Chair’s Message
Bill McDowell

Greetings from James Hall to all our alumni! I hope all is well with you. For me, fall is an exciting season, full of hope and promise. With the cooler weather comes a new academic year, eager students and new challenges. Campus has been bustling with construction all summer. Murkland Hall is now fully renovated, along with Congreve. They both look great. A new dining center was also finished in time for fall classes. A new round of Campus Master Planning is under way, and we hope it will bring us a renovated James Hall. Our grad students moved back into Nesmith, after a year in temporary trailers near College Woods. The pace of construction on campus has been matched by the activities of our faculty. John Aber is now Interim Vice President for Research and Public Service. Ted Howard continues to lead the Center for International Education and intern in the Forestry program. Ted is nearing the end of his sabbatical, and is now the UNH Alumni Coordinator for this past. I could go on and on, but you get the idea. Natural Resources remains a lively place to be, and it is a privilege to be Chair in such a top-notch Department. Please stay in touch with the Department, we love to hear from you.

Faculty Update
Fred Short, Research Professor of Natural Resources has quite an international crew at the Jackson Estuarine Laboratory Seagrass Research Lab. Dr. Di Walker from the University of Western Australia is on sabbatical investigating eelgrass reproduction in Great Bay. Caroline Ochieng is a first-year Ph.D. student from Kenya. And, visiting Caroline is her husband, Dr. Paul Erftemeijer, who is a seagrass and coastal research scientist from the Netherlands who works at the Delft Institute. Fred’s Ph.D. student and technician, Jeff Gaeckle and he traveled to Vietnam in July to establish a Seagrass Net monitoring site in Ha Long Bay, a World Heritage Site in northern Vietnam.

Paul Johnson, Associate Professor of Natural Resources, has shifted his research activities from gypsy moth to hemlock woolly adelgid, an emerging problem in the seacoast area of New Hampshire. He attended the Southern Forest Insect Work Conference in New Orleans, LA, July 28-31.

John E. Carroll, Professor of Environmental Conservation, presented a paper, “Aldo Leopold, the Land Grant Universities, and the Birth of a New Agricultural Ethic,” at the annual meeting of the Agriculture, Food and Human Values Society in Austin, Texas in June. He presented a second paper at that meeting, “Sustainability and Spirituality,” based on his forthcoming book of that title (University of

Society of American Foresters
2003 National Convention
October 25-29, 2003
Buffalo Convention Center
Buffalo, NY

for more information, visit http://www.safnet.org/convention/index.cfm
New York Press, due out in 2004). This summer Professor Carroll conducted research on sustainable agriculture and land ethics, (Hatch 424), focusing on northern Maine and took an opportunity to travel the entire length of the St. John River Valley in New Brunswick, Canada.

**Remembering Paul Bruns**

I was saddened to learn of Paul’s death Sept. 29, 2002. Sad because he was such a good and special person, and sad because I had not kept closer touch since he retired and left New Hampshire.

Paul was the person who led the forestry and wildlife programs through the late 50’s and 60’s. He was the guiding influence that brought SAF accreditation to UNH forestry. Under his leadership, John Hill, Jim Barrett, Moose Reeves, Dave Olson, Ben Foster, Bill Mautz and I were recruited and spent much of their careers at UNH.

After he stepped away from administration, he remained a stabilizing influence in the sometimes stormy initiation and conduct of the Institute of Natural and Environmental Resources. I think that the Department of Natural Resources is partly his legacy to the University of New Hampshire. Unfortunately, he retired before the department blossomed and flourished in its present form.

Paul was an accomplished teacher and a productive researcher, and he had a profound understanding of the role of forest management and its technical elements, in a larger picture of resource management and community (natural and human) well-being. While we were attempting to define our role in natural resources education at UNH, Paul cooperated in initiating a team taught course in natural resources policy; look where that has progressed now! In addition to his textbook on forest management, he carried out very useful research in Christmas tree management, and he worked with others in producing forest type determinations and management opportunities in New Hampshire. In addition, he authored “A New Hampshire Everlasting and Unfallen” (1969), a comprehensive history of the Society for the Protection of New Hampshire Forests, at a time when the Society was entering a new era of comprehensive advocacy, education and protection activities.

But I think his greatest contributions were in the ways in which he advised and supported his students and faculty colleagues. He was a special human being, and those with whom he interacted and worked knew and appreciated his concern for them. He was a caring and supportive mentor for me; I am confident that I was granted tenure not because my performance merited it, but because he wanted me to have it, and the system at that time allowed such outrageous practice.

Paul and his wife, Pat, were deeply committed to conservation in their community lives. Pat and I served together on the White Mountain National Forest Advisory Committee, when there was such an organization, and I worked with her when she was chair of the Lee Conservation Commission. Paul and Pat worked with their neighbors to protect a special island in the Lamprey River, and ownership is still in the family.

So here’s to Paul Bruns, forester, administrator, statesman and friend. May his legacy continue to inspire us as we work with one another to bring knowledge, enthusiasm and commitment to bear on natural resources education, research and advocacy in New Hampshire and the larger community.

Dick Weyrick
Associate Professor
of Forest Resources

**From James Barrett, Professor Emeritus**

I can only add to Dick Weyrick’s excellent statement about Paul Bruns by including some personal experiences with Paul.

Paul gently guided me into the somewhat chaotic environment we call an academic community. I needed all the help I could get. First, Paul had to convince the Dean to hire me, for I didn’t exactly make a good impression in my interview. The Dean said that I didn’t talk, and we couldn’t have a teacher who doesn’t talk. I did talk -- some, and with Paul’s guidance had a good first year in the Forestry Department. I don’t know how my life would have turned out without Paul’s help.

Like Dick, I’m sorry I didn’t visit Paul and Pat, and sorry I lost the opportunity to tell Paul how much his help meant to me during my first years at UNH.
Over four decades or about fifteen thousand sunrises ago, Paul and others dedicated the College Woods Natural Area. I’ve learned to love the Natural Area and other College Woodlands. I write this note during yet another sunrise. Soon I’ll be sauntering through the Natural Area -- the area Paul dedicated so long ago.

James Barrett, Professor Emeritus

The College Woods
by Clark L. Stevens
Professor of Forestry
Composed since 1954

Three hundred years ago, there was a sawmill on Oyster River only about a quarter-mile downstream from the area now known as the College Woods. We do not know how long it was in operating condition, but the remains of the stone dam may still be seen from the street called Mill Road. The presence of this mill so close at hand would seem to present a convincing argument against the theory that the College Woods constitutes the remnants of a virgin forest. A second bit of evidence is the stone walls whose courses may be traced through various parts of the tract, although many have been removed since Ben Thompson gave it to the College. A third argument is the rather high percentage of even-aged white pine in the mixture, the presence of which would appear to indicate that the land was pretty well cleared at one time.

But, if we cannot consider it as authentic virgin forest, we may still treasure it as really old-growth woodlands, and point to it as something quite a bit older than the United States of America. Borings taken long ago on many of the larger trees show ages of 200 years and more.

This is about as far back as we have been able to trace its history. The old descriptions are delightfully vague, but it appears that one Daniel Warner of Portsmouth bought a part of the property from a Jonathan Hill in 1763. His son, Jonathan Warner, acquired another part from a Benjamin Partridge in 1778, and sold the whole tract to Benjamin Thompson, Senior, deeded it to Benjamin Thompson, Junior, who in turn bequeathed it to the College in his will, dated 1856. In 1891, the will was accepted for probate and the property passed to its present owner.

At that time it was an unbroken stand of old-growth trees, ranging in size up to 4 feet in diameter and over 100 feet in height. In places there were quarter-acres carrying as high as 20,000 board feet. Apparently there had been little or no logging there since the days of Jonathan Hill, although according to the History of Durham: “Legend says it was in this section that planks were cut to build the historic ship, “Ranger”, which was captained by John Paul Jones during the Revolution.”

At any rate, for nearly 200 years the trees had grown undisturbed, unthinned, and unpruned until the College needed new buildings. So, in 1895, a cutting was made in the east end of the woods, taking out material for a cow barn, a horse barn, and a little later, for Morrill Hall. The location of this operation may still be identified, and it is said that when Professor Rane, who was in charge of it, saw what it looked like, he refused to cut another tree from the College Woods.

Since that time, only salvage cuttings have been made there, except for the occasion in 1934-35 when the University cleared the flowage for the Oyster River Reservoir.

Unfortunately, there have been plenty of these salvage cuttings. In 1933, a heavy snow storm knocked down a good many scattered trees. Later, the great hurricane of 1938 cleaned out the center of the area, and in 1954, Hurricane Carol did further damage. Thus, today we have left only a shattered fragment of the forest brought to maturity in the days of Ben Thompson. Even so, it is an inspiring fragment and gives us an impressive revelation as to what it must have been like when he enjoyed its green vistas.
A Discovery in College Woods
by James Barrett

Who can ever express the ecstasy of the woods?
Ludwig von Beethoven

In our allotted time on earth each of us travels down a misty trail experiencing both joy and sorrow. We wonder about life and nature. Yet so much remains incomprehensible. As Michel de Montaigne, the French essayist said, “Nature understands her business better than we do.”

We do know that physically nature tends to heal, growing new cells to replace those damaged by a cut or the corrosive effect of air pollution in our lungs. Modern medicine enhances nature’s healing powers.

Don Quigley leading the Memorial Service for Paul Bruns

Although sometimes we’re not open to it, the beauty of nature can restore our souls as well. Alas, in modern times, we tend to ignore our souls and might not recognize the vital importance of beauty. Cultivating both is as essential as giving attention to physical health.

Often I light out for the College Woods to escape the noisy, busy world -- but unfortunately, I take my brain, with its jittering and jabbering, with me. Soon I enter the green woods I’ve learned to love so well. If I’m fortunate, the quiet beauty of the sanctuary slows the movement in my brain cells.

On one spring saunter, I discovered a small white flower I couldn’t identify. Some might call it a weed. My brain cells stopped their bee-bopping around as I gazed at the tiny petals. Such a delicate flower so deep in the woods! It displayed its beauty not for me-or anyone. It simply existed as Robert Frost said to express “sheer morning gladness to the brim.”

Iris Murdoch, a British writer observed, “People from a planet without flowers would think we must be mad with joy the whole time to have such things about us.”

The flower’s simple beauty touched my soul with joy to bring both peace and healing. I’m grateful for that discovery on a spring morning in the College Woods.

Memorial Service for Paul Bruns
excerpts from a letter by James Barrett

On Monday, May 12, 2003, a Memorial service took place in the College Woods honoring Paul Bruns. Though cloudy, it was a beautiful afternoon to show our respect for the man who had the wisdom to protect this sanctuary.

During the memorial service several dozen people passed by - joggers, saunters, some walking dogs.

The College Woods is an outdoor classroom for students in the Department of Natural Resources, the Thompson School, and other departments at UNH. In all my travels around this country and in Germany, Switzerland, and Austria, I’ve never found woods so nearby they could be considered a classroom.

The College Woods is not just a classroom and living library for natural resource students. It’s for all students. As Beethoven suggested in my essay, “A Discovery in the College Woods,” all art and music originates in nature. Let’s be thankful that we don’t have to go to the legislature to ask for ten to twenty million dollars to build this wonderful classroom and library. Let’s have the wisdom to permanently protect this gift from nature.
A Walk in the College Woods, Fall 1999
by James Barrett, Essays About the College Woods

Let’s take a short walk into the College Woods at the University of New Hampshire.

As we enter the woods we notice cairns on each side of the trail. The mounds of stones were made by students to express their concern about the possible building of a road through the edge of the College Woods.* The cairns could be considered works of art, for it took great skill to balance the stones. They serve as landmarks along the trail entrance.

When we walk a couple of hundred feet into the woods we come to the first station on a Forest Ecology Interpretative Trail, a trail taken by hundreds of students each semester to learn about forest ecology. Since 1990, in my Forestry 502 class alone, about five thousand students have walked the trail. At this station we describe the forest and nearby wetlands. On a hillside sloping up from the wetlands is a stand of large pines and hemlocks, an excellent area for students to learn about forest measurements. Along the trail is a large, old pine where you might see a winter owl perching from time to time. If a road is built, the educational values in this area would be destroyed.

Interpretative trail station two is a few hundred feet further along the trail. Now we are in the College Woods Natural Area that is now protected by a somewhat natural buffer zone several hundred feet wide of trees, other plants, and animals. Although this station itself will survive the building of a nearby road, natural ecological processes will be damaged by noise, pollution, and the impact of development.

Interpretative trail station three is a few hundred feet further along the trail. Here a large sign describes the College Woods Natural Area in 1962: “This 64-acre tract, once the woodlot of Benjamin Thompson, will be left undisturbed for the study and enjoyment of present and future generations.”

We plan to dedicate the College Woods Natural Area to Paul Bruns, a forester and naturalist influential in establishing the Natural Area.

We are away from the site of the proposed road, but not from the potential noise, pollution, and other disturbances that would degrade the Natural Area -- the heart of the College Woods.

Now that you have made it this far in the College Woods, I’ll let you saunter on your own down one of the many trails. You will discover the Paul Bunyan tree a few hundred feet down the trail back of the sign. Paul Bunyan, a white pine, is the largest tree in the College Woods, probably standing during the Revolutionary War. Bearing to the left will lead you to the Oyster River and the Durham Reservoir.

Just for a while, let your concerns about classes, work, and other stuff fall away so your body and soul can be refreshed and renewed. Enjoy the relative quiet, fresh air, exercise, and beauty of the College Woods -- a unique gift for study, recreation, and quiet reflection. Let’s treasure and protect this gift -- these nearby woodlands.

*At this time UNH Administrators have decided not to build the road through the woods.

Congratulations to Department of Natural Resources Forestry Students, Jen Weimer (Sr.), Steve Junkin (Jr.), and Rob Kenning (Sr.) for winning the Quiz Bowl at the New England Society of American Foresters Annual Winter Meeting held March 18-20, 2003 at the Radisson Hotel and Conference Center in Burlington, Vermont. This is the second year in a row that UNH has brought the Quiz Bowl trophy home. It is on display in the Clark Stevens Room 205 in James Hall. Other teams competing were Thompson School and the University of Maine.
20th Natural Resources Banquet
April 30, 2003
Granite State Room
Memorial Union Building

Sarah Smith (For ’78) receives the Distinguished Alumni Award

Pleasant conversation with faculty and undergrads

Pat Neff (l) and Lauraine Stevens (r) of the COLSA Business Service Center

Larry Smith, Bob Edmunds, Ted Howard, and Dave Burdick

Peter Smith, Harold Hocker (faculty Emeritus), and Sarah Smith

Larry Smith hands out the Ruth E. Farrington Scholarship Awards

Contestants for the “C. Tattersall Smith” ugly tie award

Phil Hammond, COLSA Computer GURU, with frog
Department of Natural Resources 2003
Banquet Awards Ceremony
The following scholarships were awarded to grad and undergrad students at the 30 April 2003 Department Banquet Awards Ceremony.

Clark Stevens: Janice Huebner, WL
Ruth E. Farrington: Alison Chaney, EC; Kendra Gurney, EC; Christopher Habeck, WL; Megan Motta, EC; Brian Magoon, WL; Travis Genatossio, TSAS; Jennifer Weimer, FOR; Stephen Eisenhaure, TSAS; Sean Auclair, WL; Christine Johnson, MS-FOR
Lloyd W. Hawkensen: Ashley Standbridge, EC
Cass Adams: Hannah Sherrill, WL; Jodi Anderson, WL; Vanessa Knowles, WL
Elizabeth Greene Award: Sarah MacDougall, EC
Richard B. Johnston Award: Travis Genatossio, Thompson School transferring to Forestry
James J. DiStefano: Kenny Damon, WL
Class of 1974: Charles Stone, WL
Alumni Scholarship Award: Kathryn Lucas, EC; Shannon Buckley, EC; Ryan Walls, EC; Jennifer Weimer, FOR; Chris Habeck, WL

Outstanding Student Awards went to the following undergrads:
Soils: Brooke A. Stubbs
Environmental Conservation: Danielle M. Adams, Ryan J. Walls
Wildlife: Elizabeth A. Baldwin
Forestry: Kathleen B. Utter
WaRM: Genevieve Al-Egaily

Nancy Coutu Scholarship: Kristin A. Salamack

Faculty and Alumna Awards:
Teacher of the Year Award: Christine Schadler & Kim Babbitt
Distinguished Alumna Award: Sarah Smith (FOR ‘78)

Continuous Forest Inventory Plots:
Caroline A. Fox Research and Demonstration Forest, Hillsboro, New Hampshire

Susan E. Campbell
M.S. Natural Resources: Forestry, Candidate 2004
Mark Ducey, Advisor

In 1955 fifty-two continuous forest inventory (CFI) plots were established on the Caroline A. Fox Research and Demonstration Forest, Hillsboro, New Hampshire. The Fox CFI plots are 1/5-acre circular plots. These plots were measured for diameter in 1955, 1960, 1965, 1975, 1984, and 2001. The 1984 and 2001 measurements also collected height data for all trees. The complete 1955-2001 dataset was used for an honors thesis examining how the CFI plots have changed over time.

In 2001 the first challenge was finding and re-monumenting the plots. Since 1984 the tree numbering paint had completely worn off. The 1984 stem-mapping and the earlier scribe marks made relocating the plots possible. Plots could take anywhere from 15 minutes to 3 days to find. There were two plots that were completely lost. One was cut over and the other was composed entirely of mature red oak (Quercus rubra) trees that did not retain the scribe marks. A third plot had been dropped from the CFI study in 1975 because it had been cut over. Each of the 49 located plots has been mapped using GPS.

Due to time constraints only data from 26 of the plots was analyzed for the honors thesis. The results from the honors thesis analysis showed that the number of live trees had increased from 1144 in 1955 to 1424 live trees in 2001. The trees per acre had increased from 220 to 273 over the same period. Similarly the basal area per acre doubled, increasing from 81.51 sq. ft. to 167.33 sq. ft.

Despite the addition of 53 younger trees per acre, the average diameter of trees increased from 7.6 inches in 1955 to 9.4 inches in 2001. Between 1984 and 2001 some of the larger mature red oak, white pine (Pinus strobus), and hemlock (Tsuga canadensis) trees had
Species composition was also looked at. There are 21 species identified on the plots. White pine trees which numbered approximately 160 stems on the plots in 1955 had declined to about 95 stems in 2001. Hemlock, approximately 210 stems in 1955 had exploded to about 380 stems. Two species present in 1955, grey birch (*Betula populifolia*) and black oak (*Quercus velutina*), had been eliminated from the plots. These two species were never prominent and did not occur in any great quantity. Balsam fir (*Abies balsamea*) entered the mix on one plot in 1984 and has expanded to 4 stems in 2001. There are other changes in species composition over time.

In addition to the time comparisons for the forest, this dataset can be used to test the accuracy of growth simulators. A subset of this data, 11 plots, was used to compare SILVAH, OAKSIM, NE-TWIGS, and FIBER, growth simulators incorporated into the New England Decision model (NED). Results weren’t conclusive. The subset of data was too small to detect any differences between the growth simulators. It is planned that the data analysis on the full dataset, all 49 plots, will be completed shortly. The growth simulation comparison using the full dataset is also ongoing. It is also planned to look at the Fox Forest using remote sensing datasets, Landsat TM and, if possible, SIR-C/X-SAR, a shuttle based radar imaging mission.

In this study, two main questions were addressed. First, what is the current distribution of spruce grouse in the White Mountains? I established a survey system that allowed hikers to report the date and location of spruce grouse sightings in the extensive trail network in the White Mountains. The data, along with previous reports of grouse distribution, was used to determine population locations, and how isolated they were from each other via valley bottoms of deciduous habitat. High elevation populations in the White Mountains are believed to be isolated because of the lack of coniferous habitat in valley bottoms. Further, high elevation populations likely occupy suboptimal reproductive habitat and harsh environmental conditions because temperatures are colder and snow lasts longer at high elevations than in valley bottoms.

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People in Place will lead you on an intellectual and experiential exploration of the place known as the Granite State: its geology and soils, its plant and animal communities, its natural history, its people, and its cultural history. Through presentations, discussions, narrated bus tours, walking tours, and hands-on exercises in engagement, participants will come to a broader and deeper understanding of the interrelationship between people and place.

For more information, contact the Office of Sustainability Programs at (603) 862-4088 or email jstadler@cisunix.unh.edu
brooding habitat relative to available habitat? I sampled various aspects of the forest structure and found that hens utilized areas with more canopy openings. These openings are crucial for brood success because chicks feed on insects and berries that are more common in open areas.

This research will hopefully be used to successfully manage and maintain spruce grouse populations in New Hampshire. The lack of traditional habitat and degree of isolation may impact population stability, and future research and monitoring will be required to maintain these charismatic birds in the mountains of New Hampshire.

News from UNH Cooperative Extension:

Women and the Woods: A Curriculum to Inform Women Woodlot Owners of the Issues and Options Involved in Owning Forestland

“Women and the Woods” is a collaborative project of the University of New Hampshire Cooperative Extension and the Department of Conservation – Maine Forest Service. It is designed to educate women woodlot owners on business aspects of woodlot ownership.

In New Hampshire, the project is coordinated by Karen Bennett, Extension Professor and Specialist in Forest Resources. Forester and UNH alumna, Beth McGuinn, wrote the curriculum. It has eleven modules and is designed to be used in part or whole. It includes: setting objectives; the stewardship concept; long term planning; estate planning including land protection; federal income and local property taxes; selling timber; working with professionals; liability issues, laws and other legal aspects of owning land; and where to go for help, including a glossary.

One of the goals of the project is to develop relationships with groups that are not traditional to forestry. They will be asked to be a program cosponsor and convene meetings in familiar settings. The curriculum will be packaged so that trained facilitators can use it one on one, with small groups, or in formal presentations. Workshops are being planned now.

To learn more about the project contact Karen Bennett at karen.bennett@unh.edu

Workshop
Caroline A. Fox Research and Demonstration Forest Institute
Fox State Forest ~ Hillsborough, NH
“Managing White Pine in a New Millenium”
October 9-10, 2003
8:00 a.m. - 4:30 p.m.

Oct 9
• A Regional Overview of the White Pine Resource
• Recognizing White Pine on Aerial Photos
• Emerging Pine Health Issues
• The Perfect Pine Log
• Choosing White Pine Crop Trees for Maximum Profits
• Efficient Sampling of White Pine Dominated Woodlands
• Inventory Considerations in Quantitative Silviculture
• A Structural Stocking Guide for Eastern White Pine
• White Pine and Wildlife

Oct 10
• Optimum Stocking of White Pine: It All Depends
• Low Density Management of White Pine Crop Trees
• Fire: A Prescription for White Pine Management
• Site Preparation Efforts to Establish White Pine on Variable Sites
• Planting White Pine
• Conifer Release Using Herbicides

This workshop is co-sponsored by Fox Research Forest, part of the NH Department of Resources and Economic Development, Division of Forests and Lands, Forest Management Bureau, Granite State Division of Society of American Foresters, U.S. Department of Agriculture, Forest Service, and UNH Cooperative Extension. For more information, contact Ken Desmarais (603) 464-3453 or Karen Bennett (603) 862-4861.

The Tally Sheet can be viewed online. Visit our Department of Natural Resources website at http://www.unh.edu/natural-resources/index.html

You can also respond to the Alumni News section on our form page at http://www.unh.edu/natural-resources/tallyform1.html

Please check it out--we’d love to hear from you. Last year’s response was great. Please feel free to send photos as jpegs as well. A few pictures will be a nice addition in the Alumni News. There are approximately 3,000 alumni in the Department of Natural Resources. It would be nice to hear from everyone.
Norman Wilder (FOR) M.S. Wildlife-Fisheries Management, University of Connecticut (’41), has retired after 56 years of service. Prior to becoming Director of the Delaware State Department of Fisheries-Wildlife, he worked for the State of New Hampshire and Connecticut Fisheries and Wildlife. He served four years in the Army, stationed in New Guinea, the Philippines, and Japan with the 5th Air Force. In addition to regular duties, he was Professor (adjunct) at the Universities of Delaware and Delaware State, and Wesley College. His wife, Ruth passed away in 2001.

A write-up in the UNH 2002 Spring Alumni Magazine reads as follows:
Norman Wilder, who has traveled 49 states and 15 countries, served as director of the Delaware State Department of Fisheries and Wildlife from 1948 to 1971, and as director of the Delaware Nature Society from 1971 to 1985. He was awarded an honorary doctorate in 1970 by Delaware State University, and 5000 acres of Delaware land was named the Norman G. Wilder Wildlife Preserve in his honor. He moved to the Carolinas, became a conservation leader and president of the Pacelot Area Conservancy, a nonprofit land trust organization. Just off Highway 176, 178 acres are named the Norman G. Wilder Forest. It is open to the public. Norman has now moved to 34 West Road, Bennington, VT 06201, to be near family.

Bill Jahoda (FOR) writes, “In 2002, up in Pittsburg, we bought a 46.8-acre wetland parcel that is between some of our present U.S. Forest Service FOREST LEGACY conservation easement land. We hope to put it into a conservation easement with the State, and have it included in the new NATURAL HERITAGE INVENTORY PROGRAM, dedicated to the concept of sustained biodiversity. Our family land in Pittsburg now forms an unfragmented, single, 430+ acre, forever-protected part of the great Northern Forest that extends from western New York State to eastern Maine; our Clarksville FOREST LEGACY easement land raises our total NH acreage to 488+. We also are in the process of developing a cooperative program with the Pittsburg school system to provide funding, from our U.S. Fish and Wildlife Service grant, for students to implement wildlife-enhancement projects on our FOREST LEGACY parcels.”

Bill sent along a photograph of a picture he took during the winter of 1939-40, over sixty years ago. He took the photo with his camera on a tripod and self timer, of himself and four other UNH class of 1941 forestry students. Left to right Bill Jahoda, Herman Scott, Bill Johnson, Roger Leighton, and Jim Barrett.
Bill writes, “Herman Scott of Pittsburg ended up in West Coast Weyerhauser forest operations. Bill Johnson, now deceased, was the son of First Selectman Arthur Johnson and Town Clerk Christie Johnson of Pittsburg; he became involved in NH forestry work. While a student at UNH, I met his sister, Margery (also a student there), and we were married while I was a pilot during WWII. It is her ancestral property in Pittsburg that became what is now our 450-acre FOREST LEGACY, conservation-easement protected, JOHNSON MEMORIAL FOREST. Roger Leighton became the N.H. State Extension Service forester, and I’m sure you know him well. We lost contact with Jim Barrett during WWII.”

1965

**Dave Eastman (FOR)** manages UNH’s 5-Finger Point on Big Squam Lake, as well as the “Old Bridle Path” on East Rattlesnake Mountain as UNH’s caretaker. SLA (Squam Lakes Association) continues to obtain grants for trail hardening improvements. Now in its 8th year, Dave’s radio show “Country Ecology” is broadcast four times weekly over WWWV-fm in Conway. The “Mountain Ear” newspaper features his column of the same name on bird habitat and species profiles, weekly. “OUTLAWS IN VIETNAM,” his helicopter warfare memoir, has been recently released through Peter Randall Publisher and is doing well on Amazon.com.

1972

**Peter Miles (FOR)**, on September 23, 2000, summited Mt. Katahdin, Baxter State Park, Maine and finished backpacking the 2,150 miles + of the Appalachian Trail from Springer Mtn., Georgia. Though not as a “thru-hiker,” all in the same year. In “72” he went 1,300 miles from Georgia to the N.Y./N.J state line and then halted to go to Colombia, S.A. with the Peace Corps. Turning 40 in “87”, he resolved to finish and became a “section” trapper. For the past 10 years (and onward) he is an AT “Trail adopter,” responsible for maintenance of a 5 mile trail section in Hanover, N.H. A “giving back” activity.

1973

**Pete Boucher (FOR)** has been a Paramedic in the western mountains of Maine for 15 years. He is employed by Franklin Memorial Hospital and is Backcountry Rescue Coordinator for the rural system which covers 1,600 square miles of Franklin and Somerset counties. He has been a Registered Maine Guide specializing in north woods ecology trips. His son, Jacob, graduated from Boston University in 1999 and now works for BU as Administrator in the Fine Arts Department. His daughter, Honor, is a senior at the University of Southern Maine, majoring in Business Communications. Pete is looking for the whereabouts of Earl Chase and Marty Curran…..

1976

**Scott Wells (FOR)** is employed as the North Zone Forester (purveyor of fine Appalachian hardwoods), on the Monongahela National Forest, involved in timber sale implementation, appraisals, and sales contracts on the north half of the Forest (approx. 400,000 acres). He also serves as District fire management officer and law enforcement coordinator. His latest adventure was working with the “gun-toters” to help successfully prosecute and send 4 timber thieves to federal prison for 4 years, for the theft of $250,000 worth of black cherry veneer logs.

Scott still wanders through Durham, NH a couple of times a year while visiting his mother in Newmarket. His daughter, Jennifer, lives in Barcelona, Spain. Matthew is in the Air Force currently in Saudi Arabia, and Caroline is going into her senior year at Ithaca College. Paul has traveled to Texas and to New Hampshire on his motorcycle, for Motorcycle Week in Laconia. He is actively involved in the youth ministry at his church in Monterey, VA. He is also recovering from a hunting accident that proved that gravity DOES work, breaks leg bones and destroys knees, after falling 25’. Sage advice…ALWAYS wear a safety harness when climbing trees.
1977

Laurence Clarke (FOR) writes, “With the acquisition of Champion in 2000 by International Paper, I continue to work in Coated Paper sales (now for IP). Selling primarily to direct publishers: National Geo, Hearst (Cosmo, Redbook, Good Housekeeping, etc.), Hachette (Elle, Premiere, Travel Holiday, etc.) and a few other magazine clients. After 5 years in the Timberlands division for Champion (‘80 to ‘85), I’m now entering my 23rd year with the same organization, primarily in paper sales! After 7 moves in 14 years, it’s nice to have set roots in the same place for the last 8 in Wayne, PA. My son, Matt (21), is a Geology Major at Hamilton College, entering his senior year. He spent 6 weeks in Colorado on a geology field study (and dodging forest fires!). Daughter, Lindsay (19) completed her freshman year at Wesleyan. Both are now in Belgrade Lakes Maine working as counselors/trip leaders at 100 year old Pine Island Camp.”

1978

Chuck Hugny (WL) writes, “After twelve years of being the high school science teacher in Tanana, Alaska, a Athabaskon Village of about 350, we moved to Nenana, Alaska two years ago. The good news is I’m still teaching science. Our two boys, Tobin and Emil (both age 14) are enjoying going to a larger school (Nenana village has about 500 residents) and they are on the road system. The bad news is that even though we are on the Tanana River and our home is on Little Goldstream Creek, we still miss the Yukon! We have to settle for three months of fish camp in the summer. Camp is located 87 miles down river from the Yukon River bridge. Drop by anytime between June 1 and August 1, just drop us a note and look for Larson’s Eddy. Sons, Tobin and Emil, were state Jr. High Champions for the second straight year in the cross-country/biathlon. Both boys are active in soccer, basketball, track, as well as skiing. My wife, Carrie Farr (’80 RE) has now 3 Yukon Quest dog race top 10 finishes under her belt. Since her first year running this 1,000 mile dog sled race, when she finished 13th and was named rookie-of-the-year, her lowest place has been 7th. Between Guiding, dog mushing, and carpentry, Carrie stays very busy. Would love to hear from any of the Class of 78 as to “What’s up!”

1980

Janis Larson (EC) writes, “After working for many years in education - both in the classroom and in various environmental education programs, I have settled into a totally different area and am enjoying it. I am the executive assistant to the Senior Minister at the First Unitarian Church of Portland, Oregon. The Unitarian Church is a voice for liberal religious exploration and for social and economic justice around the world. I am proud to be a part of this dynamic organization. I enjoy reading the UNH magazine as well as the Tally Sheet. I’m thrilled at all the fine environmental and conservation work still going on at UNH!”

1983

Carl Corning (FOR) is now self employed producing wood craft products that he sells at local fairs and farmer’s markets. His wife, Aimee (1984) is now teaching ROTC at Washington State and the University of Idaho. In one more year she will be retirement eligible from the Air Force. They have now lived in every region of the U.S. thanks to the Air Force, but still plan to move to northern Maine. They have loved the service. Carl would love to hear from anyone who knows the whereabouts of Austin Stokes (FOR ‘83) and family at Christmas and new year’s greetings from them all.

Debra Herman-Power (EC) writes, “After working from the coast of Florida to central Wisconsin, as a naturalist/educator/administrator, and with the senior citizens department in my county, I am currently working part-time as a substitute teacher in our local schools. I am a volunteer and co-founder of the Georgia Citizens for Integrity in Science Education, www.georgiascience.org. We are an active group of citizens, university professors, and business persons promoting a quality science education in Georgia.”

1987

Bruce Allen (FOR) says that his wife, Pat Shaw-Allen (WL ’87) is about to complete her PhD. If completed in time, they will be headed to Cincinnati, OH and an EPA Post-Doc. Bruce has been a research coordinator for the Wetland Plant Ecology group at the Savannah River Ecology Laboratory for 7+ years. They have a daughter, Abigail, who just celebrated her 3rd birthday.
1988

David Stone (FOR) has been working for the Virginia Department of Forestry for the last 9 years and since 1997 he has been the county forester for Louisa County. Dave writes, “We do a lot of different things, but of recent note, we have reforested more than 12,000 acres since 1997, have been working on local urban beautification projects (planting 2-3” caliper shade trees for the two towns in the county as well for the county on county lands). We’ve planted 165 trees as of last count with more to come. I got the process started and we received enough money to plant about $20,000 worth of trees in the last 3 years. I created the planting plan and trained folks how to plant and care for them. I have been working with the county government developing the Comprehensive Plan and developing new zoning and horticultural ordinances, fighting fire out West as well as in Virginia, and more. One thing about working for the VA Dept. of Forestry, you are never bored.”

1996

Chris Kelly (WL) is working as a Law Enforcement Officer for the U.S. Fish and Wildlife Service and is currently stationed out of the John Heinz National Wildlife Refuge, Philadelphia, PA. He and his wife, Catherine, have two sons, Collin (3 yrs) and Jack (1 yr).

1997

Michael Dolbow (FOR) spent about a year in San Diego and in October of 2000, settled into his current position as GIS Specialist for the Metropolitan Council in St. Paul, MN. Along with about a dozen other GIS professionals, he supports the Council in regional planning efforts for the seven-county Twin Cities Metropolitan area of Minnesota. The Council advocates Smart Growth for vital communities and a competitive region. It runs the regional bus system, collects and treats wastewater, manages regional water resources, and plans regional parks.

Mike writes, “While I am not working directly with Natural Resources anymore, I like to believe I’m still doing my part by supporting concepts like smart growth and the use of transit. The less people depend on their cars, the more we conserve precious natural resources!”

Mike and his wife, Robin, bought a house in St. Paul in December of 2001. They both ride the bus to work every day – a habit he picked up while living in Newmarket his last two years at UNH.

Iain Ward (EC) recently married a girl from his hometown of Middleboro, MA (who is also a UNH grad) and has settled into a job as the Farm Planner for the Plymouth County Conservation District in SE, Mass. The job entails working mostly with cranberry growers on water conservation and implementing other best management practices as well as certifying the bogs when EQIP and other FSA monies are involved. He works very closely with NRCS and is learning lots. Iain is also working with the Town Planner of Middleboro and the USDA on creating an Agricultural Commission, similar to those established in the towns of Dartmouth and Westport, MA (which have established considerable clout in only two years and have saved numerous farms from development.

Emily Beavers (EC) moved with her company to Atlanta, GA. She is consultant to the Federal Aviation Administration, the Air Force, and EPA. Her job includes the development of environmental management systems, performing compliance assistance, and writing environmental regulations for federal clients.

1998

Ben Applegate (FOR) is located along the upper Clyde River of Northern Vermont where he works for the Vermont Leadership Center, a private, non-profit organization located in Charleston, Vermont. The mission of the Center is to foster long-term stewardship of human and natural communities through activities that model and teach about ecosystem management on private lands, using a 3000-acre multi-ownership parcel as a representative demonstration site.
1999

Joshua Traylor (WL) writes, “After graduating, I migrated to Canada to pursue studies in waterfowl ecology. I recently successfully defended my MS thesis at the University of Saskatchewan, concerning Population biology of white-winged scoters at Redberry Lake, Saskatchewan and was even nominated for a “Best Written” thesis award. This summer (2003) I migrated further north to the Queen Maud Gulf Bird Sanctuary, the biggest game bird sanctuary in the world, in Nunavut, Canada. I got to conduct breeding bird surveys in June and saw a plethora of animals such as king eiders, pintails, musk ox, grizzly bear, peregrine falcons, tundra swans, and millions of geese! In September I will be starting my Ph.D. at the University of Saskatchewan and will focus on snow and ross’s geese. I will be back in New England at the Wildlife Society Conference in Burlington, VT and will hopefully run into some familiar faces. Lastly, I also got accepted to give a talk at the Euring Conference (premier conference concerning mark-recapture estimation methods) in Germany, so I am looking forward to my first visit to Europe.

My twin brother Jason (WL ’99) and his wife had their first child in April 2002. Jason is happily employed at Pfizer in Connecticut.

2000

Jillian Kelly (WL) is a biological technician in the Nongame and Endangered Wildlife Program at N.H. Fish and Game’s Region 1 office in Lancaster, NH. For the past year and a half she has worked to monitor and protect many nongame species, such as the osprey, bald eagle and peregrine falcon. Besides threatened and endangered birds of prey, Jillian is involved with a wide variety of species, often working with other agencies and organizations on projects involving songbirds, bats, dwarf wedgemussels, pine marten, spruce grouse and northern harriers.

Alison Bowden (WaRM) is a Stewardship Ecologist for the Nature Conservancy Massachusetts Chapter. She works statewide on conservation planning for watersheds and aquatic resources, coordinates volunteer monitoring of coastal plain ponds, plus a great variety of general ecology and stewardship activities.

Matthew Barrett (MS EC) is GIS Program Coordinator for the historic Town of Concord, MA. Concord began a GIS program just a few years ago but has come a long way in that short time. Their WebGIS page is located at www.concordnet.org and click on the “Concord WebGIS” link! You can search for property and turn off and on different GIS layers of interest. Previous to this position, Matt worked for the Strafford Regional Planning Commission in Dover, NH as Sr. GIS Analyst. Matt reports that his former undergrad roommate (for 2 years), Mark Toussaint EC-Affairs ’96, now has two children. Ben is three and Cristal was born just a few months back. Mark is the Director of Wastcap of New Hampshire in Concord, where he interned.

Ryan DeSantis (FOR) finished his last few months in Bulgaria in August 2002. He then traveled on to Romania, Turkey, Croatia, into Slovenia and Northern Italy. Around mid September he arrived back in Boston. Ryan is interested in going on to grad school but, for the meantime, will look for a job to gain more experience in the field.

New Publication:

“2003 Workshop Proceedings: Using Fires to Control Invasive Plants” summarizes research that answers the question, “What’s new and what works in the northeast?” Dr. Mark Ducey, Associate Professor of Forest Biometrics and Management, contributed a paper to these proceedings. It is available at the UNH Cooperative Extension Forestry Information Center at forest.info@unh.edu or 1-800-444-8978.
Yes! I would like to contribute to the Department of Natural Resources. My tax-deductible contribution of $10 □ $15 □ $25 □ $50 □ is enclosed. (Please make checks payable to UNH and mail, along with this page, to the Department of Natural Resources, 215 James Hall, University of New Hampshire, Durham, NH 03824.)

Thank you!

Visit the EcoQuest Web site at http://www.unh.edu/natural-resources/ecoquest.html
Nature changes. So, rather than preserving natural objects, National Park officials dedicate themselves to protecting natural processes.

On a still day, a Giant Sequoia can topple over. Two to three thousand years of life ending in seconds! A decade ago I framed a two-hundred-year-old ponderosa pine in a photo of Yosemite Falls. Last year my brother framed me standing on the fallen tree in a photo of one of the most beautiful scenes on earth.

On my many years sauntering around Great Bay at Adams Point, I enjoyed visiting a huge white birch that stood by the shore. I framed the tree in a photo of two nearby islands. About a decade ago I discovered, with a saddened heart, that the great birch had fallen. Still, I could enjoy sitting on the trunk by the shore. On a recent spring ramble I couldn’t find any sign of the birch. Gone. Washed away by the tides. All gone -- as if the great birch never existed.

Still, it was a delightful day with so many colors -- big puffy white clouds, the deep blue sky, the bright green grass, the blue-green waters, white apple blossoms, trees unfurling their leaves in red, yellow, and green. Birds welcomed me on that spring day. Nature changes - timeless beauty remains.

I knew the “Old Man of the Mountain,” who gazed down on Franconia Notch for centuries, had been supported by cables for decades. Yet, I might have wondered how long much of that massive quantity of rock could be suspended in space, but didn’t. Just as the sun rises in the east, I could count on the Old Man gazing down into first light in the notch.

Like many others, I was shocked to learn that, on a spring night, the Old Man collapsed into indistinguishable rubble. We felt the loss of an old friend. Still, the Old Man is survived by the timeless beauty of Franconia Notch. Let’s have the wisdom to protect and enhance that beauty.

James Barrett
Professor Emeritus

www.unh.edu/natural-resources/index.html