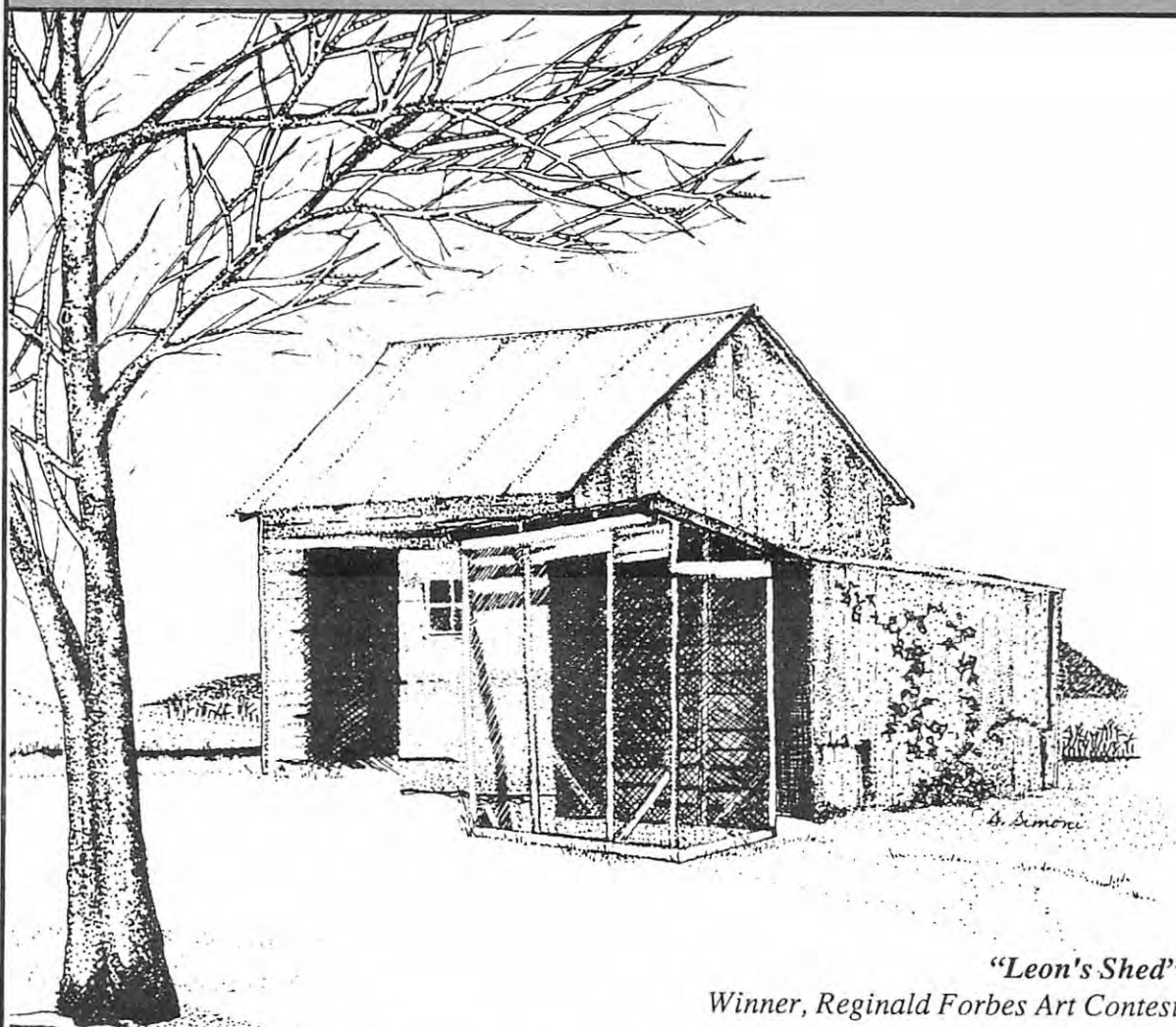


The Allegheny News



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Allegheny Society of American Foresters
Spring 1992



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The Allegheny News

The official publication of the Allegheny Society of American Foresters. Published four times annually: January, April, July and October. Subscription rates included in the annual Allegheny Society dues.

Editor

Jack Winieski

Layout

Catherine Winieski

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Changing Horses During Flood Stage

Although I wouldn't claim to be a great horseman, I suspect changing horses is never an easy maneuver, especially in the middle of a stream, and particularly during a flood stage. That is where our Allegheny Society and our profession finds itself. Bob LaBar has done a fine job, and I hope to do as well. But the forces bearing upon us are great, and to be honest, we old-timers find it difficult. When we were in school, the most complicated question we were asked by the public was, "What does a forester do, stay in a lookout tower?" Now everyone is an environmentalist, everyone is an ecologist, and most everyone is suspicious of our profession.

I came in on the tail-end of a session at the San Francisco convention last year which evidently had several papers deriding the practice of forestry in one way or another. A well-respected old-timer stood up during the time allocated for participation by the audience and said something like, "I'm tired of hearing all this self flagellation by our profession. You young fellows don't know how much we have of which we should be rightfully proud. He went on to describe the sorry condition fire protection was in at the turn of the century compared to today, the millions of acres that have been replanted to forests, and the general fine job we have done with our forest resources. I wanted to say, "Amen!"

Perhaps I'm overreacting, but I fear for the future of our profession if we as individuals do not do our part to inform the public of the "forest facts". We produce all the wood our country needs, and can continue to do so if too much of the resource is not set aside for single (or no) use. Every American uses the equivalent of one good size tree each year of their life. Conversion of wood to useful products is less energy demanding, in most cases, than any conceivable substitute. We know all this, John Q. Public does not.

The Society of American Foresters, with all its real and perceived defects, is the best vehicle we have to assist us in taking the truth (we don't need lies) to the public and the decision-makers of our nation. Our country can't afford for us to fail.

Harry V. Wiant, Jr., Chairman
Allegheny Society of American Foresters

Members and Views

Editor/Director Note

Oops! This is all the space I have remaining! It is my pleasure to introduce our first Allegheny News of 1992. Entrusting me with our communications means a lot to me. We deserve the best and that's what I'll strive for - with your help in the form of contributions (deadlines the 15th of June, Sept., Dec. and March) and cooperation. Please, I'm open to constructive criticism, (717) 432-3646.

As for the Executive Director hat, call if you think I can facilitate things: local problems, issues, questions, or forms or service from the National office. ♪

Delaware Forest Technicians Take the Oath

Forest Technicians **Jim Dowd**, Blackbird State Forest, and **Oscar McCabe** and **Bob Ragin**, Redden State Forest, recently completed forest fire training at the Delaware Fire School. They were certified and sworn in at a ceremony conducted by Delaware State Forester **Robert Tjaden**. Ready for the 1992 fire season! ♪

Appalachian Professional Foresters Association Meets

by *Robert C. Webster, Jr.*

President **Rex Harper** called the meeting to order, 8:53 p.m., January 30, 1992, following a social hour and dinner at Barton's Restaurant. Minutes and treasurer's reports were approved as read.

Peter Miller reported on the Savage River Advisory Committee and on the progress of the Savage River State Forest Plan. **Rex Harper** agreed to represent the group at the hearing with assistance from those familiar with the issues and content of the plan. Written comments would be accepted until April 18, 1992. **Rex**, along with **John Marsh** and other interested parties, will also draft comments from the foresters' view point on the George Washington National Forest Management Plan.

Discussion concerning the possibility of forming a Western Maryland Chapter of the MD/DE S.A.F. was inconclusive.

Association Elections followed with successful candidates for 1992 being: President, **Bernie Zlomek**, Vice President, **Steve Resh**, and Secretary/Treasurer, **Wade Dorsey**. The next meeting will be held at the Westvaco Training Facility on June 4, 1992. Meeting was adjourned at 10:05 p.m. ♪

Glatfelter Safety Record

by *Scott Kurtzman*

On January 23, 1992, The Glatfelter Pulp Wood Company reached 800,000 employee hours without a lost-time accident ; 5 1/2 years for the Company's 72 employees. This is a significant accomplishment, considering that many of these employees work in high risk jobs involving the harvest and transport of forest products.

The Glatfelter Pulp Wood Company is the forestry subsidiary of the P. H. Glatfelter Co., Manufacturers of printing, writing and specialty papers. The Pulp Wood Company is responsible for assuring a steady supply of wood fiber to Glatfelter's pulp and paper mill in Spring Grove, PA. ♪

The paper for this newsletter was manufactured from wood grown in the productive forests of the Mid-Atlantic Region, and donated by the P.H. Glatfelter Company.

Rothrock Chapter Minutes

by *Ellen Manno*

The winter Executive Committee meeting of the **Rothrock Chapter**, met with all in attendance, at Duffy's in Boalsburg, PA, 1/29/92. A Conservation District program offering SAF the opportunity to increase the involvement of foresters in an advisory or Associate District Director role was discussed. It was agreed to proceed with the necessary applications for interested members **Bruce Snyder** and **Todd Bowersox**.

Budget considerations, created by aggressive student subsidization activities led to possible ways and means projects to offset a negative cash flow. Members were asked to consider \$70 donations to cover half of library gift subscriptions to the **Journal of Forestry**. A request for a Chapter ad in the Penn State *Sylvan* was rejected until the treasury is in better shape. **Chuck Strauss** will conduct the usual audit prior to the transferring of fiscal records to the incoming treasurer **Don Summner**.

Program Chair **Joe Harding** will make arrangements for the May 28, 1992 meeting, and **Ellen Manno** will provide name tags. Only 1775 hours have been pledged to "Mission Possible" by 36 Allegheny Society members as of January (fill out the card in this issue, report past contact with the public and challenge yourself to make contact with the public).

Meeting adjourned at 2:30 p.m. ♪

West Virginia Division's Winter 1992 Meeting Focuses on Renewal

by W. E. Kidd, Jr.

Dr. John W. Gardner in his "Renewal of Organizations" states that: "Organizations often run down. But their decay isn't inevitable. Like people and plants, organizations have a life cycle. They have a green and supple youth, a time of flourishing strength, and gnarled old age. Organizations differ from people and plants in that their cycle isn't even approximately predictable. An organization may go from youth to old age in two or three decades, or it may last for centuries. More important, an organization may go through a period of stagnation and then revive and then go into a wholly new cycle. In short, for organizations, decline is not inevitable. Organizations need not stagnate. They need not go to seed. They can renew themselves continuously."

Chairman Roger Sherman issued a call for renewal to the membership of the West Virginia Division. A group was formed to develop an agenda for renewal, the first part of which occurred at the Winter meeting in Sutton, WV, January 16 and 17, 1992. The meeting was designed to address the problem of poor participation by the membership. Some hypothesize that the reason lies in few opportunities for membership to become involved in the mission and governance of the Division; some say that the Society and the Division have little relevance in the rapidly developing natural resource policy debates of the day. For those who are not members or who drop their membership, the reason often given is that the society has nothing to offer. Perhaps all are true with one taking precedence over the other depending on the expectations of each individual member.

Chairman Sherman, in his introductory remarks, touched upon the above and shared his belief that the time has come for the membership to engage in the process of renewal: an examination by ourselves of who we are, what we want to be, how we will become what we want to be, and most importantly, how we will sustain ourselves and continue to grow. He then introduced Dr. Delmar R. Yoder, Professor and Extension Specialist, Resource Development, at West Virginia University. Dr. Yoder's special talents in helping organizations "step away" from themselves momentarily to reflect upon changes have been used by a variety of groups in the state and nationally.

Under Dr. Yoder's leadership the membership defined the things necessary to make us successful; what issues are current and emerging that may require adoption of new ideas, methods, and concepts to keep us successful, and what changes can the West Virginia Division make to be effective in a redefined operating environment. In the second day session, the group already intensely involved

in conversation, was asked to begin to develop a VISION OF THE FUTURE for the West Virginia Division. After much discussion and soul searching by the participants, consensus was reached on the following three action areas: FINDING COMMON GROUND, PUBLIC POLICY, and SOCIETY/MEMBERSHIP ISSUES. Participants then identified 48 items that they believed should be included in the action areas. Chairman Sherman appointed a chairman for each of the areas with the charge to form a committee and develop a program for each of the areas to be discussed at the Summer meeting. ♠



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Councilman's Corner

by Brian Payne

What's happening at the SAF Council? Here are my comments on the agenda items for the Council's spring meeting at "Wild Acres," April 23-25, 1992.

- Investments and Financial Situation - the outlook is promising.
- R.N.R.F. Update - progressing slowly.
- Membership Campaign - we're growing, but too slowly.
- Land Ethic - referendum for the membership later this year.
- Wild Acres - a stewardship plan after 20 years!
- Mission Possible - our community outreach is gaining.
- Responding to Media Reports - more aggressively.
- 1995 Convention Site - Allegheny, New York, New England?
- Report from the New Editor of the Journal of Forestry.
- Policy Task Force Reports: Long-term Forest Productivity, Endangered Species, and Clean Water Act.
- Review of the Policy Position Statements - some will expire.
- SAF Role as a Policy Advocate - more and louder?

Please call me (202)205-1571 if you have any questions or comments. Δ

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Plateau Chapter Winter Meeting

by Susan Stout

The Plateau Chapter held its winter meeting at the Holiday Inn in Warren, PA on March 18, 1992. Thirty members were in attendance. **Rob Nelson**, Lands Forester with Mattson Lumber company was unanimously elected Secretary/Treasurer, to work with Chair **Mike McKain**. A report on the Winter meeting in Lancaster was given by **Mark Webb**.

Dr. Heather Harvey, Planning and Design Team Leader of the Allegheny National Forest was guest speaker for the evening. She discussed the three types of decision documents that National Forest Managers prepare to ensure compliance with the National Environmental Policy Act (NEPA). The appeal process was reviewed in detail, which allowed members to participate constructively in the process. The day after the meeting however, the Secretary of Agriculture announced his intention to make major changes to the process. These changes will be published shortly in the Federal Register. The Forest Service will receive written comments for 30 days after publication, then a final decision regarding the appeals process will be made. For further information contact **Kathryn Hauser** at (202)205-1346. Δ

Sandy R. Cochran Memorial Fund

The Sandy Cochran Memorial Fund is a privately endowed fund created in memory of **Roe S. "Sandy" Cochran**, Area Forest Resources Specialist of the Pennsylvania State University; School of Forestry, in Ridgway, PA. from 1966-1991. The fund was created by Sandy's colleagues to memorialize his achievements by helping others achieve his visions.

Sandy's vision included all professional levels in the forestry community: sawmillers, loggers, foresters, and educators. He wanted people to work safely, to apply the best management practices in the woods, to recognize and cultivate the most promising markets for forest products, to be aware of the most recent research results and technologies, and to work in a policy environment created by informed political leaders.

Contributions to the Fund are administered by the Warren Foundation of Pennsylvania with grants to be reviewed by a seven-member board, representing a designee from a group of institutions related to Sandy's interests.

Tax deductible donations, made payable to **Sandy Cochran Memorial fund**, may be sent to: **Allegheny Hardwood Utilization Group, P.O. Box #845, Bradford, PA 16701.** Δ

New Jersey Elects

The Board of Directors of the New Jersey Forestry Association (NJFA) unanimously elected Dick West to serve as President of the NJFA for the 10th year.

Officers for 1992 are: President **Richard F. West**, Vice President **Charles C. Ryan**, Treasurer **Allison Hosford-Knight**, and Secretary **Ronald J. Sheay**.

Olin D. White, Jr., New Jersey's State Forester, was recently elected president of the National Association of State Foresters (NASF) at its meeting in Seattle, Washington.

The NASF is comprised of the directors from 53 state and territorial forestry agencies who are responsible for the management and protection of the nation's state and private forest lands. Δ

Fifth Annual Student Quiz Bowl

by Kim Steiner



The fifth annual Student Quiz Bowl was held February 20, 1992 at the Allegheny Society winter meeting in Lancaster, PA. This popular event tests the "forestry knowledge" of contestants from forestry schools and colleges in the Society. It also tests the "experts" - those anonymous pedagogues who make up the questions and supply the answers.

The team of **Philip Kisner**, **Doreen Layton** and **Mike Schofield** from Allegheny Community College emerged victorious over Pennsylvania College of Technology in the forest technology division. **Thad Yorks**, **Ray Nelling** and **Charles Engel** of Penn State took overall honors, triumphing over West Virginia University in the professional school division and A.C.C. in the final round. Special thanks are extended to **Jack Winieski**, **Tim Kaden** and **Jim Hale** for judging the contest.

Previous winners have been Allegheny Community College (twice), Rutgers University, and West Virginia University. Δ

Third Annual Western Maryland Field Day



The Maryland Forests Association will sponsor the Third Annual Maryland Loggers and Forestry Field Day, June 12-13, 1992 at the Garrett County Fairground in McHenry, MD. It will open on the 12th, noon to 8:00 p.m., and continue on the 13th from 9:00 a.m. to 5:00 p.m.

The Field Days feature state-of-the-art logging machinery displays, professional logging competitions, and educational information and programs for all. Some general interest programs scheduled include: Birds of Prey demonstrations, Allegany Community College's Old Time Woodsperson's competition, Maryland DNR's Scales and Tales program, West Virginia DNR's demonstration sawmill, Old Time Horse Logging, Forestry Information Scavenger Hunt, and educational exhibits from fisheries to papermaking. The event promises forestry education in an informal atmosphere for everyone, young and old.

For more information contact Co-Chair **John Forman** at (301) 334-9451, or **Pete Miller** at (301) 895-5369. Δ

Maryland Tree Farmers

Gibson Island Corporation, their Forestry Committee aptly headed by **Dorr E. Tippens**, has been named Maryland's **Outstanding Tree Farmer for 1992!**

The Maryland Tree Farm Committee also announced the **1992 Tree Farmers of the Year** for their respective counties: MFA member **Dennis Woodruff** for Charles Co., **Michael Cherry** for Anne Arundel Co., **William Haber** for St. Mary's Co., **Mr. & Mrs. Warren Powell** for Calvert Co., **White Rock Recreational Area** of Garrett Co. as the recreational area, MFA members **John & Jean Blake** for Frederick Co., and the **Town of Emmitsburg** of Frederick Co. as the municipality for 1992.

John Riley, Director of the DNR Division of Forestry was officially appointed as the Maryland State Forester in December 1991. Congratulations and best wishes! Δ

Why Be a Member of S.A.F.?

by Earl A. Higgins, PA Division Chair



Being a member of the **Society of American Foresters** is more than a magazine, more than meetings, more than dues. It is a philosophy, a commitment, a discipline, a leadership developer. SAF is a vehicle for quality exposure.

Foresters need to come together and adequately address the growing public demands for forests and forestry. The general public is not getting their money's worth from their expressed demands. They are getting half the story from people with a limited agenda.

The issues involve too many forestry disciplines to have a few active members cover all the bases. The more members, the more all the issues will be covered by dedicated professionals. We need you and the other foresters you know that have not been approached lately to join. The **Society of American Foresters** needs a "broad knowledge base" to carry us into the future. That knowledge base is the diversity that makes forestry more than trees, wildlife, water, minerals and recreation. Forestry is people who know, better than anyone, what needs to be accomplished to realize a healthy renewable resource. We need you to make this happen.

There are personal reasons for joining the Society. Foresters are getting to the age of retirement and many positions are going to be filled by the next "crop" of foresters. The "young" folks are going to get the nod. There is going to be competition for the "senior" positions. If you look around, just for a little bit, you'll realize that many of the people calling the shots are members of SAF.

Now let's suppose that you are in close competition with an SAF member and you recently dropped out of the Society. Who might have a better chance at the position (rightfully or wrongfully)? Can a person take that chance? How lucky do you feel? Relate this scenario to someone you feel would or could profit from a few thousand dollars a year extra in their paycheck for the rest of their career. Quality exposure puts the member's name on the lips of the people making the decisions. "Oh, yeah, I know Jane.

She served on the SAF committee that was able to get that ordinance workable in Forest Township."

Members seem to be more confident, possess higher self esteem, are well rounded leaders, doers, in the "thick of it," involved, supportive, volunteering, knowledgeable and all around nice people. How did they get that way? The Society played a big part in making them that way. SAF is people that need to be with, learn from, share with, add to and be a part of everything that is forestry. The organization takes foresters with a sense of loyalty to the profession and makes them forest leaders. They learn their skills from other members that get a kick out of seeing others succeed.

SAF members have a certain camaraderie, a fellowship, that lasts throughout their careers. Those contacts continue to strengthen and open unseen doors in the future. These friendships are what makes belonging for me the most important reason of all.

How can you help someone be part of the team? Ask them! Contact two nonmember colleagues and ask them to join. Use some of the strong reasons from above or some of your own reasons for belonging. Contact **Roy Siefert** (w: 814-274-8474 or h: 814-647-8525) or **Earl Higgins** (w: 215-469-6217 or h: 717-233-0778) and ask them "What can I do to help get new or renewal members?" Sponsor a student member. Invite a nonmember to your next chapter or state meeting.

The organization is in place for the recruitment of many new quality members. It is many individuals, doing a little, to accomplish a lot. Be proud... be part of the excitement! Δ

Ask a Colleague

Few people join SAF without being asked. It's a fact. If you're asked to join an organization, at least you have to consider it - especially if the question is popped in a personal conversation.

It's not necessary to convince most of us that, as practicing foresters at all levels, we're faced with a lot of tough issues. Where are the answers? They're in the combined experience of all of us, tempered with state-of-the art application to economic and social changes - the balance we talk about.

Without the broad contacts in SAF, we could become very narrow in our approach to professional decisions: in education, research, or practice; in industry, government, or private consulting. Peer contact is the best way to keep a broadly focused perspective. SAF provides that opportunity for peer contact with generalists and specialists.

Tell your professional colleagues, foresters and other resource professionals why you're still a member of SAF; selfishly to grow professionally and unselfishly to help the profession. Then ask them to join you and the other 18,000+ dedicated members in SAF to help lend that sensible balance to the pressing issues. Why not set a goal to do it this week? Δ


Register Now
for the Allegheny Section Summer Meeting

Deer and Forest Ecosystems:
A Pennsylvania Story

September 16-17, 1992
Warren, PA

In 1980, the Deer/Forest Management Committee of the Plateau and Northern Hardwood Chapters of the Society of American Foresters installed a major study to determine what level of deer density was compatible with successful natural regeneration of hardwood forests. For ten years, deer densities were controlled inside 16 fenced enclosures in four different locations. The summer meeting of the Allegheny Section will give you a chance to learn what effects deer densities ranging from 8 to 64 deer per square mile had on Allegheny Plateau Forests, including regeneration and diversity of wildflowers, songbirds, and small mammals. On Wednesday afternoon, you'll hear detailed reports on the deer problem and the results of the study, and all day Thursday, you'll be in the study areas to see for yourself.

The meeting will take place in Warren, Pennsylvania, the heart of northwestern Pennsylvania's beautiful Kinzua country. The research talks will take place at the Holiday Inn in Warren, while the field trip will take us to Pennsylvania State Gamelands 30 and the Allegheny National Forest in Warren County.

REGISTRATION

Registration fee of \$35.00 includes: Abstracts at meeting, breaks, and field trip. Registrations postmarked after September 2 will be \$40.00. Banquet Wednesday evening is \$15.00 and a bag lunch for the field trip is \$5.00. Additional tickets for the field trip only are \$8.00. Student scholarships are available from the sponsors (inquire at address below).

Deer and Forest Ecosystems: A Pennsylvania Story
Summer Meeting, Allegheny Section, Society of American Foresters

Name: _____

Address: _____

Employer: _____

Telephone: _____

Make check payable to:
 Plateau Chapter SAF and mail to:
 Summer SAF Meeting
 Forestry Sciences Lab
 P. O. Box 928
 Warren, PA 16365

_____ Registration	@ \$35	=	_____
_____ Banquet	@ \$15	=	_____
_____ Field Lunch	@ \$5	=	_____
_____ Additional Fid Trip	@ \$8	=	_____
TOTAL			= _____

Lodging information will be sent upon receipt of registration.

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How? By volunteering your time and talents in natural resource related community outreach.

What? Youth projects, media or legislative contacts, presentations, clean-ups—the sky's the limit!

When? Aug. 1, 1991 through Aug. 1, 1992.

Who? You and 19,000 fellow SAF members! (See the August 1991 JOURNAL OF FORESTRY for more details!)

Name: _____

Address and phone number: _____

Name of state society/chapter: _____

In the next year (through Aug. 1, 1992), I will devote _____ hours to natural resources related community outreach. This is what I will do (if you're already active, let us know!):

(Signature) _____

Return this card now.

Questions? Contact SAF Public Affairs, 5400 Grosvenor Lane, Bethesda, MD 20814 or call 301/897-8720.

Mission Possible Challenge!

Russel Burns, Chairman of the National Capital Chapter has challenged the Allegheny Society to match their participation in the "Mission Possible" campaign. As of February 1992, **8.1% of Capital members are contributing 3.9 hours each** as compared to **3.4% and 1.9 hours among Allegheny members** (37 members and 1,995 hours).

To refresh our memories, "Mission Possible" is S.A.F.'s attempt to provide 100,000 hours of natural resources related community service by August 1, 1992. As of February 1992, just 37,543 hours have been pledged by 738 members nationwide.

Most of us are doing volunteer outreach already: Scouts, Project Learning Tree workshops, civic club programs, shade tree/park, planning commission advisors, K-college classroom instruction, career days, nature tours with resource related clubs, etc. Why not challenge yourself to get involved with the community -- and in the process, have the opportunity to tell our story and earn the public trust through these contacts.

If you've lost your card (enclosed in a recent *Journal of Forestry*), fill out or copy the above facsimile and send it to:

Public Affairs Department
Society of American Foresters
5400 Grosvenor Lane
Bethesda, MD 20814-2198

P.S. Today would be nice!

Mann & Parker Celebrate 90th Anniversary

January 1992 marked a milestone for **The Mann & Parker Lumber Company** with 90 years of continuous business and service to customers. The company was established in Baltimore, Maryland, by **Frank Parker** and **Stephen Mann** in 1902 and acquired by **Robert R. Bushman, Sr.**, in 1956. The entire operation was moved to New Freedom, PA in 1972.

The Customer Service Center features a new corporate office annex highlighting Pennsylvania hardwoods: ash, butternut, cherry, hickory, hard maple, red and white oak, poplar and walnut. The Mann & Parker Lumber Company is recognized as one of the largest independent distributors of forest products, specializing in domestic hardwood lumber and allied products. Δ

Western Maryland PLT Workshop First for Facilitators & Teachers

by Peter Miller

James Allen and **Ann Wellham**, Garrett Community College, **Louise Upole** and **Wade Dorsey**, DNR-Forestry Division, **Alice Hevner**, Cooperative Extension-4H, and **Karin Miller**, Project Wild Facilitator, completed Project Learning Tree Facilitator training at Green Ridge State Forest. The two day session, February 7 and 8, 1992, prepared these individuals to conduct six-hour workshops for teachers and other youth leaders working with K-12 students.

Workshops acquaint participants with the PLT method and use of K-6 and 7-12 activity guides with hands-on activities, using high-order learning skills. Starting with a tree or forest ecosystem, students become involved in a "fun" activity in or outside the classroom, and are exposed to one or more of the seven principles of PLT while learning math, social studies, language arts, science, etc. **Alice Hevner** truly believes that, "PLT activities work with a variety of teaching and learning styles."

PLT activities surface student attitudes and values, put them in problem-solving situations, and address the management of the resource - takes them from Awareness, through a Knowledge base, to effect a Life-Style change.

The Garrett County Forest Conservancy District Board is sponsoring a PLT workshop on May 2, 1992 and again in the Fall in the County. Teachers and youth leaders (scout and church-camp leaders) you know should contact **Mike Kozier** at (301)334-1901 or **Wade Dorsey** at (301)334-3296 to attend the next workshop. Δ

Ben Roach Forum

The next **Benjamin A. Roach Forestry Forum** will be held October 15, 1992 at the Kane, PA Country Club. **Bill Ticknor**, former Mead Paper Company executive, will share his vision of the realities to be faced by the forest industry in the 21st century. Contact **Susan Stout**, Forestry Sciences Laboratory, P.O. Box #928, Warren, PA 16365, (814) 563-7587 to be placed on the mailing list. Δ

P.F.A.'s Project Apple Polisher

The **Pennsylvania Forestry Association (PFA)** Education Committee has introduced "Project Apple Polisher" in an attempt to place copies of the *Pennsylvania Forests* in more libraries of school systems. As a special project this year, the Committee has developed four environmental education inserts in *Pennsylvania Forests* for teachers and parents interested in learning more about the forest resource. Currently 193 schools receive four copies of the magazine each year, but the goal is to make it available to as many teachers and librarians as possible.

To sponsor a subscription of *Pennsylvania Forests* to your favorite school or local library, send a \$10 check with the name and address of your school/community to: PFA "Project Apple Polisher," 56 E. Main St., Mechanicsburg, PA 17055. Δ

Publications of Interest

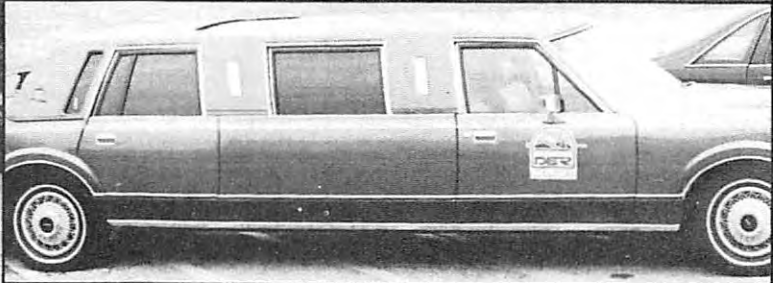
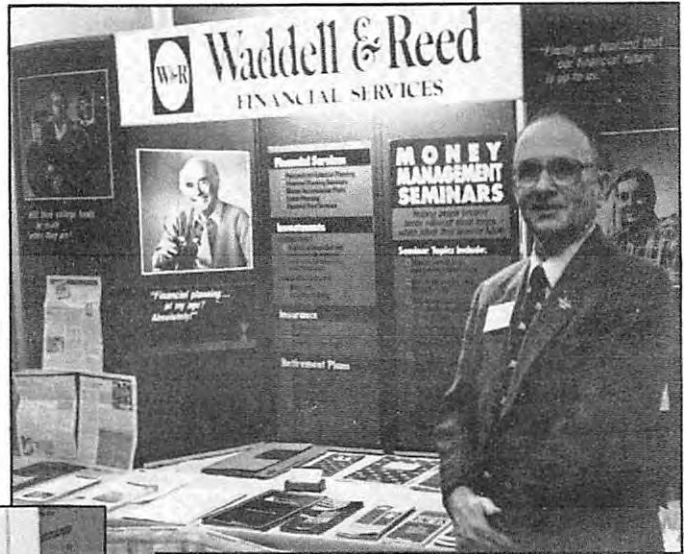
"**Sugar Maple Crown Conditions Improve Between 1988 & 1990**", Jan. 1992, NA-TP-03-92.

"**The Forest Response Program**", Aug. 1991, Bulletin #622. (Research on the effects on acidic deposition & ozone).

USDA-Forest Service
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"**Trees & Shrubs - for Living, for Wildlife, for Conservation, In the Mid-Atlantic States**", **Duane L. Green**. The color photographs, simple explanations of importance and uses makes this an excellent support to K-12 classroom teaching and Project Learning Tree. (\$5 for 1 copy, \$3 ea. for 10 or more, post paid check to "State of Delaware").

State of Delaware
Tim Kaden
DE Dept. of Agriculture
2320 S. DuPont Highway
Dover, DE 19901





Random Notes on the 70th Annual Winter Meeting

by Charlie Newlon, General Chairman

If you've never volunteered to help with a SAF meeting, you should. The 1992 Lancaster meeting was a fine example of members taking responsibility, but more so, an example of leadership training. In this case, the Allegheny and National Capitol members putting a fine technical and social program together and involving some of us for the first time. Thanks to all!

Some happenings, observations and news for those not able to attend...



Reginald Forbes Art Contest: A revised format of Amateur and Open Classes, each with flat and 3-dimensional categories was introduced this year. All entries by artists were within either Class and category for judging. Keep in mind, the By-laws provide for entries from members and their immediate family.

\$50 Prize Winners:

Amateur Class flat art - Suzanne Simoni, line drawing "Leon's Shed"

Amateur Class 3-dimension - Lloyd Casey, carved "Hummingbirds"

Open Class 3-dimension - Tom Birch, carved "Owl"

Artists making donations to the silent auction reserved the right to specify a minimum bid and received 50% of the proceeds.

Forester's Fund Silent Auction:

Signed/numbered photographs, 16" x 20", Cibachrome-Ready for framing, donated by **Zane J. Cornett** (Pinchot Chapter guest from Alaska)

"Where's My Momma?" (Moose calf) purchased by **Tom Birch**

"Fat Cat" (Bob cat) purchased by **Earl Higgins**

"Alaskan Landscape" purchased by **Bill Banzhaf**

"Reigning Royalty" (Adult moose) purchased by **Alex Day**

Operations Fund Raisers: Items donated and artistry by **Tom Birch** (Valley Forge Chapter)

Hand-carved baby blue birds (Value \$450), raffle proceeds to operation of the Allegheny SAF Executive Director's position - winner, **Robert Rumpf** (Keystone Chapter)

Ruddy duck casting of an original carving by world championship carver Jim Sprankle, hand painted by **Tom Birch** (Value \$175), proceeds to operations of the Valley Forge chapter - winner **Roxanne Palone** (West Virginia Chapter).

The Awards Banquet was well attended with many members donating banquet tickets to forestry students from attending schools and colleges. Earl Higgins and alter-ego Roy Seifert moved among the diners facilitating awards delivery and last minute ticket selling.

Walter Gable, recently retired Delaware State Forester, received the Outstanding Service to the Allegheny Society Award.

Golden Member Certificates were awarded to: **Errett M. Conway, P.M. Felton, Gordon G. Hillgartner, Walter J. Kidd, Jr., and John F. Tillinghast.**

The honor of Fellow in the Society of American Foresters was formally bestowed on **Ron Sheay**, past chair of the Allegheny Society.

A moment of silence was observed by all for SAF members who have died in the past year: **Sandy Cochran, Dick Trimble, Ted Perdos, and Bill Ward.** Remarks by Executive Vice-President **Bill Banzhaf** and District Council VII Representative **Brian Payne** were followed by the transfer of Allegheny Society Chair from **Bob LaBar** to **Harry Wiant, Jr.** Chair Wiant's remarks encouraged increased participation by members in programs "Mission Possible" and "20,003 in '93," and that only a continued cooperative effort can insure the viability of the Society. Δ



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People Make it Happen!

S.A.F. Winter Meeting Lancaster, PA

by Earl Higgins

Many now know "what goot is" in Lancaster. Attendees at the February 19-21, 1992, 70th Annual Meeting of the Allegheny and National Capitol Societies were treated to an outstanding opportunity; camaraderie and technical update.

Charlie Newlon, as General Chairperson, kept the speakers and program on schedule with ideal facilities and arrangements through the efforts of Doug D'Amore and Jeff Stuffle. Between running from the hotel management office and the registration desk, Doug was heard to say, "The members bought the whole seat but they'll only need the edge." It was in fact a very exciting, fast-moving, energy packed dispensary of Facing Up to the Issues.

The session opened with the field trip to a *Wetland Mitigation and Nursery Project* hosted by Mark Gutshall of Land Studies, Inc. and a *Fencing for Stream Protection and Wildlife* project hosted by the PA Game Commission. *Maintaining Water Quality - Forestry's Role* continued the electrically-charged program with presentations from Ann Faulds, Stroud Water Research Center; Don Knorr, Ecology Group, ERM; John Wallace, Chesapeake Bay Alliance; Scott Kurtzman, Glatfelter Pulp Wood Co.; Ann Bartuska, U. S. Forest Service; Dave Gregg, PA Bureau of Forestry; Mark Golitz, Walter H. Weaver Co.; and Gene Wingert, Cumberland Valley School District.

Excellent discussions followed concurrent session presentations by other selected speakers on; *Health of the Allegheny Forest: What's the Prognosis?*, *New Approaches to Lingering Problems*, and *A New Social Order for Forestry*. Tom Birch, Dave Gansner, Kathy Hauser and Sue Lacy deserve the credit for the technical program. Kim Steiner reorganized the *Student Quiz Bowl* from questions on up and competition was keen. The ever popular *Forbes Art Contest* was coordinated by Tom Schenarts, after a restructuring and expansion of the contest by Tom Birch. Fund raising raffles were scammed by master scammer Roy Siefert and his alter ego Yours Truly. Bob "Join the SAF or Fail" Shipman put together the student program.

A Leadership Training session for Allegheny Society officers and other interested members was presented by National Executive Vice President Bill Banzhaf and District VII Council Representative Brian Payne. The business meeting capped the program - a very successful one indeed!

I stongly suggest that other Chapters/Divisions volunteer to host future meetings as a training ground for younger members (and a fund raiser). Bob LaBar's monograph on "How to Plan and Execute a Successful Meeting" was a great assist - thank you, Bob! ♠

Meetings

Allegheny Society Executive Committee Meeting

February 19, 1992 • Lancaster Co., PA

The Executive Committee meeting was Co-Chaired by Chair-elect Harry Wiant, Jr. and Chair Robert LaBar. The Meeting was called to order at 9:05 pm.

The following Executive Committee members were present: Bob LaBar, Dwight Fielder, Susan Stout, Earl Higgins, Jack Winieski, Mark Vodak, Kurt Gottschalk, Tim Kaden, Harry Wiant, Jr., Bruce Brenneman, Roger Sherman, Ellen Manno, Betsy Gallace, Mark Webb, Roy Siefert, Charles Newlon, and Kim Steiner.

Guest: Larry Hill, SAF National Office (Policy Department) attended and offered welcome comments on several issues under discussion.

PA Division Chair Earl Higgins questioned the Committee if it would be proper to ask Chapters and Divisions for a donation of twenty dollars to be applied to door prizes at the winter meeting. A discussion followed on how past winter meeting hosts handled the procurement of the door prizes. The opinion of the Committee was that the host procure the prizes without donations from other Chapters or Divisions. Higgins offered another proposal to increase membership in the Allegheny Society by offering a "rebate" to those new members who are considering a membership, but because of their financial situation, decline to join. Comments by Committee members followed: Fielder-why offer a rebate if a professional forester is not committed to the profession? Winieski & Stout- suggested that dues be structured around the individual's salary, rather than years as a member. Larry Hill commented that this latter alternative had been looked at by the National Office, but concluded it would be difficult to control. Roger Sherman-felt that if the twenty-five dollar rebate is that important to these individuals, they probably would not participate anyway. Motion by Higgins: To offer a rebate on new memberships from twenty five to thirty dollars, to be financed with monies by Higgins, within the time frame of the National "20,003 by '93" campaign. Motion was seconded. The Chair called for the vote, the motion was defeated.

Larry Hill mentioned that Art Smyth, past National Chair was appointed to direct the National "20,003 by '93" membership campaign, filling in for Gene Grey, who has moved on to other duties.

Chair LaBar introduced Jack Winieski as the New Allegheny Society Executive Director. He explained to the new committee members how the selection was made,

(continued on page 14)

Executive Committee Minutes

(continued from page 13)

how the interview process went, and reviewed the duties of the Executive Director. He also gave an update on the activities Winieski has been involved with since January 1, 1992. Chair-elect Wiant read the contract for the Executive Director position, which will be in effect for two years.

The question was raised as to who does the Executive Director report to directly - answer, the Chair of the Allegheny Society. Motion was made: To accept the contract as read. Motion seconded, and approved.

Roger Sherman suggested the addition of the Executive Director duties to the Allegheny Society By-laws. Motion was made: The Allegheny Society Chair appoint an ad-hoc committee to administer the changing of the By-laws to include the duties of the Executive Director. Motion was seconded and approved.

Chair LaBar informed the Committee that William Banzhaf, Executive Vice President of the National Society of American Foresters will be at the business meeting on Friday, February 21, 1992.

The Treasurer's report was read. Motion was made: To accept the report as read. Motion was seconded and approved.

New Business

The National office has asked that the individual societies consider signing a "Letter of Agreement" with National to encourage quality performance to the membership by both the National and State societies. This proposal was presented and well recieved at the House of Society Delegates in San Francisco. The concept being that written agreements are helpful in monitoring progress of both the National and State Societies in providing service to its "customers".

The Executive Committee expressed some concern as to the need to sign such an agreement. It was suggested that the agreement be placed in the Allegheny News to draw feedback from the membership. Chair-elect Wiant stated that he was apprehensive to sign such a lengthy document. Roger Sherman suggested delaying the Executive Committee's vote on this item. A motion was made: To send the agreement to all Executive Committee members and the Standing Committee Chairs for their input. Motion was seconded and approved.

Chair LaBar reminded the Division and Chapter Chairs that the Forester's Fund is available for their use and that a Project Proposal form is to be submitted to the Executive Committee by the Society unit for approval and forwarding to the National for consideration. The Northern Hardwood Chapter has submitted a Forester's Fund proposal for \$500 in order to conduct a Woodland Stewardship Education Workshop and extension through local libraries and schools via videos and booklets. Chair

Wiant asks that the Executive Committee members read the proposal and be prepared to vote via a telephone conference call.

Roger Sherman discussed the West Virginia Division's problems with attaining mailing labels from the National office. This will be discussed with Vice President Banzhaf during the meeting, in the meantime, contact Jack Winieski for label orders, (717) 432-3646.

Susan Stout explained the opportunity to nominate a member for the Barrington Moore Memorial Award by the June 1993 deadline. She pointed out that most nominees are not selected the first year and that the National office carries nominations for three years. A motion was made: For Susan Stout to proceed with the nomination procedure. Motion seconded and approved.

Old Business

Susan Stout reviewed the arrangements for the SAF summer meeting in Warren, PA. (see enclosed information and registration form).

Kim Steiner reported on the new and revised Student Quiz Bowl rules and format. All student coordinators are in place and their input has been incorporated into the contest.


Jack Winieski discussed the Allegheny News format and requested that Chapter and Division Chairs appoint a Newsletter Chair for their unit and also encourage any member to submit news and articles pertinent to the Society. There will be four issues each year with **deadlines for material on the 15th of March, June, September, and December.** Dates of Society unit meetings should be forwarded, as well as notices of transfers, retirements, deaths, etc. Newsletters will be mailed the first week of the month after each deadline.

Priority considerations for Executive Director Jack will be to reestablish communications through regular Newsletters, quality meetings, and liaison among Chapters, Divisions, and the National. Jack will attempt to attend as many Allegheny unit meetings as possible, so let him know the dates of your meeting well in advance.

Chair LaBar explained the passing of the Chair from himself to Chair-elect Harry Wiant, Jr. There being no further business, the meeting was adjourned at 10:55 p.m.

Respectfully submitted,

Timothy A. Kaden, Secretary/Treasurer
Allegheny S.A.F.



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Scott Kurtzman, Chairman
(717) 225-4711

Allegheny Society Business Meeting

February 21, 1992 • Lancaster Co., PA

The General membership business meeting was opened by Chair-elect Harry Wiant Jr. at 10:30 am.

The Treasurer's report was read. A motion was made: To accept the report as read. Motion was seconded and approved.

Committee Reports

FIRE - No report at this time.

AWARDS - Committee chair is concerned that members are not being nominated for awards, and he wonders if the procedure needs to be changed. A suggestion was made that members submit their own names. Roger Sherman recommends a timely reminder to Division and Chapter Chairs of the requirements and filing deadlines (see page 43, March 1992 *Journal of Forestry*).

FOREST RESEARCH - Report to follow separately.

NATURAL AREAS - No report.

ENTOMOLOGY & PATHOLOGY - The Asian Gypsy moth is in the west coast area of the U.S. and the female can fly a distance of five to ten miles. A full report will follow.

FOREST HISTORY - No report

POLICY & LEGISLATION - No report.

NEWSLETTER - Jack Winieski established the newsletter deadlines for the 15th of March, June, September and December, with the four annual mailings the first week of the following months. Newsletters will be folder style, and punched for a 3-ring binder. Help is needed, please, with news, information materials, and dates of Division, Chapter, and allied organization meetings.

PROGRAM - The Summer meeting will be in Warren, PA September 16-17, 1992, at the Holiday Inn. "Deer and Forest Ecosystems: A Pennsylvania Story"; Hosts: the Plateau and Northern Hardwood Chapters. 1993 Winter meeting to be hosted by the Pinchot Chapter in Northeastern PA.

TREE IMPROVEMENT - No report.

FORESTER'S FUND - No report.

LICENSING & REGISTRATION - No report.

Miscellaneous Reports

David Gansner reported on the Sandy Cochran Memorial Fund. The Warren Foundation will manage the fund and a seven-member board will allocate grants that are forest related and project the ideals and vision of Sandy Cochran (see article in this Newsletter).

The Valley Forge 1992 Winter Meeting host chapter reports that a total of 220 members were in attendance, and four forestry schools were represented and participated in the Forestry Student Bowl.

Many students received tickets to the banquet, donated by individual members (a growing tradition). The field trip to wetlands and stream bank stabilization was well attended and considered a success. The National Capitol Chapter assisted and was well represented at the meeting (*thanks for the support*).

New Business

From the floor, a member asked why most committees seemed to be inactive. Responses: not all committees are active every year, some being driven by issues and workload demands. Kurt Gottschalk suggested that the Standing Committee structure might be changed to conform to the National SAF working group format.

Brian Payne, Allegheny and National Capitol Society Council Representative, reported on the first year of his three-year term. Brian requested the membership to express their concerns to him directly or through channels and they will be directed to the HSD at the National meeting in Richmond, VA (October 25-28, 1992). He reminded all that the referendum on the "Land Ethic" position is coming up: be prepared to vote. Wild Acres will have a land-use management plan, thanks to Allegheny Society member Dwight Fielder reminding the National Office that we should practice what we preach. Brian will keep us updated through regular articles in Allegheny News.

William Banzhaf, Executive Vice President of the National SAF, commended the Allegheny Society for support of student members: furnishing local housing, and donating banquet tickets and some travel money. He mentioned that every Chapter and Division should have received a copy of the two new SAF videos on natural resources career choices and forestry's balancing role in response to society's demands. The centennial of forestry is fast approaching, and information as to activities will be forthcoming. National SAF meeting dates: '92 in Richmond, VA; '93 in Indianapolis, IN; '94 in Alaska; and '95 in the Allegheny Society area. In response to a question about the negative comments the U.S. Forest Service is receiving, Bill stated that it was being looked at.

In regards to the change in awarding Fellows, the SAF Constitution states that the number of Fellows cannot exceed 5% of the total National membership. Since it is fast approaching the 5% limit, the HSD proposal will require a 2/3 majority of voting members to approve future candidates. The nominating procedure will stay the same.

There being no further business, the meeting was adjourned at 11:30 am.

Respectfully submitted,
Timothy A. Kaden, Secretary Treasurer
Allegheny S.A.F.

Entomology and Pathology Committee 1991 Annual Report

by Kurt W. Gottschalk, Chair

The number one pest activity in the Allegheny area continues to be gypsy moth. In 1991, there were 4,152,004 acres defoliated in the United States with 1,588,063 acres or 38% in the Allegheny SAF area. This defoliation level is down about 50% from the previous year as many areas behind the expanding front of gypsy moth decreased in population density. Other insects of concern continue to be pear thrips and hemlock woolly adelgid.

1991 Gypsy Moth Defoliation

State	Acres
Connecticut	50,154
Delaware	13,475
Maine	614,509
Maryland	75,197
Massachusetts	282,143
Michigan	626,689
New Hampshire	180,870
New Jersey	169,900
New York	175,960
Ohio	345
North Carolina	0
Pennsylvania	1,230,066
Rhode Island	0
Utah	0
Vermont	3,596
Virginia	616,200
West Virginia	112,900
TOTAL	4,152,004

Data obtained from GMDIGEST, Morgantown, WV (11/91)

The introduction of the Asian strain of the gypsy moth into British Columbia, Washington, and Oregon on Russian grain ships has made national news. The Forest Service has received new research money to expand work on the Asian gypsy moth. The primary difference between the two strains is that the Asian strain female moth can fly distances up to 20 miles or more before laying her egg mass, while the European strain (that we have here in the East) female does not fly. The female flight makes detection, survey, and suppression and eradication treatments much more difficult and expensive to conduct. The Forest Service, APHIS (Animal and Plant Health Inspection Service), and Agriculture Canada are going to attempt to eradicate the Asian gypsy moth in those 3 isolated western introductions.

Major diseases continue to be beech bark disease, dogwood anthracnose, and declines in maple, oak, and ash. Maple and oak declines usually follow defoliation by pear thrips and gypsy moth. Most ash decline appears to be caused by ash yellows or drought. Drought in many parts of the region has accelerated mortality due to insects and diseases as the trees are further weakened. Δ

Research Committee 1991 Report

by Bruce Brenneman

Several Federal appropriations affect forestry research:

1. U.S. Forest Service Research Budget

The U.S. Forest Service research budget has increased enough to keep the program going in the past several years. The Administration's proposed 1993 budget is less than base (the amount needed to continue the 1992 program).

Topic	FY'92 Final	FY '93 Base	FY'93 Admin
--- millions of dollars ---			
Forest Protection	41.3	42.7	38.5
Resource Analysis	33.6	34.8	32.9
Forest Management	39.7	41.1	36.0
Forest Environment	42.2	43.6	39.0
Forest Products	26.0	26.9	23.8
Total	182.8	189.2	170.1

The proposed 1993 budget will keep forest inventory cycles at an average of 10 years for all regions. To allow funds for research on "national problems", funds will be taken from the foundation program, especially in forest management. National problems for 1993 are: wetlands, tropical forestry, forest health monitoring, recycling, new perspectives, global change, enhancing rural America, and threatened and endangered species.

It is usual for Congress to restore funding to support some of the work which is dropped in the Administration's budget.

2. National Research Initiatives

The National Research Initiative is a competitive grants program administered by the U. S. Department of Agriculture. Forestry was included for the first time last fiscal year. In FY'92, \$97.5 million was appropriated, with over \$8 million going to forestry related projects. The Administration is recommending \$150 million for FY'93, of which we might expect \$12 million or more to support forestry work (some advocacy groups are requesting that 20% of the total amount be earmarked for forestry).

3. McIntire-Stennis

McIntire-Stennis funds support research in the forestry schools and are distributed by formula. In 1992, \$18.5 million was appropriated, and the Administration is asking for \$15.8 million for FY'93. This appropriation is also usually increased above the Administration's request by Congress. Δ

Central Appalachian Hardwoods: Getting Bigger and Stocking Up

by David A. Gansner, Thomas W. Birch, Raymond M. Sheffield, and William H. McWilliams

Central Appalachian hardwood forests are maturing and the wood-using industry has taken notice. Log exporters and domestic mill operators are looking to the resource for more of its high-quality oak, maple, cherry, ash, yellow poplar, and other logs and bolts. And more of the small time resource managers and policymakers, determined not to repeat past mistakes, are emphasizing utilization practices that are in keeping with principles of good stewardship. It's time the forest-based community gave more serious thought to the development and management of this precious hardwood resource. This issue was the central theme of the 69th annual winter meeting (1991) of the Allegheny Society of American Foresters. Our contribution to that conference was an evaluation of the state of the resource.

Before launching into a review of the central Appalachian hardwood situation, the authors first had to define "central Appalachian" because there were no established boundaries. By mutual agreement we decided to include all of Pennsylvania and West Virginia; all of Maryland, Virginia, and North Carolina except for the coastal plain area; and the eastern portions of Tennessee and Kentucky. Timing for our analysis is good because, since 1984, new forest inventories have been completed for all of the included states except Pennsylvania. And enough of the new forest survey of Pennsylvania has been finished to extrapolate reasonable trends.

Forest Area Holding its Own

New inventories tell us that, in places like the Piedmont of Virginia and North Carolina, thousands of acres of forest land gave way to development during the 1970s and '80s. These losses were offset, however, by additions to

the resource base in other parts of the region, mainly abandoned pasture and cropland that has reverted to small trees. Consequently, there has been little change in the total acreage of forest land between recent surveys. More than 66 million acres (65%) of the region's total land area is now in forest; and, in many of the region's counties, more than four-fifths of the land area is in forest (Fig.1). Counties with less than 20 percent of their land area in forest are rare. Virtually all of the forest is classified as timberland, that is, forest land capable of producing crops of industrial wood and not withdrawn from timber utilization.

Hardwood Stocking Hits New Highs

The total volume of growing stock in the region increased by more than 20% between inventories and now totals 98 billion cubic feet. That translates into a gain of about 280 cubic feet per acre of timberland. A few counties can now boast of having more than 2,000 cubic feet per acre (Fig.2).

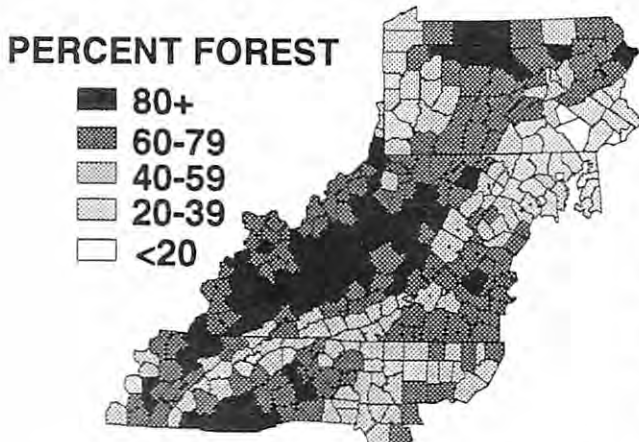


Fig. 1. - Percent of land in forest, by county, Central Appalachian Hardwood Region.

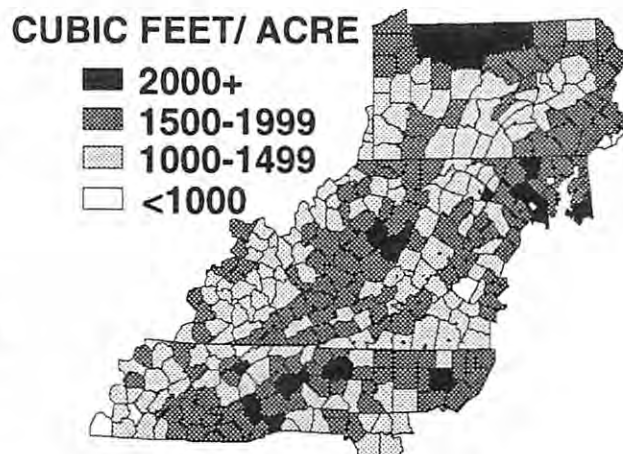


Fig 2 - Total growing-stock volume per acre of timberland, by county, Central Appalachian Hardwood Region.

Hardwood lumber now averages 1,300 cubic feet per acre, a new high in the recorded history of forest surveys that began in the 1930s. All major hardwood species shared in the volume gains (Fig.3). The oaks (white and red combined) still account for the largest share of the resource, but other species such as yellow-poplar, maple, and ash recorded very impressive gains. Yellow-poplar volume ballooned to 11 billion cubic feet, solidifying its rank as the No.1 individual species. Soft maple growing stock increased by 47 percent.

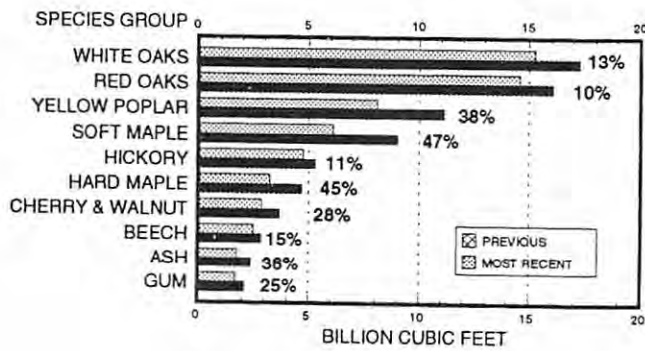


Fig. 3 - Change in hardwood growing-stock volume by major species group, previous and most recent inventories.

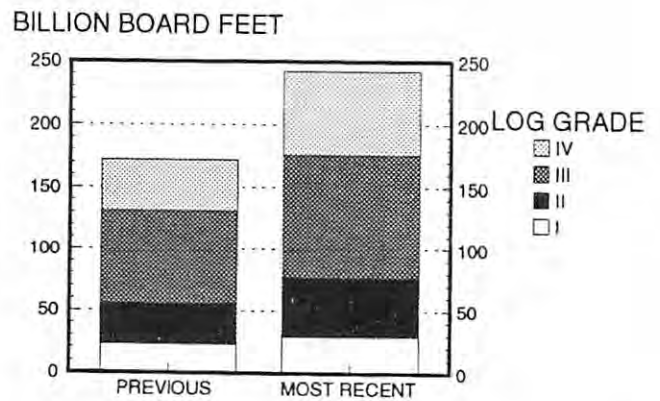


Fig. 5 - Change in quality of hardwood sawtimber volume between inventories.

Bigger Trees Mean More High-Quality Timber

The average size of hardwood timber is larger. Significant increases in volume have been recorded for all but the smallest diameter classes (Fig.4). Volume in trees 16 inches and larger is up 40 percent. Not surprisingly, the volume of hardwood sawtimber-size material also has increased substantially and now averages more than 3,800 board feet per acre.

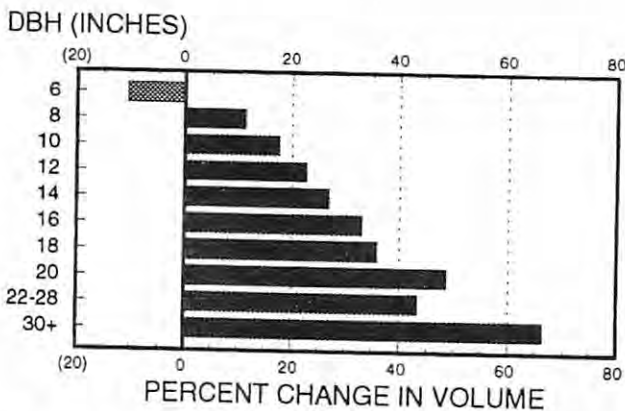


Fig. 4 - Percent change in hardwood growing-stock volume between inventories, by DBH class.

Along with the increases in timber size have come increases in the volume of high-quality timber, though there is still a lot of lower grade material out there. Much of it is sound wood that is too small to grade out higher. Even so, the amount of sawtimber qualifying as log grade II or better is up significantly and now represents more than 30% of the total hardwood sawtimber inventory (Fig.5). Of course quality varies by location, species, and size. For example, three-fourths of West Virginia's beloved northern red oak sawtimber is in trees 16 inches and larger, and nearly half of that big red oak volume is log grade II or better material.

Inventories Continue to Build

On average, central Appalachian hardwood growing-stock volume is dying at an annual rate of 0.4 percent (Table 1). Growth put on by surviving trees, plus ingrowth of new trees to the timber base, more than offsets this mortality. Average annual net growth amounts to 3.1 percent of the inventory; removals average 1.1 percent. Growth is thus nearly three times removals, and hardwood growing-stock continues to increase at a rate of about two percent per year.

The balance between growth and removals varies from species to species. For example, the maples, with relatively high growth rates and lower removal rates, have large growth-to-removal ratios. That's good news for users of maple! The gap is small, however, for species with higher rates of use, such as red oak.

Table 1
Average annual mortality, net growth, and removals of hardwood growing-stock volume as a percent of inventory, by species group

SPECIES GROUP	MORTALITY	NET GROWTH (NG)	REMOVALS (R)	RATIO (NG/R)
WHITE OAKS	0.3	2.6	1.1	2.4
RED OAKS	0.8	2.8	1.4	2.1
YELLOW POPLAR	0.2	4.1	1.2	3.4
SOFT MAPLE	0.2	4.2	1.0	4.4
HARD MAPLE	0.2	3.4	0.7	5.2
HICKORY	0.7	2.2	1.0	2.3
ASH	0.4	3.0	1.1	2.7
SWEET GUM	0.5	4.3	1.6	2.8
TUPELO & BLACKGUM	0.2	2.6	1.0	2.5
BEECH	0.3	2.1	0.9	2.3
CHERRY & WALNUT	0.4	3.1	1.2	2.6
ALL HARDWOODS	0.4	3.1	1.1	2.8

Room for Industrial Expansion

To get a better fix on timber supply potential, we conducted a special analysis of silvicultural cutting opportunities in oak-hickory forests of West Virginia.

The study encompassed 9.2 million acres of timberland in the heart of the Appalachian hardwood forest. Effects of timber prices, characteristics of ownership, woodland accessibility, and other factors that influence the economic availability of timber were not considered in the analysis. Our objective was simply to identify the acreage of timberland and yields of timber associated with recommended silvicultural cutting practices for the oak-hickory timber type. In effect, we threw the silviculture book at West Virginia's oak-hickory forest.

The results reveal a storehouse of economic opportunity. The potential cut for silviculturally sound thinning, regeneration, and harvest practices totals 100 million cords, or 60 times the current annual harvest of growing-stock volume from the state. On the stump, the conversion value of this material totals \$2.4 billion. Moreover, the good housekeeping associated with all of this silviculture would improve timber productivity and quality. There is no denying that physical supplies of timber reveal a potential opportunity for significant expansion in wood use. Of course, it is one thing to identify a potential wood-using opportunity and quite another to develop it. The establishment of any new plants will require some tough locational decision based on the interaction of a complex set of socioeconomic factors.

A Time for Cautious Optimism

On the whole, then, our central Appalachian hardwoods appear to be doing well. The area of forest land is holding its own, stocking has improved, timber is bigger, and the amount of quality volume has increased. Moreover, comparisons of net growth with removals indicate a continuation of the trend. Some not-so-subtle events won't allow an attitude of complacency, however. For example, gypsy moth continues to plague oak timber in Pennsylvania, West Virginia, Virginia, and Maryland. In addition, some high-elevation red spruce is suffering from ozone damage. Continued land fragmentation may be threatening certain valuable plant and animal communities. The forest is hardly producing up to its productive potential. Even so, gains have outnumbered declines and a record of past recoveries from pestilence and maltreatment has proven the resource to be very resilient. Some watchful monitoring, backed with good stewardship, can guarantee a continued flow of the kind and quality of products and services we've come to expect. Δ

David A. Gansner and Thomas W. Birch are Resource Analysts with the Northeastern Forest Experiment Station. Raymond M. Sheffield is a Resource Analyst with the Southeastern Forest Experiment Station, and William H. McWilliams is a Resource Analyst with the Southern Forest Experiment Station. All stations are research units of the USDA Forest Service.

7th Annual Pennsylvania Forestry Association Conservation Dinner

The Williamsport Genetti's Hotel and Convention Center was the gathering place for the 7th Annual Pennsylvania Forestry Association (PFA) Conservation Dinner on March 14, 1992. A total of 194 members, tree farmers and friend of Penn's Woods gathered for a formal prime rib dinner and seven hours of fun and games.

Anticipation was high throughout the day as the clock ticked down to the final ticket drawdown for the grand prize of \$10,000! The "last-that-was-first" winner was **Patricia Long** of Patton, PA.

Master of Ceremony **John Bitzer** kept all entertained while **Art Creelman** again served as official auctioneer of donated items. A silent auction created competition for everything from knife sharpeners to trail rides.

This \$100-a-ticket fundraiser is becoming the PFA "Social of the Year." Planning has already started for next year; mark your calendar for March 20, 1993.

PFA is thankful for the generosity of scores of contributors and donors who have faith in the PFA's effectiveness as a voice for Penn's Woods.

Thank you all! Δ

QUALITY EVERGREENS AND HARDWOODS



NORTHERN GROWN SEEDLINGS & TRANSPLANTS

Pine: Scotch, Austrian, Red, White, Ponderosa, Japanese Black, Mugho
Spruce: Blue, White, Norway, Black Hills, Serbian
Hemlock: Canadian
Fir: Balsam, Concolor, Fraser, Douglas
Oak: White, Pin Red, Shingle
Maple: Silver, Norway, Sugar, Red
Locust: Black, Honey, Bristly

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Coming Events

April

25 New Jersey Forestry Association meeting, Ronald Sheay, Secretary (609) 771-8301.

May

12-17 International PLT Conference, Breckenridge, CO, Kathy McGlaulin (202) 463-2468.

14 National Capital SAF "Science Day," Key Bridge Marriott, Washington, DC, Tom Hamilton (202) 205-1507.

15-16 East Coast Sawmill & Logging Equipment Exposition, Virginia State Fairgrounds, Richmond VA, (804) 737-5625.

28 Rothrock Chapter SAF meeting, Stone Valley, PA, Ellen Manno (814) 863-0362.

June

1-3 "Ensuring the Future of Multiple Use in Eastern Hardwood Forests," 20th Annual Symposium of the Hardwood Research Council, Anne Rowland (901) 377-1824.

4-7 SUNY-ESF Alumni Association reunions, Class of '22, '27, '32, '37, '42, Syracuse, NY, (315) 470-6632.

12-13 Western Maryland Loggers/Forestry Field Day & Equipment Show, Garrett County Fair Grounds, McHenry, MD, John Forman (301) 334-9451.

13-16 "Skogen i Skolan"/Project Learning Tree International Conference, Dalecarlia, Sweden, Lars-Erik Nilsson (90-16 68 58).

17-18 West Virginia Division SAF summer meeting, Blanner Blennerhassett Island, Roger Sherman (304) 392-6373.

July

20-21 Planer Operations & Matching Techniques Workshop, Hardwood Research Council (301) 377-1824.

August

7-8 "Timber '92," Hardwood Lumber Manufacturers Association (HLMA), York Fairgrounds, York, PA (717) 652-0344.

PA Division Supports PLT

At the Pennsylvania Division Winter Business meeting, \$300 was allocated by vote to support PA Project Learning Tree for the fourth year in a row. The PA PLT Steering Committee and Chair Ken Manno and members appreciate this valuable financial support. The program continues to grow each year, co-coordinated by the PA Dept. of Education and D.E.R. Bureau of Forestry Δ

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Allegheny Society of American Foresters

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