly begged to differ and as NESAF Chair I will continue to support the clear consensus of those members *who voted* and therefore support the complete enactment of all 15 recommendations.

If my whole-hearted support rankles and is contrary to your opinion, you as an individual member still have until November 9th the chance and choice of submitting personal comments to Leo Laferriere (Council Representative), to John Helms (SAF President), or on-line at <http://www.safnet.org> within the Members Only link.

Over the last 10 months, the VOS-TF report has provided multiple opportunities for plenty of discussion, thoughtful consideration, and commentary. I thank all of you who have participated and those who still might in the next few weeks. Your interest and involvement is appreciated. I believe the common goal is to retain SAF as the professional organization of choice, not just for foresters, but for all allied natural resource disciplines.

Both George Frame and I will be serving as voting members at the House of Society Delegates meeting in the 1 ½ days prior to the national convention in Fort Worth, Texas. We both welcome insight to any issues, actions, or success stories that NESAF members would like us to convey or share at that forum.

<u>Recommendation</u>	<u>Yes</u>	<u>No</u>	<u>No Vote</u>	<u>Total</u>
1	143	65	0	208
2	166	39	3	208
3	175	31	2	208
4	190	16	2	208
5	172	36	0	208
6	196	11	1	208
7	164	39	5	208
8	195	11	2	208
9	187	18	3	208
10	204	1	3	208
11	202	0	6	208
12	200	4	4	208
13	196	4	8	208
14	194	8	6	208
15	172	31	5	208
1	69%	31%	0%	
2	80%	19%	1%	
3	84%	15%	1%	
4	91%	8%	1%	
5	83%	17%	0%	
6	94%	5%	0%	
7	79%	19%	2%	
8	94%	5%	1%	
9	90%	9%	1%	
10	98%	0%	1%	
11	97%	0%	3%	
12	96%	2%	2%	
13	94%	2%	4%	
14	93%	4%	3%	
15	83%	15%	2%	

Tellers Committee:
George Frame, NESAF Vice-Chair
Lindsey Santaniello, NESAF Admin. Asst.
Volunteer from SPACE

On Line Job Postings

NESAF is proud to announce the creation of a new employment service for SAF members. Your Executive Committee meeting will provide space on the NESAF web site for the posting of available jobs of interest to SAF members.

Potential employers of SAF members will be requested to submit job openings to the NESAF web site for advertising. It is expected that the first new listings will be on line by December 1st, 2005. Jobs will be listed on the NESAF web site for one month. The service is free to all prospective employers. Employers are asked to submit their ads at least 10 business days before the beginning of the month they wish the ad to be posted. Ads must include the following information and should be no longer than one double spaced, type-written page.

Month to be posted:
Title of Position:
Location of Job:
Minimum qualifications:
Position Description: and
Complete Contact Information:

Submittal can be completed by email to george@featherledge.com. Submitted ads are preferred to be received as email attachments in WORD document format. However, most text formats are acceptable.

NESAF will format all ads and edit for content if necessary. Incomplete ads will be returned to the Employer for editing.

It is the responsibility of the SAF member to contact the employing agency or company directly concerning the position. NESAF is providing space and information for the benefit of our members. It is in no way an employment agency.

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

In Memoriam

CONCORD, NH—J. Willcox “Will” Brown, a longtime resident of Dunbarton, died in peace Tuesday, August 16, 2005 at the age of 90, at concord Regional Visiting Nurse Association’s Hospice House.

Will was known for his unflinching devotion to his family, friends and the environment and regarded not only New Hampshire but the entire world as his community. Born in Wilmington, DE, he fell in love with New Hampshire at the age of 12 when he first climbed Mt. Moosilauke. He graduated from Dartmouth college in 1937 with a degree in economics, but his outdoor club activities presaged a different course. After earning his master’s degree in forestry from Yale University, and winning Natale’s hand, his work and interests took them around the country. The lure of New Hampshire drew him back for good in 1955, when he moved his family to Dunbarton.

Will volunteered his time and energy on projects too numerous to list. He had a unique ability to see the goodness in everyone he met and his fair and open-minded approach could transform even an opponent into a friend. He will be fondly remembered for his willingness to add a limerick or a song to any occasion.

He leaves his wife of 64 years, Natale (Linton), his sons; Tom of California and Steve of Manchester, and his daughter, Shasta, of France. His beloved daughter Susie predeceased him. He was devoted to his five grandchildren and four great-grandchildren.



CFE Update

Activity/Date/Location

Hours/Category

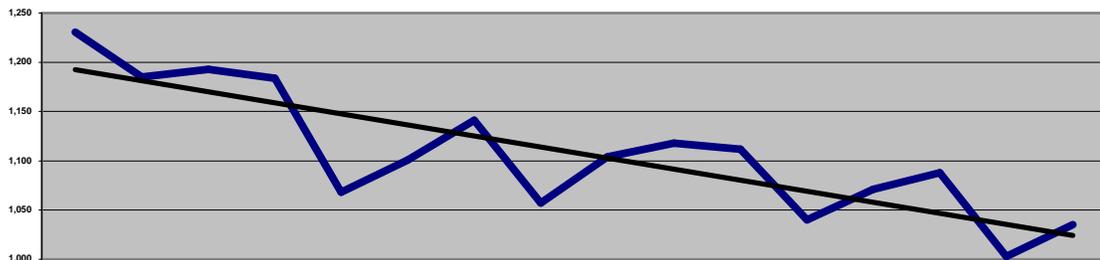
Silviculture: Forest Stand Dynamics, New Haven, CT, 10/23—28/05	30.0/I
Water in the Woods: Exploring Hydrologic Functions in NE Forests, Hollis, NH, 11/1/05	3.0/I
Maine SAF Fall Meeting: 15 Years of ABC Silviculture, Orono, ME, 10/11/05	5.5/I
New Hampshire-Vermont Christmas Tree Association, Bennington, VT 9/24/05	1.5/I
N. Maine Forest Forum: Silvicultural Practices in Northern Hardwood Stands, Caribou, ME, 9/24/05	1.5/I
Green Mt. Division SAF 2005 Summer Field Meeting, Underhill Center, VT, 9/16/05	3.0/I
Amphibian Life Histories and Land Management Practices, Concord, NH, 9/15/05	2.0/I
Ecological Forestry in the Northern Forest, Kingfield, ME, 9/13—14/05	12.0/I
Upland Invasive Plant Control, Brattleboro, VT, 9/8/05	3.5/I
Control of Invasive Plants, Buxton, ME, 8/6/05	4.0/I
Land Management Road Crossings - Passage Friendly for Aquatic Species, Rangeley, ME, 6/24/05; Jefferson, ME, 7/15/05; Beddington, ME, 8/12/05 & Houlton, ME, 8/26/05	4.0/I
Forest Communities of New Hampshire, Durham, NH 6/30—7/29/05	20.0/I
New Hampshire-Vermont Christmas tree Association Summer Meeting, Colebrook, NH, 6/25/05	2.5/I
Northern Maine Forest Forum: The Canadian Lynx Study, 6/16/05	1.0/I
Forested Wetlands Workshop, Lancaster, NH, 6/10/05	3.0I
Wildlife and Forest Management, Augusta, ME, 6/9/05	3.0/I
Group Certification for Forestry Professionals, Augusta, ME, 6/7/05	6.0/I
A Project Learning Tree Workshop & Facilitator Training, Orono, ME, 6/2/05	6.0/I
Diameter Limit Cutting in Northeastern Forests, Amherst, MA, 5/23—24/05	5.5/I
The Greatest Good, Petersham, MA, 4/26/05	2.0/I
Vermont 6th Annual Tree Warden Meeting, Randolph Center, VT, 4/9/05	4.0/I
Sustainable Forest Management in the NE US: Seminar Series, UMass, Amherst, MA, 1/27—4/13/05 (9 one-hour sessions @ 1.0 CFE)	1.0/I



Northam D. Parr,
UNH Cooperative Extension
3785 Dartmouth College Highway, Box 8
North Haverhill, NH 03774-4936
Tel: 603-787-6944 Fax: 603-787-2009
grafton@ceunh.unh.edu



NE SAF Membership Trend



New England Society of American Foresters Membership Summary

	Nov-97	Nov-99	Feb-02	Apr-02	Aug-02	Oct-02	Feb-03	Jul-03	Nov-03	Feb-04	Apr-04	Oct-04	Dec-04	Feb-05	Jun-05	Jul-05
NE SAF (at large)	36	25	22	22	19	19	21	19	20	21	21	21	22	22	22	22
Granite State	233	213	213	213	202	203	212	201	207	210	206	189	187	188	177	178
UNH	15	8	8	6	6	7	7	5	5	7	5	5	14	16	16	16
Green Mountain	169	164	156	160	142	142	146	139	145	145	145	144	147	149	143	149
UVM	7	18	30	27	24	24	24	12	13	13	13	8	10	10	5	10
Maine	355	345	326	320	300	301	307	298	308	315	315	297	304	307	292	293
UM	64	38	39	38	30	43	51	38	44	45	45	36	42	47	34	47
Yankee	173	6	6	3	2	2	2	2	2	2	2	1	1	1	1	1
Yale	15	21	38	26	18	27	31	22	24	24	24	17	15	13	5	6
Umass	11	15	14	12	8	9	9	11	13	14	14	8	8	8	7	8
Rhode Island	18	19	21	21	18	18	20	18	19	20	20	20	20	19	18	19
Connecticut	135	140	146	156	140	145	145	132	140	141	141	141	144	144	134	136
Massachusetts	173	173	174	180	159	161	166	160	164	161	161	153	157	164	149	150
TOTAL	1,231	1,185	1,193	1,184	1,068	1,101	1,141	1,057	1,104	1,118	1,112	1,040	1,071	1,088	1,003	1,035

National SAF	Nov-97	Nov-99	Feb-02	Apr-02	Aug-02	Oct-02	Feb-03	Jul-03	Nov-03	Feb-04	Apr-04	Oct-04	Dec-04	Feb-05	Jun-05	Jul-05
	17,939	17,373	17,173	17,441	16,553	16,409	17,064	15,438	16,208	16,503	16,606	16,606	15,761	15,874	14,682	14,730