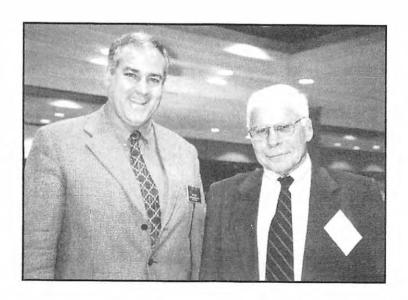
****Allegheny News



Allegheny Society of American Foresters **Winter 2003-04**



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The Allegheny News

Volume 12, No. 4

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The mission of the SAF is to advance the science, technology, education, and practice of professional forestry in America and to use the knowledge and skills of the profession to benefit society.

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and Division Chairs Inside Back Cover

Cover Photo

Mt. Alto receives another PA Historical and Museum Commission Marker. See page 18 for details and story.



Chairman's Corner

By Ken Kane Allegheny SAF Chair

I find it hard to believe that this is my last column of the Chairman's Corner. The two-year term of Chair of the Allegheny Society has passed quickly. The two years have provided many positive memories of working with truly great professionals and volunteers involved in SAF and the very successful meetings in Hagerstown, Gettysburg, Williamsport, and State College; three insightful House of Society Delegates Meetings and memorable round trips to Denver, Winston-Salem, and Buffalo for national conventions.

The term had some low points also, especially losing our Vice-Chair Bob Bauer just one year ago. Bob's positive influence will continue to be seen for a long time. Bob's passing forced an election of all new leadership this past fall. The Allegheny Membership rose to the challenge and elected three of the best officers to lead this society. They are Kenneth W. Jolly, Chair; Kim Steiner, Chair Elect; and Rachel Billingham, Secretary/Treasurer. It is comforting to know that the Allegheny will have better leadership than what I provided for the past two years. I say this with the experience of working with Kenneth Jolly as our Secretary/Treasurer; Kim Steiner as Penn State Student Chapter Advisor, National Accreditation Committee member, and Allegheny Quiz Bowl leader; and Rachel Billingham as Treasurer for the Keystone Chapter and Coordinator of the Gettysburg summer meeting.

The executive committee will be comprised of experienced SAF leaders. They are Mary Ann Fajvan, Jack Perdue, Ned Karger, and Roy Siefert. This executive committee will help our new officers in moving our profession and society forward.

As the Allegheny moves forward it is also time to reflect back on the goals set for the past two years. You may recall the three rather simple goals set in my first *Corner*. They were:

1) Make the Allegheny financially solvent (Continued on page 2)

(Continued from page 1)

2) Increase the Educational Endowment Fund

3) Increase the Executive Director stipend

I feel it my responsibility to report on the status of these three goals. The Allegheny has published all quarterly newsletters over the past two years and is currently operating in the black. This was accomplished by effort on everyone's parts and the generosity of all the chapters sponsoring successful meetings. The Allegheny just recently received generous contributions from both the Rothrock and Keystone Chapters as a result of the past two summer meetings. We must all continue to attend our semi-annual meetings.

The Education Endowment Fund is now over half way toward the new goal. We have just completed setting up an account with Merrill Lynch to allow the Allegheny the receipt of securities at current value without the donor paying capital gain taxes. This is a great opportunity to give a security and receive a significant tax benefit. My thanks to Ron Sheay and the non-adhoc committee for their work.

The Executive Director stipend has not been increased. We all realize Jack does not do the job for the money. However, we need to show how we appreciate the position and the person by raising the compensation. We were able to provide Jack a bonus last year through a generous donation. We should visit this topic at our upcoming winter meeting.

As many of you know, the Allegheny Society has been discussing the possibility of hosting a National Convention. Many of us from the Allegheny were approached during the recent National Convention in Buffalo on hosting the National Meeting in 2006.

Kenneth Jolly and I just received a letter from Michael Goergen offering the National Convention to the Allegheny in Pittsburgh, Pennsylvania in 2006. We have not officially replied. A meeting of the outgoing and incoming executive committees is trying to schedule a time to meet in early January to discuss this important topic. Many of us from the Allegheny were hoping to host the meeting in Hershey, PA, which is not feasible at this time. The Allegheny has not hosted a National Meeting in over thirty years. We will keep everyone informed through The Allegheny News.

In closing, I thank all the members for the opportunity to serve and also for all the support received as Chair of the Allegheny Society over the past two years. Let's all continue to strengthen our profession and society through our leadership in forestry.

To Allegheny Foresters

I want to take this opportunity to thank all Allegheny foresters that took the time to vote in the 2003 National SAF vice-presidential election. The number Allegheny SAF members voting was almost twice the number which has been cast in past elections. Of the 850 potential votes in



the Allegheny just over 500 members voted. I want in particular to thank Frank Hennion, Earl Higgins, Glen Juergens, Ron Sheay, Roger Sherman, Kim Steiner, Jack Winieski and all the rest of the membership who helped to get the vote out. I also want to express my appreciation to the SAF members across the country who have called to wish me well and encouraged me to give it a go next year. As far as the national vote count goes, I held my own across the county except in California, Oregon and Washington. Regardless, I am confident that SAF is in good hands, knowing the leadership skills of John Helms.

I am looking forward to the Allegheny Winter meeting in hometown Dover, Delaware February 18-20, 2004 and the summer meeting in Snowshoe, West Virginia. See you there! I hope you had a great holiday season and I sincerely wish you and your families a prosperous new year.

Thanks again, Tim Kaden

2003 Elected Allegheny SAF Fellows

Bruce B. Brenneman of West Virginia, James C. Finley of Pennsylvania, Water R. Rossman of Pennsylvania and Susan L. Stout, also of Pennsylvania, members of the Allegheny SAF were all elected Fellows in the recent fall vote. This is the highest recognition from one's professional peers, and is limited to less than 5% of the 17,000 National SAF members.

They, along with other award recipients, will be recognized at the Annual ANSAF Winter Meeting in Dover, DE, February 18-20, 2004 (more on their individual career accomplishments in the Spring issue of *The Allegheny News*). Congratulations!

Allegheny SAF Educational Endowment Fund Update

By Ron Sheay, Non-Ad hoc Coordinator

The growth of our Allegheny SAF Endowment Fund appears to be like forest growth in the winter months – dormant! Since the report in the fall newsletter, the Fund has received eight contributions totaling \$825, bringing the total to date to \$19,015 – approaching the halfway mark of our \$40,000 goal by 2005. Contributions should pick up by the next reporting date however, as solicitation letters will soon be in the mail to the West Virginia Division and Golden Members.

Individual contributors since the Fall issue of The Allegheny News include:

Judson Bennett	NJ	Dave Edelman	NJ
Rick Bentz	NJ	Glen Gladders	DE
Eric Carlson	MD	Jeffrey Kochel	PA
Warren Doolittle	VA	George Koeck	NJ

Total contributed \$ 825 Contributions received to date \$19,015

If you haven't gotten around to committing to our long-range goal of internal and external educational outreach efforts, you may do so by sending your tax-deductible donation to me, Ron Sheay, 12 Glenwood Lane, Stockton, NJ 08559. Any questions, call me at 609-397-7886. Keep in mind that the Fund Charter allows only the interest earned from the Fund to be used for educational purposes over the years.

Thank You

This note is to express my appreciation to the membership of the Allegheny SAF for electing me to the office of Chair for the 2004-2005 term of office. I am honored to have the privilege of serving in this role, and look forward to fulfilling the duties and responsibilities of the position. We have a wealth of knowledge and experience in the Allegheny Executive Committee and our division and chapter leadership. I eagerly anticipate working with these leaders in continuing the progress made over the past two years under the leadership of Ken Kane and the cooperation of the many member volunteers. I hope we can continue that spirit of cooperation in the pursuit of existing and new challenges for the profession and the Allegheny SAF membership.

Kenneth Jolly

Allegheny SAF Election Tally

By Susan L. Stout

As Chair of the Tellers Committee for the 2003 Allegheny Society of American Foresters elections for Chair, Chair-Elect, Secretary/Treasurer, and Executive Committee, I received 101 ballots. Audrey Mader and Betty Confer in this office assisted with the tally and verification of the following election results (elected candidates listed in bold):

For Chair: Kenneth W. Jolly - 66 votes

Glen A. Juergens - 33 votes

For Chair-elect: Kim C. Steiner - 57 votes

Stephanie Brown - 40 votes

For Secretary/Treasurer Rachel R. Billingham - 94 votes

For Executive Committee: Mary Ann Fajvan - 87 votes
Ned R. Karger - 73 votes

Roy A. Seifert - 57 votes

Jack L. Perdue - 48 votes

Howard Wurzbacher - 47 votes

Susan E. Lacy – 44 votes Frank J. Hennion – 38 votes

Respectfully submitted, Susan L. Stout Chair, Tellers Committee November 10, 2003 Irvine, PA

Next newsletter deadline is March 15, 2004

Send articles in the form of Microsoft Word documents and photos as 300 dpi JPEG files and e-mail to:

ansaf@paonline.com

Fourteen Foresters/Twenty Trees/ Number Fourteen

By R. Alexander Day, CF, PA DCNR Bureau of Forestry Tree Nurseries

Foresters as a rule are always looking to the future in their endeavors; planning, calculating, modeling and dreaming of ways to improve the forests they oversee for future human generations. Enter tree geneticists, with a seed orchard plan to provide improved and more reliable tree seed sources for State tree nurseries.

So, in the early 1960s, a group of fourteen foresters were given the task of scouring the hills and valleys of Pennsylvania, as well as parts of Maryland and New York, in search of the most perfect, mature, Eastern white pine trees for use in a tree improvement project. From Cooperstown, NY to Clearfield, PA to Ashton, MD and other interim locations, these fourteen foresters identified the best-of-the-best, wild white pine trees in their regions.

Subsequent collecting trips to these selected pines yielded pencil-sized branches, scions, which were then grafted onto white pine rootstocks. These white pine grafts -seedling size - were planted in a seed orchard, which eventually began to produce valuable seeds within 10 to 15 years.

O.L. (Jim) Mulhollen was one of those foresters who selected a particularly outstanding white pine in Clearfield County, Pennsylvania that was used in the (then) Department of Forests and Waters tree improvement program. Together with nineteen other most perfect, wild specimens, this Clearfield County white pine is today genetically represented in the bureau of forestry's twenty-clone seed orchard at Penn Nursery near Potter's Mills, PA. Assigned number fourteen, and replicated fifty times, this orchard of

1,000 very special white pines has produced over 2000 pounds of seed since production began in 1974. Thanks to the efforts of lim Mulhollen and thirteen other foresters, the nursery now has ample. continuous, and Pennsylvania greencertified supplies of white pine seed for years to come.



Dick Rossman (left) presents plaque to Orange L. "Jim" Mulhollen

As a small token of thanks for locating and selecting his specimen tree number 14, Jim was recently presented with an inscribed plaque that noted his participation in Pennsylvania's tree improvement program, and expressed the Department's deep appreciation for his efforts in locating that magnificent Clearfield County white pine over forty years ago. His immediate and extended family were present at the presentation and grandchildren were given a packet of white pine seed from the orchard which they plan to grow and plant on their properties! Thank you, Jim!

Friends may contact Jim at 2307 James Buckhannon Drive West, Masonic Home, Elizabethtown, PA 17022-3174

In Memoriam

Harry W. Staley, 61, Consulting Forester of Taneytown, MD, and a 36-year member of SAF, died November 26, 2003. Harry was actively involved in SAF throughout his professional career, serving terms as the MD-DE Division Chair and Secretary/Treasurer, as well as an active participant on several MD-DE planning committees for field tours and professional meetings.

Harry received his BS in Forest Management from Virginia Polytechnical Institute in 1966, and began his forestry career with the Maryland Department of Natural Resources the same year, serving as the Carroll County forester from 1966-1972, and from 1972-1976 serving as Supervisor of Support Operations in the Annapolis headquarters office. From 1976 to 1990, he was co-owner of E&E Trees, Inc., a consulting forestry and commercial nursery firm, and since 1990 he was owner of Forestry Concepts, his own forestry consulting company, practicing forestry in MD, WV, PA, and VA.

An elected member of the Board of Governors of the Maryland Forests Association, Harry was actively involved in the Maryland Master Logger program, helping to teach the Forest Management portion of the core program. He was a frequently invited speaker to address forestry topics at a variety of meetings, including several MD-DE SAF Meetings, the Mid-Atlantic Forestry Seminar, and Chesapeake Bay Forestry Workgroup. He was presented the Allegheny SAF Outstanding Service to Forestry Award in 2001 for his distinguished professional achievements.

He attended Grace United Methodist Church, and was a member of the National Christmas Tree Association, and the Maryland Farm Bureau, to name a few.

Councilman's Corner

By Mike Lester, SAF District VII Representative



Congratulations are always a good way to start off a column, so let me start off by congratulating our new Fellows from the Allegheny SAF. They are Bruce Brenneman, Jim Finley, Walter Rossman, and Susan Stout. This is a tremendous group well deserving of this honor. I would like to point out that Susan Stout is the first female member of the Allegheny (at least to my knowledge) to be elected Fellow. The demolishment of that barrier was long overdue.

Further congratulations go to Kenneth Jolly as Chair, to Kim Steiner as Chair-elect, and to Rachel Billingham, who is our new Secretary-Treasurer. Our new Executive Committee members are Mary Ann Fajvan, Jack Perdue, Roy Siefert, and Ned Karger. The Allegheny continues to be in good hands with this caliber of leadership.

I would also like to congratulate John Helms for his election to Vice-President of the Society of American Foresters. This was a tough race for those of us in the Allegheny,

since we had a pretty good horse in this race in Tim Kaden. And in fact Tim carried 6 of the 11 Council Districts. However, I think everyone realized that this was a race that SAF couldn't lose, given the quality of both candidates.

I would like to talk about three of the topics that were thoroughly discussed at our last Council meeting on December 6 and 7, 2003. The first is the 2004 Strategic Plan for SAF. Council developed the first Strategic Plan about four years ago. It was an attempt to provide some focus and also to ensure that SAF was working on programs and projects that were consistent with our Mission (found in every issue of the *Journal of Forestry* and the *Forestry Source*). In the years since that first Strategic Plan, the House of Society Delegates, the Forest & Science Technology Board, and the Committee on Forest Policy have discussed each subsequent version.

The 2004 version is in many respects a product of a fair amount of feedback. This version is an attempt not just to set priorities for the National Office, but also to provide a framework that can be used by State Societies, Divisions, and Chapters. The purpose is not to tell local units how to run their programs. Rather, it is a set of overarching guidelines that we can choose to use to help us run more effective programs and projects for our members. Currently, there are six outcomes. For our planning purposes in the Allegheny, we may choose to use only a subset of the outcomes. We might even develop a new one if we feel there is a strategic need that is not currently being met. I know that having these types of tools would have been helpful to me when I was the Pinchot Chapter Chair and the Allegheny SAF Chair.

I think that John Helms put strategic planning into perspective when he said, "The objective of strategic planning is to ensure that SAF continues to develop as a forward-thinking organization that meets member and societal needs. It translates our Mission into action areas, provides tangible linkage among units, and is a means by which we can address the question of how well we are doing as an organization to meet our common goals".

The next topic is one that you have heard quite a bit about and that is membership. As a National organization, we are trending towards losing 375 members from last years total. The loss of any member is something to rue, and 375 gives us room to reflect. The National Office has been querying those that are letting their memberships lapse and some of the responses are interesting. Two of the most interesting are that SAF is moving too far toward the environmental movement and that SAF is aligning itself too closely with industry. This calls for what I've termed the Umpire's criteria for success. If both ends of the continuum think you're biased toward the other side, you must be doing something right or are, at the very least, balanced.

I think that most of you who are reading this understand what the benefits of membership in your professional society are, and if you're not we'll save a little room in this edition of the *Allegheny News* by pointing you toward the SAF website. Under the section Who We Are, there is a link for Membership Benefits, which does a nice job of summarizing how important SAF can be for you.

And I would be remiss if I didn't point out that the Allegheny has actually gained two members over last year. Before we pop too many champagne corks, that's a 0.2% increase, but it's an increase never the less.

And finally, the 2004 SAF Leadership Academy will be held at the Lieds Arbor Day Center in Nebraska City, Nebraska from May 22-25. As I have said before, this is the finest leadership training that I have ever received, and this year the Academy will be more open than ever before. The emphasis will be on training the leaders of the State Societies, State Divisions, and Working Groups. However, Chapter Chairs and other folks who are developing leaders are welcome and encouraged to apply. Sending an employee to the Leadership Academy would be a very astute move by any agency or business that wants to provide an excellent opportunity for leadership development and training. I hope to see many of the leaders in the Allegheny SAF in Nebraska City in May.

Well, that does it for my ramblings for this edition of the Allegheny News. Take care and Carpe Diem.

PA & WV Teams Score Well in 4-H Forestry Invitational

By Robert S. Hansen, D.F., Extension Educator – Forest Resources, Penn State Cooperative Extension

Several 4-H "Foresters" from Pennsylvania and West Virginia participated in the 24th annual National 4H Forestry Invitational held at the Jackson's Mill 4-H Conference Center near Weston, WV from July 27 through July 31. The teams competed with 14 states at the four-day event sponsored by the International Paper Company Foundation and the Cooperative Extension Service. The team from Pennsylvania placed second followed closely by the team from West Virginia in third.

Carissa Ganong of Millerton, Kristina Johnson of Warren, Luke Petre of Lewisburg and Kyle Wilson of Russell represented the Pennsylvania team. SAF members David Miller and Robert Domville of Warren, PA, coached the team, assisted by Debbie and Ray Beisel from Clymer, PA assisted in coaching and acted as chaperones.

Bryan Dilley and Nicole Wilfong both of Dunmore, WV, Curtis Helton of Marlinton, WV, and Craig Hamons of Droop, WV represented the West Virginia team. Mike Burns of Marlinton, WV, coached the team. The assistant coach/chaperone was Mary Sue Burns.

The team from Alabama took top honors at the Invitational - Holly Cordner captured the high-point individual award; Amanda Luker second, and Brittany Brown placed third. Nicole Wilfong placed 4th, Kristina Johnson placed 5th, Curtis Helton placed 6th, and Luke Petre placed 8th with their individual scores. Daniel Gordon of Georgia received the Joe Yeager leadership award given to the individual who demonstrated excellent communication, management, decision-making and interpersonal skills.



Pennsylvania Team (left to right): Assistant Coach/Chaperone Debbie Beisel, Ray Beisel, Team Members Luke Petre, Kyle Wilson and Carissa Ganong, Assistant Coach Robert Domville, Team Member Kristina Johnson, and Coach David Miller



West Virginia Team (left to right): Team Members Nicole Wilfong, Curtis Helton, Coach Mike Burns, Team Members Craig Hamons, and Bryan Dilley

At the Invitational, students compete for overall team and individual awards in tree identification, tree measurement, forest health (forest entomology and forest pathology) compass traverse, topographic map use, forest evaluation, and the Forestry Bowl, a fast paced event fashioned after popular television quiz shows.

Teams representing each state are chosen at state 4-H forestry competition events. 4-H is the youth education program of the Cooperative Extension Service of the U.S. Department of Agriculture and the state land grant universities. More than five-and-one-half million youngsters participate in 4-H and nearly 100,000 are part of the 4-H Forestry Program.

The International Paper Company Foundation, which was founded in 1953 as a philanthropic grant-making organization, primarily addresses existing and emerging educational needs, as well as civic needs within the communities where International Paper has operating businesses. The Foundation also supports those organizations where employees actively volunteer. For more information on the National 4-H Forestry Invitational you may contact Dr. Robert Hansen at (570) 265-2896, rsh7@psu.edu or Mr. Brian Chandler at (225) 683-3102, bchandler@agctr.lsu.edu.

"Trees" and "Shrubs & Vines" of NJ Publications Available

The Resource Education Center of the New Jersey Forest Service offers two excellent field guides to the identification of New Jersey and Mid-Atlantic flora published in 2002. Entitled "Trees of New Jersey," and "Shrubs and Vines of New Jersey," each publication illustrates basic leaf, flower and fruit types with line drawings, a glossary of terms and locator keys to species. Individual species descriptions include an expanded guide format, with botanical name meanings and a short discourse on associated species in habitat communities. The inclusion and discussion of both native species of concern and invasive species is an especially valuable feature of these two guides.

Vertically spiral bound, about 10" x 5" with water resistant covers, it is easily carried and handling friendly in field conditions. Perfect for outdoor and wildlife enthusiasts, students, educators, and resource professionals, it is a bargain at \$10 each post paid. Illustrated descriptions of 150 tree species and 200 shrubs and Vines for \$20... VA VA VA VROOM!

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The Fall 2003 Roach-Bauer Forestry Forum

(An abbreviated article extracted from the Kane Republican report by Anne Smith)

Approximately 90 people attended the October 9, 2003 Roach-Bauer Forestry Forum, entitled "Acid Precipitation, Forest Soils, and Forest Health" at the Kane Country Club, in Kane, PA. The assembled group represented many segments of the forestry community and public interested in a current assessment of the interactions among the geology, forest soils, and acid deposition, with a focus on northern Pennsylvania sugar maple problems.

Three speakers from the USDA Forest Service provided data (mainly focusing on the affects of acidic deposition and nutrient depletion) compiled from various studies to enhance understanding of factors that affect the growth and health of forest stands.

Dr. Mary Beth Adams, Soil Scientist and Project
Leader with the USDA Forest Service at Parsons,
West Virginia started the evening program with a
power-point presentation detailing results from a
research project on the affects of acidic deposition on the
Fernow Experimental Forest in Parsons.

Dr. Scott W. Bailey, Research Geoecologist, USDA Forest Service, Northeastern Research Station at Campton, New Hampshire, built upon Adams' presentation. He showed data from a study on base nutrition and the affects of calcium and magnesium depletion – one of the results of soil acidification.

Results from both of these research studies were taken a step further by Dr. Stephen B. Horsely, Research Plant Physiologist with the USDA Forest Service Northeastern Research station, in Irvine, Pennsylvania. He discussed stress factors contributing to the declining health of sugar maple trees on the Allegheny National Forest and some results from a long-term research study involving the application of dolomitic limestone plots in declining stands. He showed a correlation between low soil levels of necessary minerals (calcium and magnesium



Drs. Stephen Horsely and Scott Bailey listen as Dr. Mary Beth Adams addresses those in attendance at the Ben Roach Forum

in this case) and measurable tree responses related to growth, and seed production.

In the question and answer session that followed, many suggestions relative to the management of stands under stress from depleted mineral nutrition and insect attacks were offered by the speakers.

The Roach-Bauer Forum is held bi-annually and was initiated in 1984 by members of various public forest agencies, private forest industries and professional forestry organizations to address issues related to the forestry community.

(As an aside to the scientific presentations at the October Forum, \$200 was raised for the Bob Bauer Scholarship Fund at Penn State University. SAF member Lou Auchmoody donated 40 gallons of apple cider – pressed that same day – from his orchard, huckstered before the program by Jack Winieski, Roy Siefert, and Howard Wurzbacher).

Penn State's Forests' Website Updated

By Brent A. Harding

The Penn State Forestland Management Office and the Penn State College of Agriculture Web Coordinators have recently completed a revision of the Forestland Management Office's website. The revised site uses narratives, flow charts and images to explain the Office's operations, projects and opportunities.

Visit the website directly at http://psuforestmgmt.cas.psu.edu/ or access it through the School of Forest Resources website at http://www.sfr.cas.psu.edu/, it can be located at the School's site under the Fast Link "Centers, Programs and Forest Lands."

First Ibberson Forestry Forum

By Dr. Henry Gerhold, Penn State University School of Forestry

The first Ibberson Forestry
Forum, sponsored by the Penn State
School of Forest Resources and The
Pennsylvania Forestry Association
(PFA), was held October 30, 2003.
The forum was made possible
through financial support of the
Joseph E. Ibberson Endowment
Fund and the Henry Chauncey
Endowment Fund. Over 100
attendees included private forest
landowners, industrial foresters,
consultants, state agency foresters,
and university students and
professors.

In the morning session they heard Will McWilliams, USDA Forest Service, speak on "Pennsylvania's Wood Supply and Threats to Productivity". Forest inventories have documented that the state's sawtimber volume has quadrupled over the last 50 years, though 18%

of landowners never intend to harvest their trees. Threats to productivity include urbanization, regeneration problems caused especially by deer, and invasive plants, insects, and diseases.

The panel discussion that followed, by Jack Byerly, PA Game Commission; Ray Hicks, Division of Forestry at West Virginia University; Larry Hutchins, a forest landowner; Ken Kane, Consulting Forester; and Blain Puller, Kane Hardwoods; elaborated on problems of productivity and forest management, and ways to solve

them. The deer problem was emphasized, and, interestingly, many southern states have maintained reasonable deer herds with much longer hunting seasons and the



Speaker Will McWilliams



Speaker Keville Larson

requirements of killing several does before a buck can be taken. Most timber sales are made without involvement of foresters, whose technical expertise could greatly increase productivity of forests and benefits to their owners.

The major speaker in the afternoon session was Keville Larson, Chairman of the Board of Larson & McGowin, Inc., who





Harry Wiant, Jr. (Ibberson Chair), Joe Ibberson and Lloyd Casey, PFA

spoke on "Protecting Private Property Rights of Forest Landowners." He described privately owned timberlands as the main strength of American forestry, as they yield 59% of the harvested timber while also providing personal and societal benefits. The amount of growth is 47% greater than the timber removals, and both quantity and quality are improving as more land owners adopt best management practices.

The subsequent panel discussion by Marion Deppen, a forest landowner; Michael Jacobson, Penn State School of Forest Resources; Marc Lewis, Dwight Lewis Lumber Company; and Robert McColly, Consulting Forester; stressed the necessity of strong property rights for a vigorous free enterprise system. Unfair property taxes and inheritance taxes were regarded as disincentives to sound, sustainable forest management. Proliferating government regulations at the local and state levels were also seen as a serious problem. Among the recommendations were reforms of tax laws and local ordinances, increasing educational efforts, and collaborating with natural resource agencies.

Attendees were enthusiastic about the program speakers, panels, and discussions, and many expressed interest and ideas for the Ibberson Forestry Forum next year.

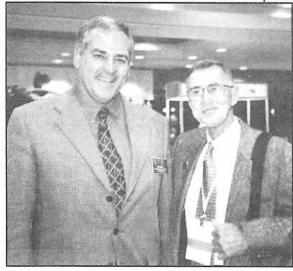
Society of American Foresters National Meeting Photos





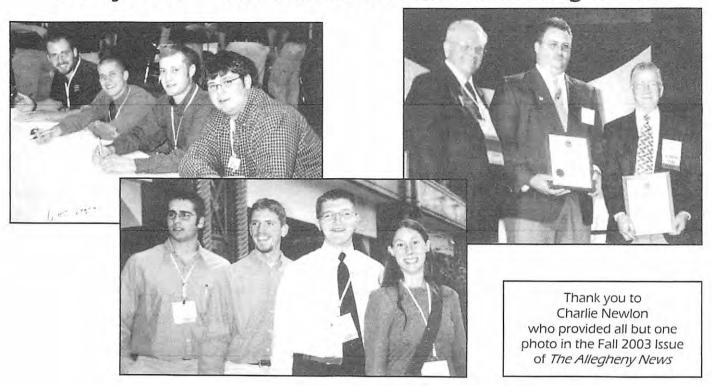








Society of American Foresters National Meeting Photos



Pennsylvania's Third Elk Hunt

By Roxane Palone, Allegheny SAF and PA Game Commissioner

In a public drawing from a field of more than 26,500 entrants, 100 hunters were awarded licenses to participate in a unique hunting opportunity. The hunt is a credit to the PA Game Commission's wildlife management program while showcasing the state's rich hunting heritage. The 100 hunters took 68 elk, 18 antlered and 50 antlerless.

The elk license allocation for the 2003 elk hunt was designed to accomplish four things: stabilize the range-wide elk population; permit elk hunting in all elk management units; target elk-human conflict areas with hunting pressure; and decrease the hunting pressure on branch-antlered elk.

On November 10, Janet Gruber, of Ellwood City, Lawrence County, became the first woman to harvest an antlered elk during an established season. She took a 7x6 antlered elk with an estimated live weight of 706 pounds,

and was assisted by two female guides of Hicks Run Outfitters. Commissioner Roxane Palone was at the Moshannon Forest District elk check station of the Bureau of Forestry when the elk was recorded. On November 11, Lori Lowry, Nescopeck, Luzerne County, took an impressive antlerless elk with an estimated live weight of 585 pound. Vernon Ross, PGC Executive Director commented, "These women hunters and guides are positive proof that hunting isn't necessarily just a 'guy thing'." The youngest hunter to take an elk in the one-week season was Matthew Klingensmith, 15, of Leechburg. Westmoreland County, took an antlerless elk with an estimated live weight of 547 pounds on November 10, 2003.



Pictured are PA Game Commissioner Roxane Palone, elk harvester Janet Gruber, Cody Frank and Janet Colwell Photo courtesy of Hal Korber, PGC photograher

Landowners Learn About Forest Regeneration Practices

By Dave Jackson, Forest Resource Extension Agent, PSU Cooperative Extension

Penn State Cooperative
Extension in Cooperation with the
Pennsylvania Bureau of Forestry held
a workshop for forest landowners on
Saturday, September 6, 2003. A
dozen landowners turned out to
spend a half day touring various
locations on the Clear Creek State

Dave Jackson shows the group what to look for in order to determine if you have high deer impact

Forest in Northern Jefferson County. The workshop was led by Dave Jackson, Extension Forester, Penn State Cooperative Extension-Centre County and Gary Gilmore, Service Forester, Bureau of Forestry. The main theme for the day was regeneration establishment and tools needed to actually implement management practices.

The group met at the Jefferson County Conservation District office and after a brief introduction by Dave Jackson the group loaded up and headed for the State Forest. At the first stop Gary Gilmore gave an overview of the history of the forest and how the present day stands of timber became established following the railroad logging era and past wildfires. The first stop was also used to highlight competing vegetation and the problems it can cause in the establishment of regeneration. Here participants learned how to identify the various types of competing plants, how they became so well established, and why they are a concern for the

establishment of regeneration. A number of control measures were also discussed and demonstrated at this stop including an axe frill demonstration by Gary Gilmore on red and striped maple. Dave Jackson went on to discuss a number of other herbicide treatments including foliar

treatments for fern control and basal stem applications.

This particular site had also been prescribed burned as a research project to see if burning could be used as a tool to help in the control of striped maple. Gary Gilmore discussed some of

the research findings, informing the group that the understory burn was successful in eliminating about 30% of the striped maple stems.

A second stop was made at a site that had the fist stage of a shelterwood harvest completed a number of years ago. However, the stand had never been fenced. This site was used to help participants understand the impacts that deer can have on regeneration success and to teach them how to recognize high deer impact.

Dave Jackson also showed the participants how to identify deer browse, and went on to discuss deer food preferences, and control measures such as fencing and the importance of harvesting antlerless deer. The new Deer Management Assistance Program was also brought to the participants' attention

as a tool they can use to help them attain more antlerless deer tags for their property.

A third and final stop was made at a "group shelterwood" harvest. This type of mini shelterwood cuts scattered throughout a larger stand of timber, is a practice very applicable for small ownerships.

The area behind the deer fence had head-high cherry, oak and maple regeneration. The concept of shade tolerance and how it relates to types of even-aged management was introduced along with shelterwood harvests.

Dave Jackson summed up the workshop by stating, "If you control *Competing* vegetation, reduce *Deer* impacts, and take into consideration the *Light* preferences of the species you will be more successful in establishing desirable regeneration. All of which can be summarized by the simple acronym CDL." This, Dave informed the group, was something he picked up from Joe Harding, Manager of Penn State's Stone Valley Experimental Forest.

If you have any questions or would like to set up a "CDL" regeneration tour in your area feel free to contact Dave Jackson in the Centre County Extension office at (814) 355-4897. Those needing special accommodations, please call in advance of your visit.



Gary Gilmore explains the concept of shade tolerance and group shelterwood harvest

Allegheny Society of American Foresters 2004 Winter Meeting

"The Future of Large Forest Land Ownerships"

February 18–20, 2004 • Sheraton Hotel, Dover, DE

7 Continuing Education Credits, SAF Category 1

Wednesday, February 18	Thursday, February 19 (cont'd)		
4:00 – 8:00 pm • Registration	2:00 – 2:30 pm • Break, Exhibits, Silent Auction		
4:30 – 6:30 pm • Allegheny Section Executive	2:30 – 3:00 pm • "Real Estate Values vs. Timberland		
Committee Meeting	Values" - David Pritchard, President, American		
6:30 – 9:00 pm • Icebreaker social/reception	Forest Management Inc.		
-	3:00 – 3:45 pm • "Panel Discussion with Presenters"-		
Thursday, February 19	Jonathan Kays, University of MD, Coop-		
7:00 – 9:00 am • Registration, Exhibits, Silent Auction	Extension, Moderator		
7:00 – 8:30 am • Continental Breakfast	4:00 – 6:00 pm • Student Quiz Bowl		
8:30 – 9:00 am • Welcome & Introductions of	6:00 - 7:00 pm • Reception - Cash Bar		
Delaware and Maryland State Foresters,	7:00 – 9:00 pm • Awards Banquet & Entertainment		
Steve Resh, MD/DE Division Chair	•		
9:00 – 10:00 am • "Future of Large Forest Land	Friday, February 20		
Ownerships" Keynote - Lloyd Irland, The Irland	7:00 – 8:00 am • Chairman's Breakfast		
Group & Yale School of Forestry & Environmental	8:00 – 8:30 am • Pennsylvania Division Meeting		
Studies	8:30 – 9:15 am • Allegheny Section Business Meeting		
10:00 - 10:30 am Break, Exhibits, Silent Auction	9:30 – 10:00 am • "Inventive Approaches For Retaining		
10:30 – 11:00 am • "Forest Industries Strategies on Land	Large Forest Ownerships" Neil Sampson, Vision		
Ownership" (speaker to be announced),	Forestry		
11:00 – 11:30 am • "Impacts on Private Forest Ownerships"	10:00 – 10:30am • Trends in Large Forest Ownerships"		
Kirk Rodgers, Past President Forest Land Owners	Brett Butler, (FIA) US Forest Service		
Association	10:30 – 11:00am • "Watershed Impacts From Loss of		
11:30 – 12:00 pm • "Conservation Organizations Role in	Large Forest Ownerships" - Al Todd, US Forest		
Large Forestland Acquisitions" Pat Noonan	Service		
(invited), The Conservation Fund	11:00 – 11:30 am • "Panel Discussion with Presenters"		
12:00 – 1:00 pm • Buffet Lunch Steve Resh, MD/DE Division Chair, Moder			
1:00 – 1:30 pm • "Timber Management Companies –	1130 – 12:00 pm • Wrap-up" - Harry Wiant, Ibberson		
Role in the Purchase and Management of Large	Chair FRM, PSU School of Forestry		
Forest Ownerships" - Matt Sampson, NE Forest	12:00 Noon • Adjourn		
Operations, The Forestland Group, LLC			
1:30 – 2:00 pm • "Chesapeake / Glatfelter: Acquisition	Hotel Information: Special Room Rate \$70.00/night if		
Easements" - The Role that State Governments Play	reserved by January 27. To reserve call the Sheraton at		
- Steven W. Koehn, Maryland State Forester	302-678-8500 and mention the SAF meeting. To find		
N. 0 ' 115 m	information on the Hotel, local area and directions go to		
Note: Ongoing all Day Thursday will be the Forester	the <u>www.sheraton.com</u> website.		
Fund Raffle (Awarded at the Banquet), the			
Reginal R. Forbes Art Show, Silent Auctions	For any other questions concerning the meeting contact Kip		
and Exhibits.	Powers at 410-543-6749.		
Pre-Registration: Must be received by January 27, 2004			
1 re-Registration: Whast be received by January 27, 2004	Conference Registration Fees		
Name(s)	\$66 SAF Member (special "1 chain" price!!)		
Name(s)	\$90 Non-SAF Member		
A 11	\$50 Student Member		
Address	\$20 Late Fee (postmarked after January 27)		
	\$ 5 Wednesday Ice Breaker Reception		
City, State, Zip	\$25 Awards Banquet		
	\$10 Chairman's Breakfast		
E-mail			
	Total Enclosed (payable to MD/DE SAF)		

Send Registration Form & Check To:

Allegheny Winter SAF Meeting c/o UMD Research & Education Center 18330 Keedysville Road, Keedysville, MD 21756

Horse Logging: An Old Technology Reborn?

By Ron Farr, Environmental Scientist/Forester, North Jersey District Water Supply Commission, New Jersey SAF

"What's old is new again," Jack Shuart, Forester with the New Jersey Forest Service, stated. Old technology, new uses. Fifty people bravely registered for a mid-November horse-logging workshop in Stokes State Forest in Northwestern New Jersey*. They were treated with blue skies and temperatures in the mid '60s.

Much of the east, prior to the 1930s, was cleared and harvested with horses or other livestock. Only after that point did mechanized logging become popular in the east. Horse logging quickly took a back seat and edged close to extinction.

Participants representing the SAF, landowners, consulting foresters, state and federal employees and professionals from three states came to view a commercial salvage sale being harvested by horse logging teams. Some traveled as far as six hours one way. The sale is a salvage of Gypsy Moth mortality white oak on 38 acres including 51,350 bd. ft. of sawtimber and 91 cords of dead or cull trees.

There were two teams on hand. One team, lead by Harry Bohlman of 4H Timber, skidded logs on the ground. The other team led by Don (Stubby) Warmbold, of MV Wood Enterprises, skidded logs with a custom built logging arch. Eight logs were skidded in all with no noticeable soil disturbance. A portable band saw owned by Wes Demarest from Midhurst Lumber and Sawmill was on site demonstrated the ability to maximize the lumber value from saw logs of poor market quality.

What's new? In this politically correct time, we should be calling it horse timber acquisition, but we foresters still know it as horse logging. There is also the new



equipment and gadgetry used to secure the logs. It is new to those of us who were not around in the 1930s or have forgotten what we learned in timber harvesting labs so long ago.

Why is horse logging coming back into vogue? With more attention being paid toward aesthetics, water and water quality, horse logging can offer an alternative creating less visible disturbance than conventional mechanized skidding operations.

A Land ownership trend toward smaller and smaller parcels, suburbanization and attitudes towards logging and active forest management has forestry in New Jersey on the ropes. Horse logging offers a more palatable forestry operation to those disconnected from the land than larger, noisier mechanized options. Horse logging also offers an educational opportunity to draw residents into a non-divisive discussion concerning the forestry operation due to its nostalgia and the curiosity it creates.

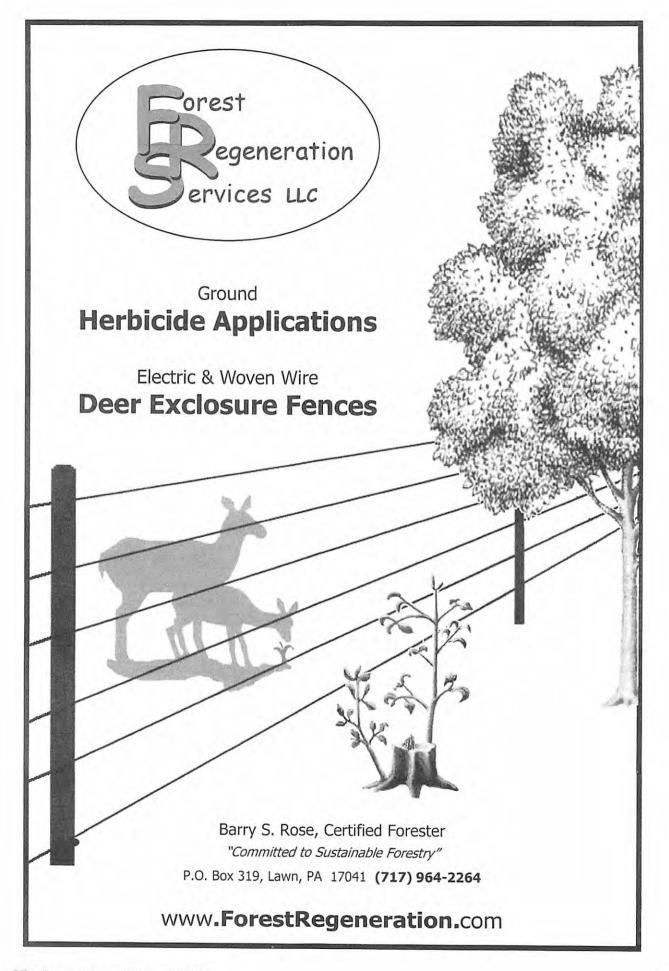
Other benefits of horse logging are shorter stumps (aesthetics), less physical disturbance, soil

compaction and residual damage and small-scale sales that are profitable to loggers and landowners. Horses only need a 4-6 foot opening although Harry's team demonstrated some bushwhacking skills. All this benefits for a bale of hay and four quarts of oats per day. Besides, the horses fertilize the site at no extra cost.

Disadvantages include slower completion of harvesting operations, a larger decking area may be required, the horses may be unable to work in muddy conditions and the personalities the timber harvesters have to deal with. The educational benefits alone far outweigh the negatives.

Horse logging may be the new old technology that keeps forestry alive in New Jersey, and may be coming to a woodlot near you.

*The New Jersey Forest Service, NJSAF, NJ Tree Farm Program, NJ Forestry Association and Rutgers Cooperative Extension sponsored the workshop.



Mont Alto Penn State Celebrates 100 Years

Extracted from a press release by Holly Cieri, Mont Alto Penn State Public Information Officer

The Mont Alto Campus of Penn State University celebrates its Centennial throughout the 2003-04 academic years. Dedicated on May 14, 1903 as the Pennsylvania State Forest Academy, the campus at Mont Alto became part of Penn State University in 1929. The year-long Centennial is co-sponsored by the Commonwealth College of Penn State, the Penn State Alumni Association, the American Philosophical Society, the Penn State Book Store, Cumberland Valley

Tree Service, and F&M Trust Company. The highlight of the year-long celebrations had to be the October 17-19, 2003 "Super Forestry Reunion Weekend."

To the nearly 1,000 alumni and friends returning on that beautiful October weekend, it was special – their campus remains small and secluded but much improved in teaching facilities and equipment. "Teaching staff has always been tops," was echoed by many an alum.



Friend of Mont Alto Jack Winieski reminisces with Mont Alto Alum, Al Allison of West Virginia

Classmates and faculty returned for the reunion weekend from New Mexico, Washington, Idaho, Tennessee, Kentucky, Wisconsin, Virginia and, of course, Pennsylvania

The list of activities included: class reunion dinners, the National Collegiate Game of Logging competition, arboretum presentations, back-to-the-classroom sessions, historic exhibits of the Iron Works and Wiestling Hall Museum, an alumni

soccer game, separate forester's barbecue and forestry reunion dinner, and tours of the Michaux State Forest and Waynesboro watershed. Dr. Patrick Moore, founder of Green-Sprit was keynote speaker at an evening presentation, which was open to the public.

Sunday morning, a worship service and program was held at the Emmanuel Chapel, conducted by alumni Ben Dickerson, Paul Shogren, and George Kemp, followed by a lingering farewell brunch in the Millstream Café.

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A complete list is available upon request.

Penn State Voted Top National Student Chapter

At the 2003 SAF National Convention in Buffalo, New York, the Penn State SAF student chapter was awarded First Place in the national rankings of Chapters across the nation. The Outstanding Student Chapter Awards are based on numerous criteria, including service to members, the Society, the forestry school, and the community; involvement with other natural resource organizations; and chapter management. They also received Second Place for best student chapter website design, content and web management.



Penn State SAF Chapter with faculty advisor Dr. Harry Wiant, Jr. (far left)

West Virginia Division SAF and American Fisheries Society Joint Organization Winter Meeting **DRAFT** Agenda

Holiday Inn at Clarksburg, WV • February 4-6, 2004 Meeting Topic – Stream Biology and Forest Riparian Management

Registration
Social (cash bar)
Dinner on your own
West Virginia SAF Executive Committee Meeting
Breakfast
Registration
Aquatic Resource Management on the Monongahela National Forest - Mike Owen, Aquatic Ecologist, Monongahela National Forest
Thirty Years of Water Quality Data from an Industrial Forest - Dr. Vic Ford, PhD, Forest Research Center Leader, MeadWestvaco
Break
Forest Nutrient Cycling - Dr. Ray Hicks, PhD, Professor of Forest Management Ecology, West Virginia University
Lunch
Use of Riparian Areas by Salamanders - Dr. Tom Pauley, PhD, Marshall University
Watershed Scale Process in Streams - Dr. Todd Petty, PhD, Assistant Professor Fish & Stream Ecology, West Virginia University
Break
Center for Aquatic Technology Transfer - Craig Roghair
Aquatic Organism Passage - Mark Hudy
Social (cash bar)
Banquet
Guest Speaker - Andy Dolloff
Forestry and Fisheries Interactions
Breakfast
Business Meeting
Presentations of Graduate Student Theses
Adjourn & Lunch
Continuation of Graduate Student Presentations
osts – deadline 1/15/04 (includes refreshments and snacks for breaks): or On-Site Registration Costs – additional \$25.00
ers – includes all meals on Thursday, Breakfast & Lunch on Friday: \$70.00 ers – meeting and banquet only: \$25.00 ers – meeting only: \$15.00

Student SAF and AFS members - includes all meals on Thursday, Breakfast & Lunch on Friday: \$40.00

Student SAF and AFS members - meeting and banquet only: \$15.00

Non-members - includes all meals on Thursday, Breakfast & Lunch on Friday: \$90.00

Student SAF and AFS members - meeting only: \$5.00

Non-members - meeting and banquet only: \$40.00

Non-members - meeting only: \$20.00

The Allegheny News, Winter 2003-04

First African American Forester and Mont Alto Alumnus Honored

Extracted from a press release by Holly Cieri, Mont Alto Penn State Public Information Coordinator

On October, 24, 2003, a Pennsylvania Historical and Museum Commission marker was dedicated at the entrance to the Mont Alto Campus of Penn State University, to honor Ralph Elwood Brock, as the first African American forester in the nation. Brock was among the first class of six foresters to graduate in 1906 from the

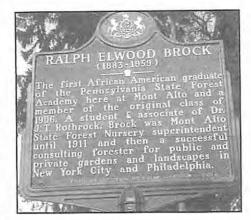


Pennsylvania State Forest Academy
- now Mont Alto Penn State
University.

The program in conjunction

with the marker dedication included a musical selection by Wayne Knepper, Mont Alto Choir Director; remarks by Pennsylvania State Forester, Dr. James Grace, Black Student Union President, Theodore Jackson, and Pennsylvania Historical and Museum Commission Board Member and State Representative, Stephen Maitland. Mont Alto Forest Technicians, James Kauffman and Theodore Jackson assisted Penn State graduate students Tracey Coulter and Demetrice Evans unveil the marker.

After academy graduation, Brock served as Mont Alto State Forestry Nursery Superintendent from 1906 to 1911, transforming a former rocky, barren pasture, into a productive forest tree nursery. He originated a seedling tracking and inventory system for nursery production, and forestry records indicate that he taught academy students the basics of forest tree nursery production from seed during his tenure as superintendent.



Brock resigned from state service in 1911 and pursued a career in private forestry, serving the Chester and Philadelphia County areas and New York City. The record Brock left at Mont Alto, however, is remarkable and is worthy of the public recognition by the State Historical and Museum Commission and those at the ceremony.



ANSAF 2004 Summer Meeting Visits the Cass Railroad

Compiled by Jack Winieski, Allegheny News Editor

The annual Summer Meeting of the Allegheny SAF will be held at the Snowshoe Resort near Cass, West Virginia, August 4-6, 2004. The "History of Logging in West Virginia" theme will be experienced to the fullest with a ride on the Cass Railroad on Thursday, August 5. The altitude, fresh air, and a little bit of coal smoke, will prepare our appetites for a complete chicken barbecue menu after an historical ride on the Cass.

Professional and serious hobbyist presentations on Friday will round out the program of a heritage close to our hearts, while we accumulate some CFE credits!

There will be plenty of opportunity for spouses and significant others to visit the area's attractions and leave some shopping money locally – and the opportunity is there to possibly extend your stay into the weekend to see more of "Wonderful West Virginia." So

mark the dates on your new 2004 calendar, and watch for the first class mail invitation and reservation information.

Come on Wednesday, August 3, 2004 to get settled and registered. Wednesday has also been designated as "Golf Day," so bring along the clubs. More to come at the Winter meeting in Dover, DE, to be held February 18-20, 2004, and in the next issue of *The Allegheny News*.

Silviculture News: Using Prescribed Burning in Oak Management

By Mary Ann Fajvan, ANSAF Forest Science Coordinator

An increasing amount of historical records and scientific evidence suggests that periodic, low intensity surface fires were common in the Appalachian region before European settlement. Native American burning practices may have helped perpetuate the dominance of oak in the region's forests. Oaks have characteristics that allow them to survive and successfully reproduce under a periodic fire regime. The thick bark of mature oaks allows them to survive surface fires. Oak regeneration can resprout after fire and capture growing space made available by the mortality of firesensitive competitors. Cessation of agrarian burning practices and fire suppression programs initiated in the early 1900s removed fire as a common disturbance in Appalachian forests.

Lack of fire has altered forest development pathways and changed stand structure producing less favorable environments for oak regeneration. Surface fires typically reduce the amount of understory vegetation shading the forest floor.

Oak seedlings have low survival in the dense shade produced by multistoried forest canopies. Forest managers and scientists are interested in reintroducing fire as a management tool to create microsite conditions favorable to successful oak establishment and growth. Two different management techniques are being tested. The first reintroduces low-intensity fire

shelterwood removal cut leaves about 50% canopy cover. Several years after the oak regeneration has developed a large root system, a moderately-hot, growing-season fire is used to favor oak reproduction over other species. Sometimes repeat fires are necessary for both of



to mature mixed-oak stands. These fires are usually set in early spring or after leaf drop in autumn. The purpose of the burn is to remove the "low shade" of shrubs and trees from the understory strata. In

addition, the fire consumes the litter layer and promotes establishment of herbaceous vegetation. Once enough oak seedlings have become established, the overstory can be removed with the shelterwood system or a clearcut.

The second technique incorporates prescribed burning into the

shelterwood system when there already is sufficient oak regeneration to warrant a harvest. The first these techniques because there is not always enough mortality of aggressive sprouting vegetation, such as red maple, to give oak enough of a competitive advantage. Once oak has a height advantage over other species, the second removal cut can be implemented.

For more information read:
P. Brose, T. Schuler, D. Van Lear and J. Berst. 2001. Bringing fire back: The changing regimes of the Appalachian mixed-oak forests.

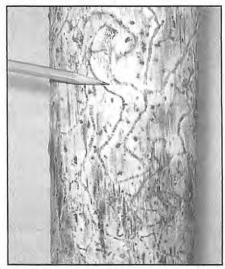
Journal of Forestry, November 2001.
Or contact: Dr. Patrick Brose,
(pbrose@fs.fed.us) or Dr. Thomas
Schuler, (rschuler@fs.fed.us), USDA
Forest Service, Northeastern
Research Station

Photos by Tom Schuler

Southern Pine Beetle Infests Southern New Jersey

By Ron Sheay, Certified Forester and Joseph Battersby, Forester, NJ Forest Service

Although the presence of southern pine beetle (SPB) Dendroctonus frontalis was reported in southern NI in 1929, no known infestations were reported about this forest pest until 2001. In December of 2001, Bob Williams, consulting forester, noted on privately owned woodlands in Cumberland County some vellowing and dving of native pines. This was brought to the attention of the NI Forest Service (NIFS) and in consultation with the Maryland Department of Agriculture and the US Forest Service the problem was identified as a SPB infestation. Due to the uniqueness of the situation, the



Characteristic "S" shaped galleries created by SPB in which to lay its eggs (courtesy of NJ Forest Service)

beetle samples were sent to the USFS Washington D.C. office, which confirmed the original identification.

Surveys Conducted

An initial aerial reconnaissance was conducted in February 2002 to determine the extent of infestation and damage. Early diagnosis indicated 10 to 20 infestations ranging from a few trees to one acre in size all in Cape May and Cumberland Counties. In April 2002, in cooperation with the

USFS, ground traps were strategically placed throughout the pinelands to determine how far the infestation had spread. Initial results of trapping and corresponding SPB checkered beetle (predator of SPB) ratio calculations indicated that the SPB population infestation was static or in a declining state. However, a NIFS aerial survey in summer 2002 showed a dramatic increase to 264 individual "spots" as evidenced by increased yellowing of native pines. Most of the SPB infestations occurred around Belleplain State Forest and Peaslee Wildlife Management Area, which had the largest infested area at 250 acres.

All Pines Affected

All native pine including pitch, shortleaf, loblolly, Virginia and planted red & white pine are susceptible to attack by the SPB. The infestations are occurring in pure pine, pine - oak and pine growing around Atlantic white-cedar swamps. Stands with the greatest risk of infestation have one or more of the following characteristics: mature to overmature trees, high stocking densities, and stresses from drought or storm damage. However, even apparently healthy stands have been attacked. From all aerial and ground survey information, it appears that this may be the second year of a SPB outbreak. The resulting damage caused by SPB infestation is tree mortality. Another damaging factor is a blue stain fungus carried with the beetle. The fungus quickly spreads into the vascular system of the tree, further expediting mortality.

Control of SPB Strategy.

The SPB is new to southern NJ and the population cycle may be in the early stages (1-3 years) and



SPB - a grain of rice - the black turpentine beetle (courtesy of University of Georgia)

building in numbers. But, the south and southwestern parts of the country have been dealing with this pest for many years and have vast knowledge in controlling its spread. The literature was reviewed and working in consultation with the USFS Morgantown Forest Health Protection Unit entomologists located in southeastern states and other SPB experts, two suppression methods were chosen to control the spread of SPB in NJ.

The 2002 aerial survey identified 1,270 acres of heavy infestation. The control methods employed were a cut and remove of infested trees including the removal of a buffer zone of uninfested trees, and a cut and leave technique. Cut and leave is effective in small infestations where salvage is not applicable. A percentage of on-site dead trees that have been completely vacated by the SPB will be left standing to allow the predacious checkered beetle populations increase to help in the control operation.

(continued)



Checkered beetle feeding on a SPB (courtesy of University of Georgia)

During late summer and fall seven sites covering 73 acres were harvested and the trees removed to stop the advancement of the SPB. The sites will be reforested in the spring with native species from New Jersey's forest nursery. On one site of a 1/4 acre, the infested trees were all felled towards the center of the plot and left to control the SPB. Monitoring of these sites as well as those areas not in the control areas will be continually done to ascertain the effectiveness of the suppression measures in stopping the infestations and seeing if the populations are expanding or declining elsewhere.

The survey data collected in summer 2003 is currently being analyzed to determine the overall spread of the SPB infestations in southern New Jersey.

Allegheny SAF at the National "Fun Run"



Ned Karger, Mary Ann Fajvan, Jim Finley and Mike Lester run for fun!

At the SAF National Convention in Buffalo, NY this October, Ned Karger took first place in his age group and came in second place overall (time of all age groups) at 20:11. Mary Ann Fajvan placed second in her age group at a time of 28:58. Jim Finley finished with 26:51 and Mike Lester, even with a bum knee, came in at 29:10.

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The Northern Spotted Owl: An Oregon View

By Benjamin B. Stout, Past Chair, Allegheny SAF

ABOUT THE BOOK:

The economy in the Pacific Northwest is a disaster. In January 2003, newspapers in Portland and Salem, OR, featured reports on the deplorable financial situation in state and local governments. Funds for social services have been slashed. State tax revenues continue to fall below projected levels. Most budgets are based on those estimates. School funding is in crisis, with drastic spending cuts in schools. colleges and universities, resulting in cutbacks and even wholesale elimination of many high quality educational programs. Unemployment is at record levels, consistently placing Oregon at 50th of the 50 United States. Almost reluctantly, news stories suggest that greatly reduced timber harvest on national forests may be a contributing factor to the economic problems of the region. It was the northern spotted owl, rightly or wrongly, that brought about that reduction in timber harvests.

This book is the story of the spotted owl and its role in the interplay of environmentalism, the timber industry, the economy, and ultimately the quality of life in the Pacific Northwest. This volume traces the battles that were fought and the pain and anguish of affected people from the vantage point of one Oregon state representative, Rep. Liz VanLeeuwen, who worked diligently to keep this disaster from happening. It is based on resource material (from 360 different sources, including government reports, news articled, correspondence and letters to editors) she used to inform her

political positions.

Groups interested in making preservation of all forests in the Pacific Northwest their highest priority needed a means of legally preventing all or most timber harvests. They sought an issue on which to focus their legal battle. The northern spotted owl ended up serving that purpose quite nicely. Congress had passed the Endangered Species Act (ESA) in 1973. A young biologist by the name of Eric Forsman had selected the northern spotted owl for the subject of his graduate research, the conclusion of which was that the owl needed "old growth forest" for survival. Environmentalists took this conclusion and combined it with the legal power of the ESA to stop timber harvests on federal land in the region. This book maps out iust how successful the environmental campaign was in shutting down federal timber harvests - and also the devastating effect this process has had on the Pacific Northwest.

Citizens in rural communities in western Washington and Oregon and northern California warned against the consequences of reduced federal timber harvest. These communities had developed and grown economically and socially based in large measure on jobs and infrastructure generated by the harvest of timber from the federally owned forests. State and local governments depended on the payments in lieu of taxes from the federal government for these timber harvests. The size of those payments was based on the amount of timber

harvested. The funds, in the tens of millions of dollars, were used to support schools and build and maintain roads. The economy of the Pacific Northwest depended on this natural resources based economy.

Citizens of these so-called timber-dependent communities understood that not only their local economies, but also those of their entire state and region depended on the natural resources base. In fact, they understood this better than their counterparts in the region's cities and populous suburbs. While small town residents and the politicians representing them warned of the dire consequences of closing down the timber industry, residents of the more populous areas felt confident that they were justified in closing down timber. They congratulated themselves for having successfully moved the Northwest into modern prosperity on the backs of companies like Microsoft (WA), Intel and Tektronix (OR). For many vears the devastating effects of eliminating the timber-based economies were masked by what is now known as the high-tech bubble.

But when that bubble burst at the end of the 90s, it soon became apparent that the spotted owl had been used not only to shut down most federal timber harvests in the Northwest, but also to decimate the economic and social infrastructure of the Pacific Northwest. This book represents an attempt to trace the unfortunate developments that have led to the economic disaster that is Oregon today, January 2003.

The book, The Northern Spotted Owl: An Oregon View is available at www.trafford.com/robots/03-0253.html or by calling 1-888-232-4444. It can also be obtained from www.amazon.com or by contacting B.B. Stout at 514-926-9972

Exotic Pest Problems: Emerald Ash Borer

Extracted from an article entitled "Exotic Pest Problems – the Triple Threat of Alien Invaders" By Daniel B. Twardus¹ & Noel Schneeberger² USDA Forest Service, Forest Health Protection

There are three insect pest problems that are currently affecting or have the potential to dramatically affect mid-Atlantic forests and shade trees – the hemlock woolly adelgid, the Asian long-horned beetle, and the emerald ash borer. These are alien (non-native species) introduced into the United States and are currently the focus of massive state and federal efforts to contain or eradicate. At this time we will introduce the emerald ash borer.

The emerald ash borer (EAB) was discovered in July of 2002 infesting ash trees in Michigan though it is thought to have been introduced into Michigan as early as 5 years prior to being detected. The beetle is indigenous to Asia and thought to have arrived in the United States in wood packing materials. Since its discovery in Michigan, isolated infestations (probably resulting from the movement of infested nursery stock or other infested materials such as firewood) have been found in Ohio. Virginia, and Maryland.



Emerald Ash Borer-Adult

This pest is a significant economic threat to the ash resource in the entire North American continent. Similar to the Asian long horned beetle, emerald ash borers lay eggs on the bark surface. Larvae tunnel into the inner bark or sapwood where they feed and create girdling tunnels. Repeated attacks result in tree decline and eventually death. How big of a threat is the emerald ash borer likely to be? Since its initial discovery in 2002, it is now estimated to have infested or killed over 6 million ash trees in Michigan. There is presently no known control for EAB other than the removal and destruction (chipping) of infested trees. Finding

the insect is a challenge in itself. The emerald ash borer is a colorful but very small beetle (smaller than a penny). Detection surveys require close examination of ash trees for signs of beetle exit holes or bark cracks that may indicate the presence of tunneling larvae. Often by the time the EAB is detected, it's too late to save the tree.

Federal, State, and local entities are engaged in a broad reaching effort to survey the infested area of Michigan in order to delineate the infestation. Outside of the infested area, an "ash-free" zone may be established to attempt stopping the spread. State and Federal agencies in New Jersey, Maryland, Pennsylvania, Ohio, Indiana, and West Virginia and other states are actively engaged in searching for infested ash trees or nursery stock. In Maryland, where infested Michigan nursery stock was found, the Maryland Department of Agriculture has destroyed the nursery stock and is surveying surrounding areas where beetles may have escaped.

More information about these alien invaders can be found on the following websites: http://www.fs.fed.us/na/morgantown/fhp/hwa/hwasite.html
http://www.na.fs.fed.us/spfo/eab/

CEFTS Holds Annual Meeting

CEFTS (the Council of Eastern Forestry Technician Schools) held its annual meeting at Penn State Mont Alto August 13-15, 2003.

Twenty-five instructors representing schools from New Hampshire to Georgia participated. At the business meeting, the group approved a motion to work with the

Society of American Foresters (SAF) to move from the current recognition process to an accreditation process to certify the quality of forest technician education.

In the technical sessions participants toured the Michaux State Forest, led by District Forester Mike Kusko. They also visited Gettysburg National Military Park and were given a tour of efforts to manage vegetation and restore the park to battlefield conditions by National Park Service workers. The meeting was held as part of the Mont Alto Centennial celebration.

¹Morgantown, West Virginia ²Newtown Square, Pennsylvania

Coming Events

February 2004

- 4-6 WV Division and American Fisheries
 Society Joint Meeting, "Stream Biology and
 Forest Riparian Management" at the
 Holiday Inn at Clarksburg, WV (see draft
 agenda on page 17)
- 18-20 Allegheny SAF Annual Winter Meeting,
 "The Future of Large Forest Land
 Ownerships," Sheraton Hotel, Dover, DE
 Contact Kip Powers 410-543-6749 (see
 program agenda & registration on page 13)
- 28 Keystone Coldwater Conference,
 "Managing Runoff Urban and Rural".
 Penn State Conference Center, State
 College, PA www.outreach.psu.edu/C&I/
 coldwaterconservation

March

- 10 15th Annual Environmental Issues
 Conference, Shippensburg University, PA,
 "Wildlife Habitat in Pennsylvania: Past
 Present, and Future," Gina Padilla at
 717-486-3799 or kingsgapsp@state.pa.us
- 15 Deadline for articles and photos for the Spring 2004 issue of *Allegheny News*

May

22-25 2004 SAF Leadership Training Academy Nebraska City, NE

June

Deadline for articles and photos for the Summer 2004 issue of *Allegheny News*

August

4-6 Allegheny SAF Summer Meeting sponsored by the West Virginia Division – "History of Logging in West Virginia" at the Snowshoe Resort near Cass, WV

September

Deadline for articles and photos for the Fall 2004 issue of *The Allegheny News*

Future SAF National Conventions

October 2-5, 2004 – Edmonton, Alberta Canada (with the Canadian Institute of Forestry)
October 19-23, 2005 – Fort Worth, Texas

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