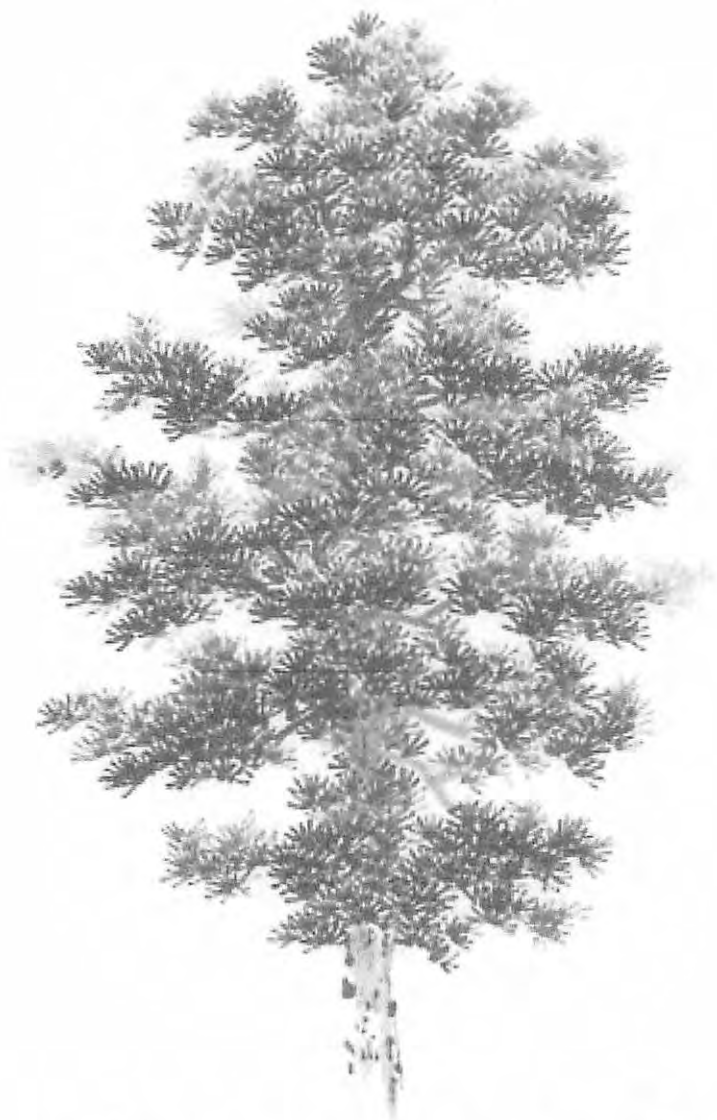


The

Allegheny News



Allegheny Society of American Foresters
Summer 2002



(to be continued...)

When we talk to members of the community, one of the things we hear is that people are worried we're running out of trees. That's not surprising when you consider all the things wood is used for. It provides paper for books, and packaging to ship the food we eat. It's strong enough to frame a house, and beautiful enough to frame a picture. It's also a natural resource that is endlessly renewable. At Weyerhaeuser, we've spent nearly a century developing ways to make sure we'll never run out of wood. In fact, last year like every year, we planted over 100 million seedlings. We know that people rely on us to keep the forests healthy and beautiful, as well as productive. And when you think about it, if the forests don't continue, neither do we.

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The Allegheny News

Volume 11, No.2

The official publication of the Allegheny Society of American Foresters. Published four times annually.

Deadline for articles is December 15, March 15, June 15 and September 15. Subscription rate included in the annual Allegheny Society dues.

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.

P.O. Box 699 • Dillsburg, PA 17019-0699

Editor: Jack Winieski

Layout: Catherine Winieski Carter

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Cover Photo

This circa 1926 photo of research scientist Ashbel (Ash) Hough somehow symbolizes, in dress and stance, something of the spirit and struggle of early forest research efforts (see article on pages 22-23)



Chairman's Corner

By Ken Kane
Allegheny SAF Chair

We are on a roll! In the "Chairman's Corner" of the *Allegheny News* Spring Edition, I wrote of the professionalism within SAF. Over the past months, the dedication and leadership within the SAF continues to flourish.

Shortly after the Spring Edition of the *Allegheny News* went to press, I received a letter from **Ron Sheay**, Chairman of the Auditing Committee, approving the audit conducted for the Allegheny Society. In his letter, he praised our executive director **Jack Winieski** for doing such a wonderful job conducting society matters. Ron recognized the fact that Jack has not received an increase in his stipend since 1992. Ron sent a check for \$500 designated as a bonus for the excellent work that Jack does for the Allegheny. What a sign of leadership and professionalism, compared to the daily news stories of corporate America! However, the Allegheny needs to continue to address finances for our future stability. Contributions (suggestions) are welcome. We are in the initial stage of developing a plan to increase the existing Education Endowment and addressing a second challenge, presented by **Bob and Helen LaBar**.

I must take this opportunity to congratulate the Keystone Chapter for sponsoring an excellent Summer meeting in historic Gettysburg, PA. My condolences go to those of you who missed it. The program of lectures and tours of forest management on Gettysburg National Military Park was extremely interesting. **Todd Bowersox** and Penn State have worked diligently with Park Staff to develop and implement a plan to provide visitors a realistic perspective of preserving history within a dynamic ecosystem. **Richard Paulings'** enactment of a logger was very touching and on the mark. Often we overlook the challenges of those who went before us.

The highlight of the meeting for me was **Jim and**

(Continued on page 2)

Members and News

(Continued from page 1)

Iris Nelson's invitation for attendees to visit their home in nearby East Berlin. The chowder was cooked over an outdoor wood fire, and all who accepted the invitation enjoyed their hospitality. The many personal tours Jim and Iris conducted of the restored pre Civil War farmhouse and lifelong collection of pieces of history kept all visitors in awe for more than just the evening.

The next day, National SAF President David Smith provided insight on how SAF is working on the national perspective. The input that SAF provided in the recently passed farm bill enhanced forestry opportunities for non-industrial private landowners. It was refreshing to know that our national SAF staff is invited to participate in essentially every national forestry debate in Washington. Dr. Susan Stout gave her personal perspective on the progress that SAF has made in diversifying the professional work force. We have come a very long way, thanks to the foresight of leaders in our profession. That thoughtful leadership will continue to move us forward. The inside portion of the meeting closed with Rob Jones, Executive Director of Teachers For The Forests. Rob shared his organization's attempt at educating teachers in the importance of forestry resource management. His presentation was so compelling, the membership took it upon themselves to pass the hat and collect enough funds to procure a membership in his organization and also buy ad space in this *Allegheny News*, to help promote Teachers For The Forest.

The Allegheny SAF meetings are always informative and enjoyable. They are a great way to keep in touch with the profession and professional friends. We, the Allegheny, are actually growing in membership, but there are many of our daily professional contacts that could benefit themselves and strengthen SAF through involvement. Our strength will continue to be membership at the local level. ASK a qualified non-member to join today. ✻

In Memoriam

William E. 'Hank' Herman, 79, of Lakemont, PA died May 28, 2002, at Van Zandt Veterans Administration Medical Center after an extended illness. Herman was a 46-year member of SAF and retired from Pennsylvania DCNR in 1985 as Blair County Forest Fires Inspector.

ANSAF Resolution

The following resolution was unanimously passed by the assembled membership of the Allegheny Society of American Foresters at the June 21, 2002 Summer Meeting in Gettysburg, Pennsylvania.

BE IT RESOLVED THAT The Allegheny Society of American Foresters supports the Science-based Management approach of the multiple resources of the Gettysburg National Military Park.

Bob Tjaden Named to UMD

Dr. Robert Tjaden has been named Assistant Director, Agriculture and Natural Resources Programs at the University of Maryland (UMD). Prior to coming to the University, Tjaden served as Director of the Forest Service at the Delaware Department of Agriculture.



Tjaden joined Maryland Cooperative Extension in 1988 as a regional specialist in natural resources with responsibilities for forest and wildlife management for the Eastern Shore Region. While with the UMD, he has earned several awards and recognitions, including the Society of American Forester's (SAF) 1999 Forester of the Year Award. He is a 23-year member of SAF.

Tjaden earned a BS from the University of Maine, a MF in Forest Management and Economics from Duke University, and he recently earned his PhD in Environmental Policy from the UMD. ✻

Allegheny SAF Chapter News

WV SAF Co-sponsors Luncheon at OWAA Conference

By Glen A. Juergens, WVSAF Chair

The West Virginia SAF Division and the WV Forestry Association co-sponsored a luncheon for the Outdoor Writers Association of America (OWAA) in Charleston, WV on June 26, 2002. Dr. Harry Wiant, 1997 National Society of American Foresters president was guest speaker.

Dr. Wiant directed his remarks to the many Americans who have lost touch with the knowledge of what it takes to produce the wood products that we all use on a daily basis. He also discussed the hidden facts reported in a local newspaper about recent flooding problems in WV being blamed on logging and mining. The headline of the article insinuated that logging and mining were the causes of the flooding, yet

buried in the article was an admission that logging and mining were not to blame. Dr. Wiant's speech was well received by the audience of nearly 300 outdoor writers.

WV SAF also had a display set up at the Charleston Civic Center along with other organizations from the forestry community including MeadWestvaco, West Virginia Division of Forestry, West Virginia Forestry Association, USDA Forest Service - Northeast State & Private, and the Monongahela National Forest. Dan Kincaid, WV SAF member, with the USDA Forest Service - Northeast State & Private, coordinated much of the work for the forestry organizations with the OWAA members. This is the first

year that OWAA has had its conference in West Virginia.

Dick Waybright of the WV Forestry Association presented the prizes for the crosscut saw competition held on June 24. First prize was a signed and numbered print* depicting logging in WV in 1925. The artist of this print, Jeanne Brenneman, is the wife of WV SAF member Bruce Brenneman. ❄

**The WVSAF is offering numbered copies of this print for \$35.00 plus \$5.00 shipping and handling, the profits to be used to further WV Foresters Fund activities. Contact Glen Juergens at Rt. 2 Box 103K, Buckeye, WV 24924 or e-mail gpjuergens@neumedia.net*

WVU SAF Student Chapter Hosts Arbor Day Activities

The West Virginia University SAF Student Chapter was an integral part of Arbor Day events held in Krepps Park in Morgantown, WV on April 20, 2002. The students worked closely with the City of Morgantown, the Morgantown Beautification Commission and the Morgantown Tree Board in planning the day's events. Together with the student chapter of the WVU Forest Products Society, the students designed and built interactive displays that emphasized the ecological importance of forests and the role of forest products in society. The group conducted several games for children, teaching them about tree biology and environmental stewardship while they had fun.

The students also assisted about 40 other volunteers with planting trees in Krepps Park and one Morgantown neighborhood. They learned valuable skills about working with committees and volunteers to plan community events and teaching the public about forestry. The event was a huge success and the Morgantown Tree Board looks forward to working with the WVU SAF students again next year. ❄



Kneeling from left: Ginger Bernholtz, Mary Ann Fajvan (faculty advisor), Joe Rossetti, and Karen Cox. Standing: Erin Finnegan (by tree), Donna Fletcher

NJ SAF Takes High Tech To "The Past"

By Frank Hennion, Secretary, NJSAF Division

Grey Towers, home of Gifford Pinchot, was the site of a Global Positioning System (GPS) and Electronic Field Data Collection workshop, held by the NJ SAF Division on May 3, 2002. In great weather, after a continental breakfast 30 young and old foresters got involved in the exercise.

The Delaware Water Gap National Recreational Area of the National Park Service (NPS) provided GPS instructors **Larry Commisso**, a NPS Park Ranger and his wife **Kathy**, a NPS Cartographer, and **Craig Thompson**, a GPS coordinator. Their classroom instruction focused on the principles, use, and applications of the GPS.

After classroom instruction and a hearty luncheon, the group went to the field to try their newfound skills. Some had their own personal GPS units while others were loaned

units for the day to run assigned traverses about the fields and orchards of Grey Towers. Back in the classroom "students" downloaded data into an ArcView GIS program; for many, this was the first experience in a forestry electronic mapping application.

Following the mapping exercise, the foresters hiked to Yale University's old forestry summer camp demonstration forest. A stand of white pine was chosen for cruising and **Jon Klischies** and **Jim Dunn** (NJ Forest Service) instructed the

group on electronic field data collection. Prisms and diameter tapes appeared and sample plot data was entered in the hand-held data collector. The data was downloaded into a computer and a stand stocking report was generated to the amazement of many. Being at the historic Grey Towers and Yale summer camp, which many had read about in the introduction to forestry text books, was like taking a step back into time - while being introduced to the marvels of the high tech age!

The NJ SAF is especially grateful to the Grey Towers staff for the comprehensive tour of the recently renovated buildings and for the support and assistance in arranging the food and other logistical needs which led to this successful event. What a day it was! ✿



Jon Klischies demonstrates the entry of cruise data to very interested foresters

Northern Hardwood SAF to Host Winter Meeting in Williamsport, PA

The SAF Northern Hardwood Chapter is busy planning the Allegheny SAF Winter Meeting for February 19-21, 2003 at Williamsport, PA. An interesting, informative and varied agenda will follow the theme; **North Central Pennsylvania~A Model for Multiple Use Management** is promised!

Ecotourism, oil, gas and minerals rights, water quality, current wildlife and timber issue topics will be presented and discussed. Agenda and other particulars will be forthcoming in the Fall 2002 issue of *The Allegheny News*. In the meantime, mark those **February 19-21, 2003** calendar squares.

Come to historical Williamsport and bring the family... to one of the lumber capitols of the world! ✿

Those who attended the Leadership Training Workshop at the Gettysburg, PA Summer Meeting will receive a "contact hour credit" certificate for 5.5 hours, Category 2

Councilman's Report

By Tim Kaden, SAF District VII Representative

I just returned from another outstanding Allegheny SAF Summer Meeting, which was hosted by the Keystone Chapter of Pennsylvania. Two individuals deserve special thanks; **Rachael Billingham** and **Nick Lylo** were everywhere making sure that all was running smoothly from the program, field trips, silent action, and 50/50 raffles – special thanks also to **Ned Karger** who single handily put together an excellent Leadership Workshop on the first day. As always, ALLEGHENY SAF foresters step up to meet challenges. Two examples of meeting challenges surfaced, one at the Executive Committee meeting and the other at the general membership meeting.



The Executive Committee voted to support **Ron Sheay's** initiative to raise an additional \$20,000 to \$40,000 to add to our existing Educational Endowment Fund. Immediately, Chair **Ken Kane** pledged \$500 as a starter. **Bob LaBar** stepped forward and offered another challenge grant from he and his wife, offering to match contributions up to \$5,000 to initiate a second endowment fund for long-term support of the ANSAF Executive Director's position. Agreeing to work out details of the two campaigns, the Committee accepted Bob's offer. All ANSAF members now need to get-on-board!

The second example of leadership was a vote to endorse the *Teachers For The Forest (TF2)*, teacher-training program, after the presentation by Director **Rob Jones**. **Frank Henning**, stood, waving a \$5 bill and challenging the membership to come up with the other 19 for the membership fee of \$100. **Nancy Pi-Sunyer** grabbed a hat for passing that returned with \$235. One hundred dollars went to ANSAF's Corporate Membership and the balance of \$135 will be applied to TF2 ads in *The Allegheny News*. **Rachel Billingham** also told me that the silent auction and raffle brought in an additional \$800. Well-done Keystone Chapter!

Should I mention the program? Hats off to the professionals at the National Gettysburg National Battlefield Park. We all have a better understanding of what they are attempting to accomplish and the contributions of Allegheny's **Todd Bowersox** to the effort.

And yet another special thanks to **Jim and Iris Nelson** for providing a great atmosphere for SAF fellowship at their home in East Berlin on Thursday evening with; homemade soup and food in their beautiful garden, tours of their self-restored historic home and Jim's woodworking and tool collection.

As I mentioned in my last column, my term on Council is coming to a close. I thank both Council candidates **Mike Lester** and **Mary Coulombe** for attending and sharing their views on forestry and the profession. You will be receiving your ballots for Vice-President, Council member and Fellows this fall. Make sure to VOTE your choices.

Be sure to read about the important actions taken by Council on page 8 of this newsletter.

Mark this item under "time is running out." If you are considering becoming a Certified Forester, and you should, you have these last few months of 2002 to make application without taking an examination. Watching the Student Bowl Competition makes me leery of exams, so I suggest getting an application in before January 1, 2003. Contact **Pat Cillay**, cillayp@safnet.org, or 310-897-8720 x122 or get on the SAF website at www.safnet.org/certified/cfprogram.htm

My next column will be my last as your council representative. So until then, have a safe and great summer, and I hope to see you in Winston-Salem. 🌲

A FREE instruction booklet for the SAF Certified Forester Program is available from the National Office at (301) 897-8720, ext. 122
Beginning January 1, 2003 an examination must be completed for Certified Forester certification. Make your application now!

Allegheny SAF Chapter News

Valley Forge SAF Tours Martin Guitar Factory

(Photos by Bob LaBar)

On June 18, 2002, members of the Valley Forge SAF were treated to a private tour of the world famous Martin guitar factory (C.F. Martin & Co.) in Nazareth, Pennsylvania. Besides witnessing some of the artisans at work, they also learned of the company's wood procurement principles and practices from Ms. Linda Davis-Wallen, Wood Procurement Manager. Martin Guitar uses wood from all around the world, and being FSC certified, takes the extra steps in assuring that acquisition and chain-of-custody of their wood resource is maintained and recorded.

The tour ended with a luncheon at noon at the J&R Smokehouse in Wind Gap.



R9/US Forest Service Vacancies

(Thanks to Glen Juergens, Chair, WV SAF Division)

Below are two vacancy announcements for several positions on the Monongahela National Forest. These are entry-level positions and have been pretty rare in the past 10 years. Minimum requirements are a high school diploma and six months of experience in a similar field of work.

TRAINEE FORESTRY TECHNICIAN
NESC-SM-02D-33 GS-462-3/4/5
Opens 07/15/02

BIOLOGICAL SCIENCE TECHNICIAN
NESC-SM-02D-34-REL 1 TRAINEE
GS-404-3/4/5 Opens 07/15/02

Questions or concerns, contact: Stacey Jones-Anderson, Senior Personnel Management Specialist, Northeastern Human Resources Management Service Center, SUGAR MAPLE TEAM, sjonesanderson@fs.fed.us or 610-557-4243, Fax 610-557-4095.

Wiant Appointed PSU Joseph E. Ibberson Chair In Forest Resources Management

Dr. Harry V. Wiant, Jr., Emeritus Professor of Forestry at West Virginia University, joined the Penn State University School of Forest Resources on July 1, 2002, as the first occupant of the **Joseph E. Ibberson Chair in Forest Resources Management**. The chair's purpose is to educate students and continue leadership in the professional management of private forest resources. A committee composed of faculty; professional foresters from private, public, and industry sectors; and private landowners advises the work of the chair. The newly endowed chair, made possible by the generosity of alumnus Joe Ibberson, '47, retired chief of the Division of Forest Advisory Services of Pennsylvania's Department of Environmental Resources (now Department of Conservation and Natural Resources), is filled for an initial three-year term with subsequent five-year terms possible.

Dr. Wiant was president of the Society of American Foresters (SAF) in 1997 and vice president in 1996. He also served as chair of the SAF Allegheny Section in 1990. He served as professor of forestry at West Virginia University from 1972 until his retirement in 1996. He began his teaching and research career as an assistant professor of forestry at Humboldt State University (in California) in 1961, became associate professor of forestry at Stephen F. Austin University (in Texas) in 1965, and then was assistant to the dean and professor of forestry at that latter institution for a year before moving to West Virginia.

Over these many years, Dr. Wiant has taught dendrology, silvics, silviculture, regional silviculture, tree

improvement, mensuration, biometrics, sampling, and computer programming. His research, reported in over 200 professional articles and books, has included such topics as the ecology of the coast redwoods, silviculture of southern pines and Appalachian hardwoods, and timber volume estimation using the centroid method, which he developed along with Dr. Goeffery Wood of Australian National University. He invented the "Wiant-f-c-Wedge" and the "Wiant Abney-Dendrometer" sold for many years by the Ben Meadows Company. He has consulted on mensurational, sampling, and statistical matters with Environmental Consultants, Inc., Westvaco Corporation, Boise Cascade Corporation, and numerous other companies and individuals, serving as an expert witness in both U.S. and English courts.

His own university education began with a B.S.F. in Forest Management at West Virginia University in 1954, followed by an M.F. in Silviculture from the University of Georgia in 1959, and a Ph.D. in Forest Ecology from Yale University in 1963. He served in the U.S. Army from December 1954 to December 1956.

Dr. Wiant has been elected a Fellow in the SAF in 1990, inducted into the West Virginia Agriculture and Forestry Hall of Fame in 1998, served as editor of the *Northern Journal of Applied Forestry* from 1984-1996, was editor of *West Virginia Forestry Notes* from 1973-1996, is a member of the Association of Consulting Foresters, a registered forester in the state of West Virginia, and an SAF Certified



Dr. Harry V. Wiant, Jr.

Forester.

Among his first activities as Ibberson Chair will be teaching a new course in Fall 2002, "Consulting Forestry," intended to provide upper-level undergraduates and graduate students more information and hands-on experience related to the consultant's role in assisting private landowners to better manage their forest resources. With more and more forestry graduates working as consultants, and few if any schools offering a course dedicated to this subject, it is anticipated that this course will lead to producing a greatly needed textbook, tentatively titled, "The Forestry Consultant." Dr. John R. Brooks, associate professor at the West Virginia University Division of Forestry, has agreed to collaborate on this effort.

Dr. Wiant and his wife, Jeanne, look forward to experiencing life in central Pennsylvania. ☼



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if not, make use of mine." Horace (65-8BC)

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SAF Council Highlights

By Tim Kaden, SAF District VII Representative

The weekend of June 7-9, 2002 your SAF Council met at Winston-Salem, North Carolina, the site of this years National Convention. I came away being very impressed with the hotel and the convention center facilities. I do believe that this convention can be the biggest and best ever. The central theme "Forests at Work" is exactly what we have been asking for — working group sessions for the field forester. This is your convention, your agenda, something for everyone, students, members and the public. Every Allegheny member can reach Winston-Salem within an eight-hour drive. There is an added bonus, within an hour and a half drive you can visit the Cradle of Forestry, the Biltmore School of Forestry, and the Vanderbilt Estate. What an opportunity to visit where your career choice all began.

You will be seeing a small incremental increase in your dues beginning in 2004. No more will there be a lump sum increase as in the past. The percentage increase will be based on a numbers of indices like inflation or cost of living percentages, and membership category.

Council gave the President authority to invite one or two other guests to their meetings for input and different perspectives of the profession. Example of guests might include students, local foresters, members of cultural diversity groups, other segments of the profession or associated professions, and the general chair of up-coming conventions.

Council agreed to a fixed margin of \$10,000 be given to state societies when hosting the National Convention, and approved Fort Worth, Texas as the site of the 2005 SAF National Convention October 19-23, 2005 — pending approval by local SAF members.

Motion passed on the awards committee's recommendation that Mike Goergen of the National Office be this year's recipient of the Young Forester Leadership Award. Because of Mike, all of us benefit from his hard work and personality that has made SAF The Voice of Forestry on Capital Hill! 🍀

**Next newsletter deadline
is September 15, 2002**

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

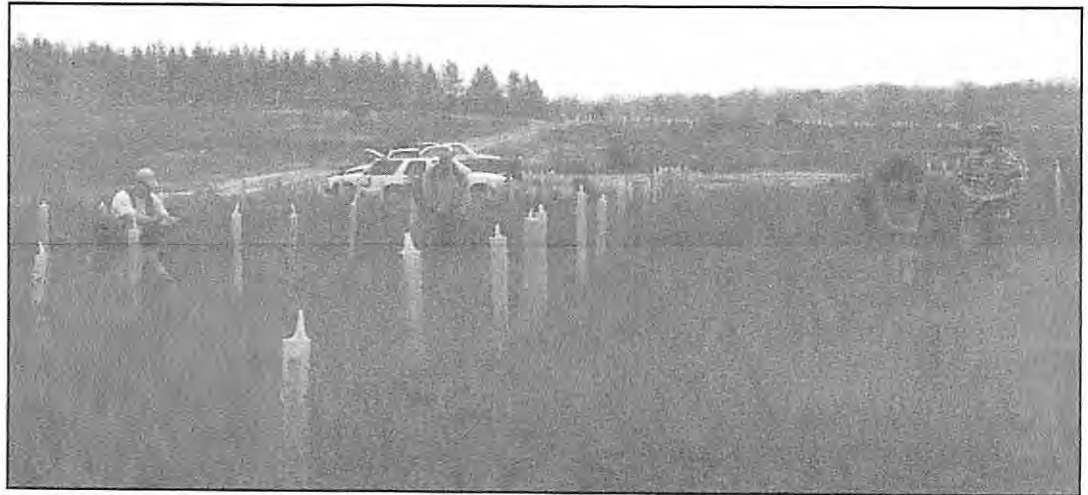
ansaf@paonline.com

The Cooperage Connection

By Doug D'Amore, Secretary/Treasurer, PASAF Division

Members of the Penn State SAF Student Chapter, Pennsylvania SAF Division and Pennsylvania Bureau of Forestry staff planted 300 white oak and 500 white pine seedlings at a planting site on Yost Ridge Road in the Sproul State Forest On April 28, 2002. The trees were planted as part of the continuing partnership between the California-based Seguin Moreau Wine Company and PASAF. Seguin Moreau has donated \$4,000 to the Pennsylvania Division to plant white oak seedlings above the 41st latitude on State Forest lands.

Although the rain threatened the entire time we were planting,



Penn State Student Chapter members interplanting Eastern white pine seedlings among tree sheltered white oaks. Previous years' sheltered plantings are evident on the horizon.

and it poured around us, the skies remained dry. By 2:00 p.m. the trees were planted and everyone was on their way home. As always, SAF students and members had a good day in the woods. All the plantings completed with this program are

doing well with excellent survival and initial development. Questions about the project can be directed to Doug D'Amore at the Sproul State Forest (570-923-6011). You can also call to volunteer and join in the fun! ♣

Open Letter to ANSAF Members

By Karin Miller, Executive Director, MD Forests Association

The MD Forests Association (MFA) is planning to raise awareness among forestry interests about what we see as a crisis here in Maryland regarding the ability of public and private land owners and managers, to practice scientific-based forestry.

The "food fight" over forestland management between radical environmentalist groups who want to "lock it up" and those of us who are committed to the multiple use management of our forest resources has filtered down to the State's public lands - and in an increasing extent to private lands here in Maryland. During the last session of the Maryland General Assembly, we successfully defeated a piece of

legislation that would have, over time, stopped commercial logging on public lands and dictated management priorities to private landowners. Not surprisingly, timber harvesting was last on that priority list. As always, they "sold" their ideas with emotional misrepresentations, hollow promises and outright lies. The battle was not easy and the war is not over - the radical fringe will be back.

A series of meetings are being sponsored by MFA throughout the state on September 4, 5, 18, and 19 (one meeting in each region) in an attempt to raise awareness and solicit help from among forestland owners and managers to fight this threat to

private property rights. At each meeting, Matt Bennett, Emmet Vaught Lumber Co, Vice President and cofounder and Executive Director of Treekeepers.org, will share his experiences with the radical environmental agenda and discuss strategies to counter it. There will be plenty of time for discussion and input from attendees.

For more information about these informational and strategy forming meetings, call the MFA office at 301-895-5369 or e-mail mfa@hereintown.net ♣

Allegheny SAF Treasurer's Report, June 19, 2002

BEGINNING BALANCES (on January 1, 2002)

Checking Account	\$ 5,519.95
Endowment Savings	\$ 3,432.85
Endowment CD	\$ 10,000.00

CHECKING ACCOUNT INCOME:

2002 Allegheny Dues	\$ 7,093.00
2002 Div/Chp Dues (pass through)	2,612.25
Contributions:	
Maryland-Delaware Division	3,422.00 [A]
Pennsylvania Division	1,500.00 [B]
W. Wolfe	500.00 [C]
R. Sheay	500.00 [D]
D. Galway	140.00 [E]
S. Goodman	100.00 [F]
Penn State Mont Alto	100.00 [G]
R. LaBar	90.00 [H]
J. Hime	110.00 [I]
Checking Account Interest	8.03
Total Checking Account Income:	\$ 16,075.28

NOTES:

[A] Winter Meeting Contribution: \$698.00 (Silent Auction), \$724 (Foresters Fund), \$2,000 Donation, designated as follows: \$1,000 general operating expenses, \$1,000 Chair Convention expenses.

[B] Designated for general operating expenses.

[C] Designated to reimburse the Allegheny for \$500 in travel funds provided to WVU in 2001.

[D] Designated for Executive Director Bonus.

[E] Designated for R. Forbes Art Contest.

[F] Designated for general operating expenses.

[G] Designated for general operating expenses.

[H] Designated for R. Forbes Art Contest.

[I] Designated for Student Travel Support.

[J] Provided as follows: \$500 "seed money;" \$1,000 loan.

[K] Reflects an increase of \$30.00 per quarter, effective in second quarter.

[L] Jan. 1, 2002 R. Forbes Fund beginning balance was \$50; \$230 in 2002 contributions received; current fund balance is zero.

[M] This represents travel support to attend Winter Meeting for Allegany College, WVU, and Penn State Mont Alto [as previously noted, Penn State Mont Alto donated their travel support back to the Allegheny].

[N] This is the second/final payback of a \$1,630.00 transfer that occurred in 2000 from the Endowment Savings Account to the Checking Account to cover a 2000 budget deficit.

CHECKING ACCOUNT EXPENSES:

2002 Div/Chp Dues (pass through)	\$ 2,612.25
Northern Hwd Chp 1997 Dues (check re-issue)	40.75
Keystone Chp Summer Meeting Advance	1,500.00 [J]
HSD Assessment	482.16
Allegheny News (2 issues)	2,950.12
Executive Director Stipend	2,200.00
Executive Director Expenses	1,090.00 [K]
Executive Director Bonus	500.00 [D]
Awards	255.93
Reginald Forbes Art Awards	280.00 [L]
Student Travel	300.00 [M]
Endowment Savings Payback	830.00 [N]
Postage	17.00
Total Checking Account Expenses:	\$ 13,058.21

CHECKING ACCOUNT TOTAL INCOME LESS EXPENSES \$ 3,017.07

CHECKING ACCOUNT CURRENT BALANCE \$ 8,537.02

ENDOWMENT SAVINGS BEGINNING BALANCE \$ 3,432.85

Endowment Savings Activity:	
Interest	\$ 11.57
Interest (received from CD)	76.74
Endowment Savings Payback	830.00 [N]

ENDOWMENT SAVINGS CURRENT BALANCE \$ 4,351.16

ENDOWMENT CD BEGINNING BALANCE \$ 10,000.00

Endowment CD Activity:	
Interest	76.74
Interest transferred to Endow. Sav.	(76.74)
Endowment CD Current Balance	\$ 10,000.00

ACCOUNT SUMMARY: CURRENT BALANCES (as of June 19, 2002)

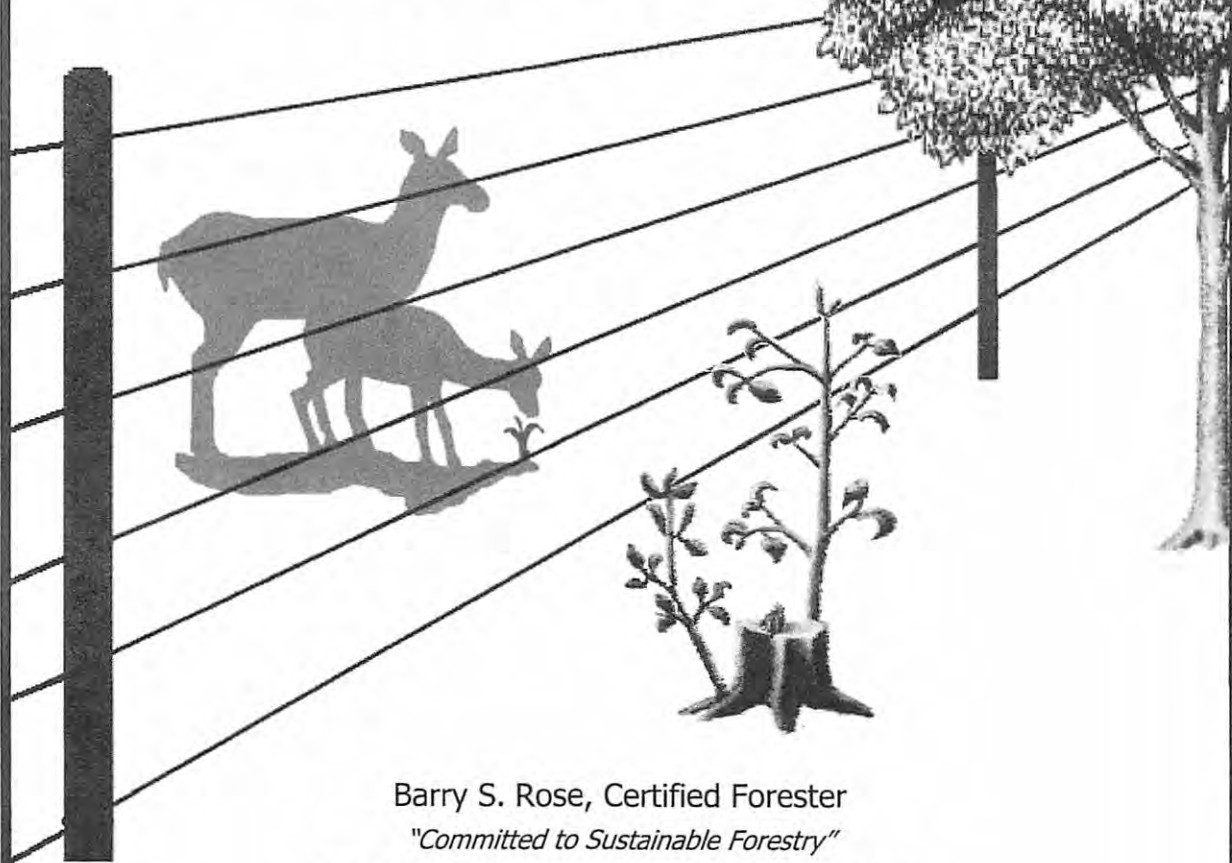
Primary Account (Checking)	\$ 8,537.02
Endowment Savings	\$ 4,351.16
Endowment CD	\$ 10,000.00

Respectfully prepared,
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2002 Allegheny SAF Meeting Highlights

“History in the Making” at Gettysburg National Military Park

June 19-21, 2002

Eighty-nine SAF members and other resource managers met at the Gettysburg National Military Park (NMP) for the Summer Meeting of the Allegheny Society of American Foresters (SAF). On Wednesday, the professional park staff conducted an optional tour of the battlefield by a licensed guide, viewing and learning of prior attempts to restore the battlefield vegetation as close to that which occupied the site on July 1-3, 1863.

Thursday morning, Superintendent Dr. John Latcher

reviewed the history of the park and the different federal agencies responsible for its maintenance and security over time. Professional staff covered the development of the 15-year management plan and its implementation, covering all the involved public intervention and cooperation involved in deer herd and vegetation management. Dr. Todd Bowersox reviewed his and other Penn State faculty studies in the battlefield restoration, which prepared the group for the afternoon field trip.

Friday morning capped the meeting with SAF President Dr. David Smith bringing the group up to date on the involvement of national staff on issues on Capital Hill; Dr. Susan Stout’s excellent review of progress in membership diversity; Rob Jones’s introduction to *Teachers For The Forest* (complete with his boots!) and closing remarks by Chair Ken Kane.

Photography by Alex Day, Bob LaBar and Jack Winieski. ❁



SAF President Dr. Dave Smith



Dr. Todd Bowersox (center) conducts the field trip

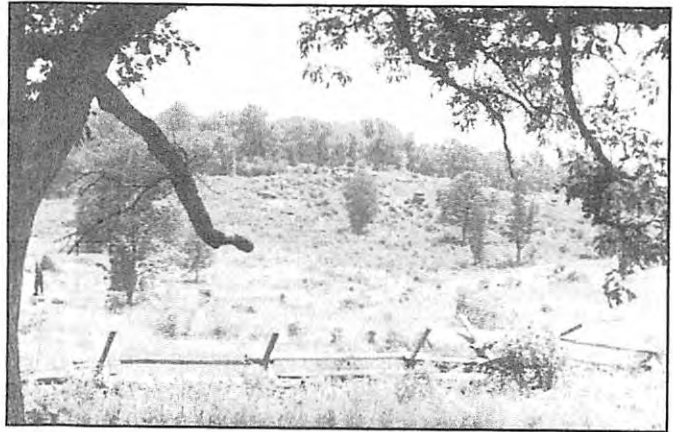


Dr. Richard Pawling's History of Forestry

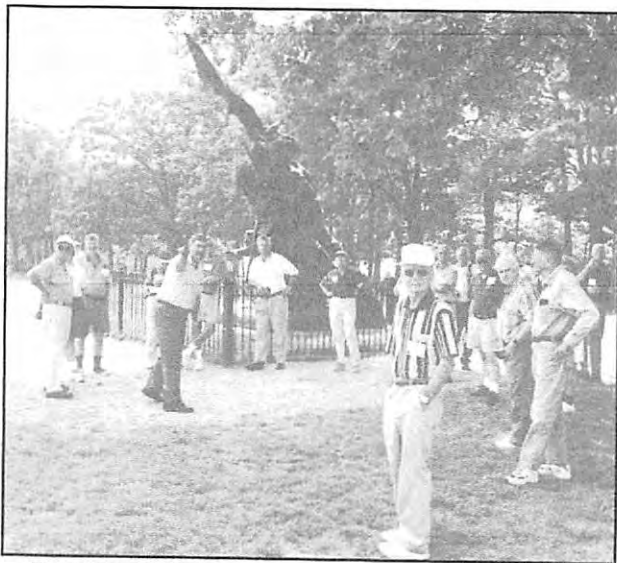
Allegheny SAF Summer Meeting Photo Highlights



Nick Lylo at the silent auction



Little Round Top restoration



Dr. Susan Stout



Rob Jones of TF2



Your Allegheny SAF Executive Committee at work



40-Year Debt Repaid

By Alex Day

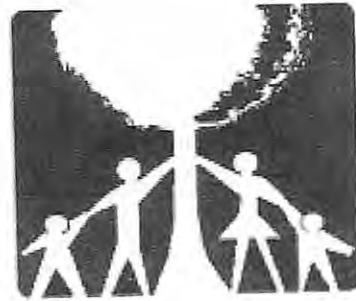
In August of 2001, my office phone at the PA Bureau of Forestry State Forest Tree Nursery rang and Maryland Service Forester, Wade Dorsey was on the line. Wade was looking for some white pine seedlings to reforest open land located in Garrett County, Maryland. He could not find any white pine seedlings anywhere in Maryland.

The name "Garrett County" rang a bell in my memory; a name that I remembered in relation to our white pine seed orchard at Penn Nursery. Asking Wade to hang on for a moment, I dug into the nursery's seed orchard records and came across the name Garrett County! It seems that in 1962 some forest geneticists had plucked some scions from a magnificent, wild, Garrett County white pine. These cuttings were shared with Pennsylvania and grafted into the Penn "A" Seed Orchard design in 1964, the seed of which was to be used to grow improved white pine seedlings.

With careful nurturing, the white pine seed orchard performed very well with the first seeds collected from only a few bushels of cones in 1974. Succeeding cone crops produced bigger and bigger seed harvests, until in 1992 over one thousand bushels of cones were collected. Cones from trees with Garrett County origins in the seed orchard were part of this massive crop. Overall, the nursery staff estimates that more than 1800 pounds of seed have been produced from this orchard. To date, over 2.5 million, 2-0 bare root white pine seedlings have been grown from seed originating from this orchard.

Normally, seedlings grown at the department's nursery are only planted within the state's borders, except for small, research quantities and experimental uses. However, as a professional courtesy to repay a long overdue debt to Garrett County, Maryland, I agreed to transfer five hundred seedlings to Wade, "sometime in the spring of 2002." The actual transfer took place in the early morning of April 1, 2002.

As he left the nursery after receiving the seedlings, Wade remarked: "These trees will be planted by two o'clock this afternoon." A 40-year debt repaid! ♣



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Green Certification, Resource Management and You!

By Karin E. Miller, Executive Director, MD Forests Assoc., Inc.

Forest "Green Certification" is the theme for the October 25-26, 2002 MD Forests Association (MFA) Annual Meeting at the Sheraton Hotel in Columbia, MD. **Bill Banzhaf**, Executive Vice President of the SAF, and **Jim Grace**, PA State Forester will discuss certification, forestry and the role of forestry organizations from their perspectives.

An additional elite and illustrious panel of speakers, moderated by MD State Forester and SAF member **Steve Koehn**, will discuss costs, benefits, and reason for involvement of all forestland ownerships in the global Forest Certification movement. Panel participants include representatives of the Meridian Institute of Forest Certification, the Forest Landowners Association, and Global Hardwoods.

The Friday night banquet (October 25) will feature award-winning activist, **Mary Wirt** highlighting her experiences in the promotion, support, and defense of forestry and resource management. Mary is past recipient of the Forest Resources Association Forest Activist of the Year. Her presentation of *The Art of Strategic Influence* promises to be both informative and enjoyable.

The Saturday (October 26) luncheon speaker is editor of Certification Watch, an international certification monitoring organization. CFE credits are available and more information is available at <http://mdforests.org/AM2002.htm#agenda> ♣.

Luppold's "Forest Product Trends" at the Roach Forum

Interpreted by Jack Winieski, "The Allegheny News" Editor

Dr. William "Bill" Luppold, of the U.S. Forest Service, Forestry Sciences Laboratory, Princeton, West Virginia, discussed trends in the forest products industry at the "Ben Roach Forum" at the Kane Country Club, Kane, Pennsylvania, April 18, 2002.

From his position at the USFS NE Experiment Station, Luppold perceives a downturn change in the hardwood lumber industry - a furniture driven industry. Recent losses of classic U.S. furniture manufacturing names (Lane, Bath Chair, Drexel) support that perception. Domestically, there are fewer mills; manufacturing costs in China, Mexico and Canada are very competitive. Also cheaper white oak being shipped from Yugoslavia to Spain and Chinese white oak to Japan is hurting the domestic export. And the American consumer seems to have no allegiance to native hardwoods!

On the pulp and paper scene, high potential pollution perceived by the environmentalists, is leaving the Northeast especially at a competitive disadvantage - mainly because of older plants and state restrictions (New York and Pennsylvania were mentioned). Paper shipments were down in 2001 for the first time since 1970. China is fast becoming the biggest competitor, with 15 paper machines going on line in the near future.

On the positive side, none of the other competitors can match the U.S. distributional efficiency. Bill ended his presentation with: the economy seems to be rebounding despite all the accounting scandals, consumer spending seems to remain strong, there is some of "Daddy's money available, and the "Nesting" (starting homes) phenomena is causing new big homes to be built with a large capacity for furniture. ♣.



Bill Luppold, at the Ben Roach Forum, receives the traditional black cherry Biltmore Stick from Allegheny SAF Chair-Elect Bob Bauer

Deer, New Jersey's Farmland Assessment Property Tax, and Forest Health: Are They Related?

By Mark Vodak and David Drake, Rutgers University

Foresters in the Allegheny region are well aware of the white-tailed deer population in their respective states and the effects dense populations can have on woodlots and forests. Certainly, *The Allegheny News* has carried a fair share of deer-related articles. Property tax, and various state programs for lowering the tax burden for forest landowners, offers both foresters and landowners another topic for discussion.

In New Jersey, 'farmland assessment' is a use valuation property tax assessment that significantly reduces property taxes for landowners meeting certain criteria. For forest landowners, this includes having a forest management plan in place and annually generating a predetermined income from the property. As a result, much of the private lands forest management in New Jersey is 'driven' by farmland assessment.

The high deer densities in most of the forested areas of the state, though, have raised the question of whether farmland assessment-driven management activities may inadvertently be negatively affecting NJ's forest resources. Rutgers University currently has a study underway to look closely at this question.

The Study

Forest landowners can qualify for farmland assessment tax evaluation on their forest property by meeting the standard requirements as well as the additional requirement of developing and implementing a forest management plan. To meet the annual income requirement, most forest landowners' management plans will include



Mark Vodak

recommendations for various types of harvesting and tree removals. Many management plans also include recommendations for managing various species of wildlife, which also often involve manipulating vegetation. Whether harvesting or improving wildlife habitat, deer densities can determine the success of these activities. High densities can prevent regeneration of the forest, totally alter forest species diversity, and prevent sustainable management of the forest resource.

It is critical for the effectiveness of the farmland assessment system, and for the health, diversity and sustainability of the state's privately owned forestlands, that forest and wildlife management activities on farmland-assessed forests be examined in relation to deer density. There is the need to determine if management activities instituted by landowners anxious to meet farmland assessment requirements may, in fact, be detrimental and counter-productive where high deer densities exist.

To analyze this question, a survey instrument is being developed that will assess the forestry and wildlife management activities of farmland-assessed versus non-farmland-assessed forest landowners.

The Results

The study findings could potentially have interesting implications for forest management in New Jersey, and especially for the state's farmland assessment program. In general, farmland assessment has been valuable for the forest resource in New Jersey, providing added incentive for landowners to keep their forestlands in forests, and promoting active management and working landscapes. On the other hand, where deer densities are high and threaten forest diversity, regeneration and sustainability, is the farmland assessment's annual income requirement inadvertently magnifying this threat to forest health and sustainability on private lands?

For the study's results, 'stay tuned' to future issues of *The Allegheny News*! ❄️



PFA and PFFMA Plan Joint September Meeting

By Roy Seifert, PFA President

The Pennsylvania Forestry Association's 116th Annual meeting will be its first joint meeting with the Pennsylvania Forest Fire Museum Association (PFFMA), September 12-14, 2002 in Berks County at Shartlesville, PA. Berks County celebrates its 250th Anniversary this year and as part of our meeting we will visit the County Heritage Center, Blue Marsh Lake, and John Seitzinger's Tree Farm. We will also learn about Hawk Mountain's Conservation Science, and of course, the Forest Fire Museum Association's mission and goals. The meeting will provide networking opportunities and a chance to learn more about local forests, owners and management. We hope to see many woodland association members in attendance. There will again be a "Forestry Reunion" for family and friends of Bureau of Forestry employees after the meeting Saturday afternoon. Watch for the next issue of *Pennsylvania Forests* for more information.

The PFFMA mission statement is to preserve and showcase the heritage of forest fire protection as it relates to forestry. The museum celebrates Pennsylvania's pioneers in forest stewardship - past, present and future. Its vision is to be a place of discovery. Significant artifacts and interactive exhibits will trace the past and point to the future of forestry in PA. The museum is dedicated to the stewardship of all forest resources, and honors the men and women who protected, nurtured and continue to sustain our forest.

The museum will be part of the Lincoln Highway Heritage Corridor (LHHC), and a site has been chosen on US Route 30 on the Michaux State Forest. Mont Alto's first forestry class planted the trees on the site.

The LHHC granted the association funds to help complete a feasibility study that includes architectural drawings and museum exhibit plans. The hope is to have more than just an indoor exhibit area. Plans include outdoor exhibits, a library, indoor classrooms, a training center, administrative offices, and space for volunteers.

The museum will act as a link to the Lumber Heritage Region in the north central part of the state. It can pique a visitor's interest in the rich history of Pennsylvania's forests and lure them to the Lumber Heritage Region to learn more. By using the whole state as a learning tool for forests, we can get the real word of our forests' importance known to more people. The PFFMA will supplement the visitor educational effort at related historic locations around the state (fire towers, cabins, etc.).

For more information about the museum, about PFFMA membership, to make donations, or to become involved with museum development, please contact the PFA office (717) 766-5371 or thepfa@juno.com.



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Review of a New Pinchot Book

By Bob LaBar, SAF Pinchot Chapter

Gifford Pinchot and the Making of Modern Environmentalism

By Char Miller (Island Press 2001)

A friend purchased this book for me at a recent Grey Towers signing ceremony. It is a detailed and interesting account of Pinchot and his family and their relationships over the years with many prominent business leaders, academic types, public servants, politicians, but most of all the common people. Pinchot's outgoing personality has been relayed to me by some of the early inhabitants of Milford, PA, who tell the story that as youngsters riding by the Pinchot estate on horses, they were hailed by Gifford and invited inside for tea and cookies.

Of the many publications about Gifford Pinchot, written by him or others, this one seems to tie a lot of loose ends together. Its title and theme would seem to suggest that our nation's first forester might really not be that out of place in today's environmental agenda. Miller quotes Pinchot as saying that, "the axe was a double edged tool that could both destroy and revitalize." While sharing concerns about cutting down trees he stated, "you can't practice forestry without it."

The book talks much about early cooperation and later disagreements with John Muir. Disagreements with Fernow and Schenck led the Pinchot family to establish and underwrite the Yale School of Forestry, thus driving both the Cornell and Biltmore Schools, led by these two foresters, out of business.

Even when stepping out of the office as Chief of the U.S. Forest Service (USFS), the author suggests that Pinchot had enough influence to control the selection of his successor, long-time Yale associate, Harry Graves. Over the next couple decades, whenever the Forest Service was threatened, Pinchot stepped into the fray and usually won the battle - with Chief Greeley over giving more power to industry, and his fight against Ickes' effort to transfer the agency into the Department of Interior. It was Gifford who successfully argued that, "since trees were a crop, the agency belonged in Agriculture".

Pinchot was also one of the initial organizers of the National Conservation Association (NCA), which served as a protégé for other public interest groups such as the Wilderness Society and The National

Wildlife Society.

Because it was such an important fabric of Pinchot's career, much space is devoted to his two terms as Governor of Pennsylvania. His success in getting elected is attributed to his courting of labor, farmers, religious groups (who supported prohibition) and more importantly, the new political force on the scene, women. As Governor, he went on to take over some 20,000 miles of township roads, which he subsequently fixed up (paved) in an effort "to get farmers out of the mud." The first of its kind state level anti-pollution agency in the US, the Sanitary Water Board, was created under his guidance. Also, he found a loophole that allowed him to get around the legislature and create jobs for the unemployed in state road camps that became a model for the federal C.C.C. and the W.P.A. He chided Roosevelt by saying, "what we need is a new deal", and pioneered efforts to buy stripped over land and poor farms and creating state forests - another program copied by the federal government.

Pinchot was proud of his role in politics but commented at the 40th Anniversary celebration of the USFS, "I have been governor now and then (he served intermittent terms) but I am a forester all the time - have been and shall be, all my working life". He was the author of two important books. A *Foresters Training Manual*, that went through four editions from 1914-1937 and the familiar *Breaking New Ground*. The latter was written so that future generations would know not only what happened in the development of the conservation movement, but also why and how.

Considering the many accomplishments and honors received by Pinchot, author Miller concluded that one is especially appropriate, the naming of a subspecies of Juniper, *Juniperus pinchotte*, after our nation's first forester. Found in Arizona sheep country, it, like its namesake flourished on "dry hill sides and in deep cuts and slashes of rocky soil". A tough and durable small tree that ranchers in the region forever try unsuccessfully to eradicate, this species has an unusual regenerative capacity, a "power of sprouting from charred or cut stumps".

This book would be an interesting addition to anyone's collection on Pinchot, the conservation movement and forestry. ☞

Silviculture News

By Mary Ann Fajvan, Forest Science Coordinator, Allegheny SAF

Guidelines for Manipulating Stand Density Through Thinning

Forest managers can prescribe thinning treatments to reduce mortality, reduce competition for site resources among the most desirable trees, and increase overall stand growth. The appropriate thinning treatment is determined by management objectives. For example, maximum cubic or board-foot volume production are important management objectives for pulpwood or sawtimber products, respectively. Maximizing growth for these two products requires different manipulations of canopy structure and density. Generally, thinning treatments for sawtimber production 1) concentrate site resources on the most desirable overstory trees 2) reduce the time required to produce logs of desirable size and quality, and 3) increase overall product yield by utilizing trees that would die in the absence of thinning.

Stocking guides are one tool that can be used to provide a standardized reference point for measuring and describing stand structure. Guidelines for measuring relative stand density (RD) in upland hardwood forests were presented by Gingrich (1967) and stocking guidelines for manipulating RD to increase wood production were presented by Roach and Gingrich (1968). Recommendations include thinning immature stands to 60-70% RD to assure full site utilization while maximizing growth of residual overstory trees.

Data for the guidelines were collected from forest communities in Ohio, Kentucky, Missouri and Iowa. Oaks in mixture with other hardwoods dominated stands. The guidelines do not recognize the effect that variations in species composition, within the same defined forest community, can have on density and growth relationships. More recent stocking guides (e.g. Marquis et al. 1992), adjust relative density criteria to reflect variations in species composition.

An article by David Larsen in the June 2002, *Northern Journal of Applied Forestry* presents information about a web page where you can plot your own stand data on a Gingrich stocking diagram. A spreadsheet allows you to plot the changes in stand stocking over time. The spreadsheet is also designed for adaptation to other species by changing the coefficients for the A- and B-lines. The stocking diagram and Excel spreadsheets are easily downloaded from:
www.snr.missouri.edu/silviculture/tools/gingrich.html

References:

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- Locust:** Black, Bristly, Honey
- Maples:** Norway, Red, Silver, Sugar
- Oaks:** Black, Bur, English, Pin, Scarlet, Sawtooth, Red, White, Swamp, Willow
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Maryland's Oldest Citizen Falls in June 6th Storm

The Wye Oak Marked Maryland History For 400+ Years...

By Will Williams, Education Specialist, Maryland Forest Service

The thunderstorm south of Baltimore was particularly nasty as a passing cold front spawned lines of heavy storms and three tornados across the Mid-Atlantic region. I was on my way home to Southern Maryland after working an educational event at the National Aquarium as motorists were pulling off the highway to avoid the pelting rain and hail. Having just switched my DNR two-way radio back from checking the NOAA weather frequency, I heard a State Forest and Park Service unit report the unimaginable to our communications center; "Be advised that the Wye Oak has fallen over" the voice crackled over the radio. *The Wye Oak has fallen over...*The six words stunned me as if I had just been informed of a family member's unexpected death and I felt tears welling up in my eyes.

For all of us who earn our living in the forest and appreciate trees, especially big, old, *champion* trees, the toppling of the Wye Oak in that June 6, 2002 storm *was* a death in the family. As one of Maryland's greatest living symbols, the Wye Oak, America's Champion White Oak, held a special place in our hearts. To many, the Wye Oak was more than the biggest White Oak in the United States; it represented strength, perseverance, steadfastness, and stood as a silent witness to the passage of more than four centuries.

Older than Maryland and twice as old as America, the tree that survived thousands of thunderstorms, hurricanes, blizzards and droughts lay across State Route 662. Before the rain stopped, personnel from the Maryland Forest Service were on the scene, including State Forester and SAF member Steve Koehn. "All Marylanders and

anyone who appreciates trees can't help but feel a sense of loss. We're going to work quickly to preserve as many twigs as possible to continue a cloning project that began a couple of years ago. Hopefully the Wye Oak will live on." He said.

The Maryland Forest Service has worked with Dr. Frank Gouin, retired Chair of the Horticulture Department at the University of Maryland, who has produced a number of successful clones of the tree. Ironically, the crown of the fallen Wye Oak was full of immature acorns, which it had not produced for the past several years. The Forest Service's John S. Ayton Forest Tree Nursery once propagated Wye Oak acorns and sold the tree's offspring seedlings for many years, insuring that all of Maryland's counties and nearly every state is home to the progeny of this thoroughbred tree.

As news of the Wye Oak's toppling spread throughout the country and around the world, thousands of people made a pilgrimage to the small village of Wye in Maryland's Talbot County to pay homage to the fallen giant. SAF member Jim Harris, who is a Forester in Caroline and Talbot Counties, assisted with the cleanup and recovery of the leaves and twigs. He noted, "there's almost a reverential tone among the visitors to the site. It's like a wake as people speak in whispers while they take photos and recount stories of the tree."

Forest Service personnel provided many visitors with leaves from the tree as keepsakes. Forester Stark McLaughlin, who cared for the Wye Oak for the past 28 years, fought through his emotions like a true professional as he fielded



numerous television, radio, and print interviews as the media descended on the site. "Like all living things, the Wye Oak's time has come, but I still can't fight the feeling that I've lost an old friend", he observed. After several days, the branches and bole of the tree were loaded by crane onto low-boy trailers and taken to a secure location for storage, where the wood will await it's next life as a special task force pores over the hundreds of suggestions offered by the public as to how the Wye Oak should be memorialized. Suggestions are still being accepted online at wyeoakideas@dnr.state.md.us

As when a human life ends, we immediately look back to the good and important contributions made throughout the life and times of the deceased, and the Wye Oak is no different. Believed to be over 460 years old, the Wye Oak was purchased by the State of Maryland in 1939, and declared Maryland's State Tree in 1941. The purchase marked the first time a government agency purchased a single tree for preservation. The site became Maryland's smallest State Park and fast became a tourist attraction for visitors to the Eastern Shore.

Maryland's first State Forester, Fred W. Besley, made the first official measurement of the Wye Oak in 1909 at the invitation of C. Howard Lloyd, a descendant of Richard Bennett, who purchased the tree as part of the tract known as Wilton in 1705. Besley, a student of Gifford Pinchot and member of Pinchot's famed "Baked Apple and Gingerbread Club", was amazed at the size and breadth of the tree, and it quickly gained notoriety throughout Maryland as the "largest and finest specimen of white oak in the country." The tree soon gained national recognition in a November, 1919 issue of *American Forests*



Magazine that created a national "Hall of Fame" for trees, and included the "Wye Mills Oak" as its first nominee. At the time of its passing, the tree had a circumference of 382", a height of 96 feet, and a crown spread of 119 feet.

The Wye Oak is credited with starting what we now know as the National Register of Big Trees. In 1940 the American Forestry Association held a nationwide contest to locate "the largest living specimens of American trees..." Again, the Wye Oak was the first tree nominated, and held its title as National Champion until the June 6th storm, one of only two specimens to have survived since the contest began. Maryland Forest Service Education Specialist Maureen Brooks, who coordinates the state's

Big Tree Champion program, has been flooded with calls from landowners who think they own the heir apparent to the *Quercus alba* crown. "The phone started ringing on June 7th, and Forest Service personnel have visited properties throughout the state to measure large white oaks that have been nominated by their owners." She said. "Interestingly enough, the next champion may be here in Harford County, Maryland."

Throughout the 20th century, the Wye Oak was a marvel of arboriculture. The tree received its first professional pruning and fertilization in 1914 by tree expert

H. Stevenson Clopper. The work cost \$275.00 (a lot of money in those days) and was paid for by Old Wye Oak Church parishioner DeCoursey W. Thom. Clopper provided care for the tree for the next 35 years. Lightning rods were installed in the tree's

crown in the 1940's, and its hollow bole was supported with several tons of concrete. Several hundred yards of steel cable supported its crown and ultimately presented safety challenges for chainsaw operators who assisted in the cleanup and recovery effort.

Maryland Forest Service Urban Operations Manager Mike Galvin, an ISA Certified Arborist, had monitored the health of the tree for the past several years. "The root buttress area was hollow. After the tree fell, I observed that only two to four inches of sound wood existed throughout the circumference. The

tree essentially imploded as the main bole fell straight down into the void and then tipped into the street." Galvin reported. Galvin also noted that in 1997 the USDA Agricultural Research Service identified the presence of the fungus *Laetiporus sulphurous* or sulphur mushroom, in the root crown of the tree. After implementing an aggressive program of pruning, fertilization, and crown reduction, the Wye Oak responded with increased photosynthetic capacity and sprout growth. This undoubtedly added years to its life until the laws of physics and the forces of nature conspired in a thunderstorm to end the tree's life.

The good news is that the Wye Oak lives on through cloning projects and the many offspring planted as seedlings. Wye Oak State Park is home to one of these progeny, which will one day shade the one-third acre covered by its parent's spreading crown. I have one of these children in my back yard, planted 10 years ago. As a seedling it was gnawed by rabbits, bumped by the lawn mower, and frozen in an ice storm. Like a fine racehorse, my twenty-five-foot tall Wye Oak shows the bloodlines of a true champion. Perhaps four hundred years from now, as archeologists investigate the society of a 21st century Southern



Maryland neighborhood, they too will marvel at the spreading crown of a massive White Oak and wonder how it got there... 🌳

Kane Experiment Station Celebrates 70 Years

By Barbara McGuinness, Writer and Editor, USFS Warren Forest Sciences Lab, Irvine, PA

The Warren Forestry Sciences Lab celebrated 70 years of research at the Kane Experimental Forest, May 29-31, 2002. Approximately 80 people participated in the public events, which included guided tours on sugar maple decline, forest growth and change after partial harvests, treating young forests, wildlife habitat, regeneration research, and carbon sequestration. Featured speakers included Susan Stout, Deanna Stouder, Michael Rains, Dave Marquis, Kevin Elliot, Jeff Kochel, Jim Grace, and Rep. John Peterson.

Susan Stout had four themes for the three-day celebration: experimental forests as national treasures, partnerships, longevity, and research that makes a difference. Jim Grace spoke about the partnership and friendship between the Warren Lab and DCNR. "It's almost like we're part of the same organization," he said. Deanna Stouder, Special Assistant to the Under Secretary for Natural Resources and Environment (USDA), talked about the three key roles of experimental forests, large outdoor laboratories, demonstration areas, and locations for cooperative research. Michael Rains, Northeastern Research Station Director, noted that 15 years ago, the nation had 110 experimental forests - now only 78 remain. "Our sense of history is beginning to erode," he said, and he emphasized the importance of experimental forests as national treasures. Jeff Kochel, of Forest Investments Associates, Inc., provided a 20-year overview of the symbiotic relationship of research and industry. "The strength of the unit lies in its personnel," said Jeff, "the lab [plays a] critical role in development and application of techniques." Jeff cited the examples of the guidelines to regenerate Allegheny hardwoods, how to deal with fern problems, and determining when pin cherry becomes a problem.

Part of the celebration was the unveiling of a plaque dedicated to Ashbel Hough, who joined the Allegheny Research Station in 1928, and led silvicultural research from its dedication in 1932 to his retirement in 1963. All four of Ash's sons, who spent every summer of their childhood at KEF, attended the celebration. Richard, Stephen, Walter,

and Thomas Hough reminisced about their experiences in Kane - from the great glaze storm of 1936, to detailed accounts of Ash's study sites, to more personal stories about their father. Richard Hough told us about Ash Hough the painter and furniture maker, and Tom talked about Ash's athletic ability. ❄

The following page contains photographs of Ashbel Hough during his formative years at the Research Station.
Ed



Participants visited current research sites on May 30 (from left: Bob Acciavatti, Jeff Higley, Roy Patton, Jim Hildebrand, Rick Heimenz, Martin Mackenzie, and Rick Turcotte)



Dave Marquis, project leader at the Warren Lab from 1970 to 1992, tells a story at the "Gee Whiz" plot, where visitors saw old growth black cherry worth more than \$10,000/acre



Richard, Thomas, Walter, and Stephen Hough unveil the Ash Hough memorial



Ash Hough taking a lunch break in the Allegheny Hardwoods



Station Director Reginald D. Forbes and Ash Hough

Coming Events

August 2002

20-22 Ag Progress Days, Rock Springs, PA.
814-865-2081 or BAH4@psu.edu

September

12-14 Pennsylvania Forestry Association and Pennsylvania Forest Fire Museum Association joint meeting in Shartlesville, PA (Berks County). Includes "Forestry Reunion" for family and friends of Bureau of Forestry employees on Saturday. Contact thepfa@juno.com or call PFA office (717) 766-5371

15 **Deadline for articles and photos for Fall 2002 issue of *The Allegheny News***

October

5-9 SAF National Convention, Winston-Salem, North Carolina, "Forests at Work"

10 *Ben Roach Forum*, Kane Country Club, Kane, PA. "A Comparison of Alternative Harvesting Methods & Technology" by Bill Osatrosky. Reservations 814-837-8550

25-26 2002 MD Forests Assn. Annual Meeting, Sheraton Hotel, Columbia, MD. Karin Miller phone or fax 301-895-5369 or mfa@hereintown.net

December

15 **Deadline for articles and photos for the Winter 2002-03 issue of *The Allegheny News***

February 2003

19-21 Allegheny SAF Winter Meeting, "NC PA: A Model for Multiple Use Management" Genetti's Hotel, Williamsport, PA.

April 2003

10-11 Joint meeting: PASAF, The Wildlife Society, American Fisheries Society, & Soil and Water Conservation Society, "PA's Changing Landscape: What Does the Future Hold for Our Natural Resources," ToftTrees, St. College, PA (more to come)

Future Allegheny SAF Meetings

2003 Summer - PA Rothrock Chapter

Future SAF National Conventions

October 22-25, 2003 - Buffalo, NY

October 2-5, 2004 - Edmonton, Alberta Canada (in conjunction with the Canadian Institute of Forestry)

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