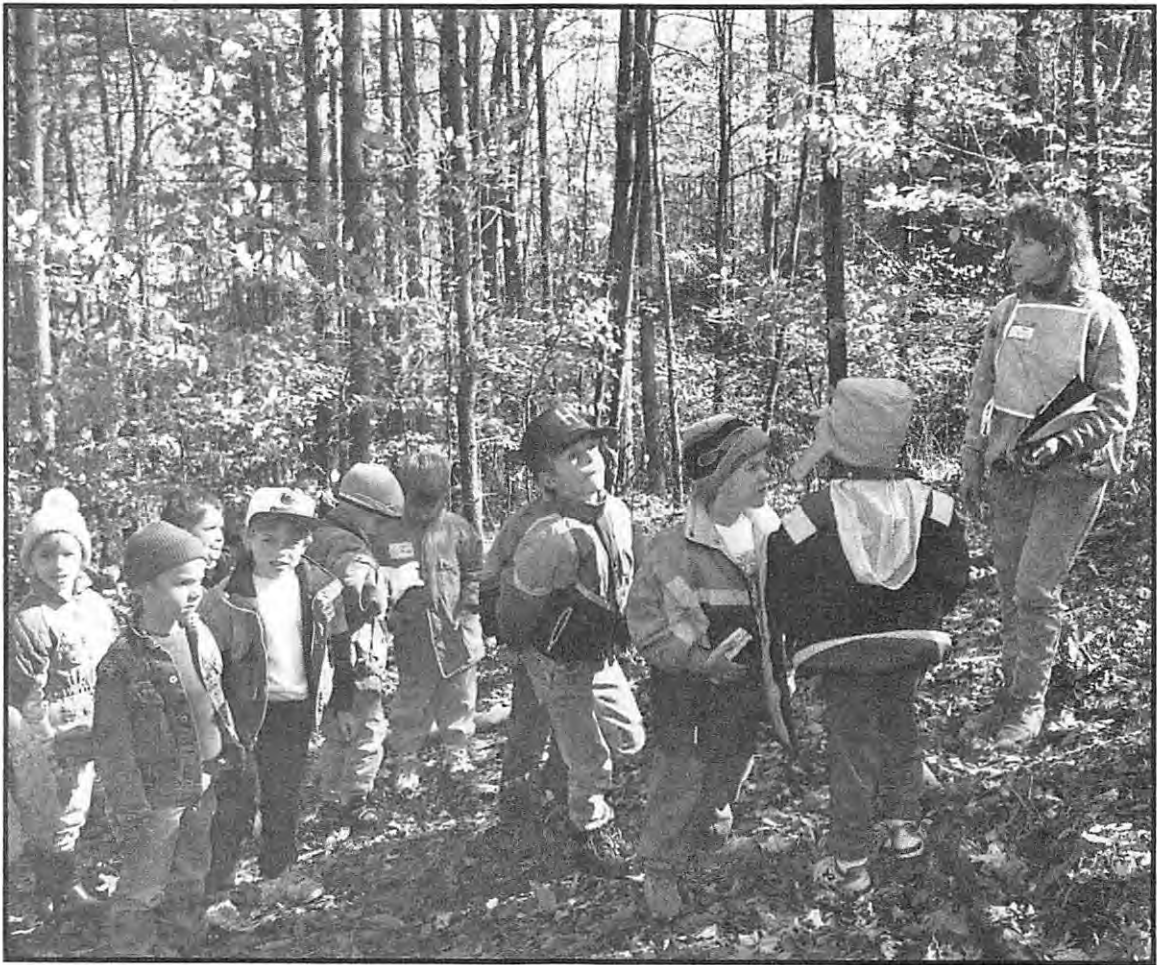


The Allegheny News



Allegheny Society of American Foresters

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The Allegheny News

Volume 3, No. 1

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Cover Photograph

Amy Rushatz, Forest Science senior and Penn State SAF Student Chapter president, leads a group of kindergarteners on a unique "Walk in the Forest" at Laurel Haven Tree Farm (see page 3).



Revelation in Indianapolis

The mention of Indianapolis does not generate shouts of joy to adventurers seeking exciting vacation spots, but they just might be surprised. It was a great location for the 1993 SAF National Convention, as I suspect any who attended will attest. At that meeting, I got a real revelation.

The critical issues forum on Monday evening was advertised as "A moderated discussion of the Task Force Report on Sustaining Long-Term Forest Health and Productivity." The interest in this subject was obvious from the large crowd that gathered, not to mention the high-voltage of electricity which vibrated through the air even before the meeting started. Once the preliminaries were over, the audience had the opportunity to give two-minute soundbites. Each speaker started by stating their name and location, and it was obvious that location explained 50% of the variation in opinions, with those from the solid South opposed to the report and its implications. That is no surprise. What I did not expect was that perhaps another 40% of the variation in opinions could be explained by age, with the younger generally in favor and the older usually opposed. Either there are a lot of people a whole lot smarter than I am (not unlikely, I admit), or my 30-year-old PhD in silviculture is completely outmoded. Honestly, I don't grasp "landscape ecology," and all those who seem to understand do an awfully poor job of explaining how it will work. All this led me to the following revelation (I hope this isn't sacrilegious).

In the latter days an anti-wise-use force will arise and will deceive many. It will reign for one generation. Mills will be closed, prices will rise, and once-productive forests will be filled with dead and dying trees. The sound of the saw and the axe will be heard no more. The woods will be the habitation of agitators, negotiators, and commentators. But this too shall pass. There will be wailing and gnashing of teeth. The people will cry, "Why are we wasting this renewable resource? We cannot afford homes as our fathers before us, and lowly paper is beyond our means. Landscape ecology is a false god which none can comprehend. It is used by those

Members and Views

(continued from page 1)

destroying our means of production." And a new generation of foresters will come forth, once again guided by science-based reason and the knowledge that the stand has always been the basic silvicultural unit, and timber the most important product of the forest. It will be understood that man cannot live by bread and shelter alone, but he surely can't live without them. At that time, the 150-year-old SAF will:

(1) be greatly favored by all for having stood firm for wise-use conservation, while other organizations were led astray by the sirens of feel-good forestry; or

(2) be assigned to the ash-heap of history for having led the people into a false forestry, full of words but devoid of meaning.

Which will it be? ♠

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



Recent retiree George Pierson (center) with former Forest Management Chief Santiago Porcella III (left) and retired NJ State Forester Gordon Bamford (right).

George H. Pierson Retires

By Ronald Sheay

After 34 years of service to the New Jersey Bureau of Forest Management, **George Pierson** retired as Chief of that Bureau as of July 1, 1993. A 1955 graduate of North Carolina State University, he worked for a time for the International Paper Company and Container Corporation of America before his professional career in State government.

A past Chairman of the NJ Division of SAF and a charter member and Director of the NJ Forestry Association, George is active on the Hopewell Township Shade Tree Committee. He and wife Shirley plan to travel and visit places that were always "put off until later." ♠

SAF Brings 1,200 Foresters to Indianapolis



Allegheny SAF members at Indianapolis: (left to right) Chris Holmes, Lillian Woods, and Mark Vodak.

More than 1,200 forestry professionals from across the U.S. and several foreign countries gathered at the annual meeting of the Society of American Foresters, in Indianapolis, IN from November 8-10, 1993. Convention delegates discussed topics related to the theme, "Foresters Together, Meeting Tomorrow's Challenge."

The keynote address, general sessions, Working Group presentations, and the Critical Issues Forum provided for technical updates and open discussion of professional and societal affairs. The "**Hoosier Hospitality**" was outstanding! The Forester's Fund auction, the singing of the Purdue University chorus at the banquet, and the live stage production of "Timber", written under a 1930's WPA financed project added many opportunities for social contact. Thank you Indiana Society and National Office.

Relative to the Allegheny Society, at the Awards Luncheon: **Dave Marquis** received the Barrington Moore Memorial Award for distinguished, individual research, resulting in substantial advances in forestry; **Tunis Lyon** (MD) and **Robert Rumpf** (PA) were officially recognized as new Fellows in the Society; and **Glatfelter Pulp Wood Company**, Spring Grove, PA, Tom C. Norris, President, **Westvaco Corporation**, Timberlands Division, Summerville, SC, William D. Baughman, Vice-President and Division Manager, and **Allegheny Community College**, Cumberland, MD, Dr. Donald Alexander, President, were among the employers nationwide receiving Employer Recognition awards. ♠

A Unique "Walk in the Woods"

By Jane M. Madsen

How about, SAF members from Penn State Student Chapter, a faculty member from Forest Extension, a PA Bureau of Forestry Service Forester (and Project Learning Tree Facilitator), and a retired ("paper retirement") Penn State faculty member and Forest Stewardship VIP, for leaders of a "Walk in the Forest!" Add to that, an advance visit to classrooms, homework, and post-tour certificates, and you might ask, "Is that unique... or what?"

Those are the exact ingredients of the October 22, "Walk in the Forest" in which more than 250 students and adults participated at the tree farm in Julian, PA.

Kindergarten, First, Second, Fifth, Ninth, and Twelfth grade students from Port Matilda, Bellefonte, and State College, Pennsylvania schools were guided through two nature trails on the Laurel Hill Tree Farm - part of the School of Forest Resources and under the management of former owners **Drs. Harold E. Mitzel and Jane M. Madsen.**

Each school was visited by the Penn State student foresters one week prior to "The Walk" and presented an orientation to the Tree Farm, and "The Walk." The homework for each walk participant consisted of the creation of a "forest question" that would be answered during the field trip. During the walk, SAF forestry student guides pointed out the different trees to the "walkers" and explained how foresters work to keep the forest healthy and thriving to support all the different values. They also learned what they could do to help keep forests and the environment healthy, and how important it is to engage in wise use and management of the forest resources.

After "The Walk," the walkers engaged in "forester activities" with the help of Service Forester **Jim Stiehler** of the Rothrock Forest District and **Dr. James Finley** of the faculty at Penn State School of Forest Resources. Refreshments and group pictures followed and packets of forest facts were distributed according to grade levels.

Not all! A few days after the walk, the forestry students returned to the classrooms with pictures and Forest Stewardship posters for all to enjoy. The elementary students received individualized certificates of participation in this unique "SAF Walk in the Forest!" ♠



Penn State Student Forester "Walk in the Woods" guides, left to right: Shawn Lehman, Brandie Martin, Louise Murgia, Mike Wolf, Curtis Hollabaugh, Amy Rushatz, and Gary Gilmore, (not pictured here is Mary Siscock).

Photo by Stacie Bird, College of Agricultural Sciences, Penn State

Another Great Walk!

By Ellen A. Manno, Chair, SAF Rothrock Chapter

About 250 seventh graders from State College Pennsylvania Area Junior High School, several teachers, and a few parents participated in "A Walk in the Forest" at Stone Valley Experimental Forest on October 5 and 6, 1994. The experimental forest is a 6,750-acre tract owned by Penn State and managed by staff in Penn State's School of Forest Resources.

The walk included a tour of a woodcock management demonstration area and sites that illustrated different forest harvesting and regeneration methods. The seventh-graders were enthusiastic and Mother Nature smiled upon us all with great weather and Fall splendor.

Dr. Margaret Brittingham, Colleen DeLong, Linda Driver, Patrick Drohan, Joe Harding, Ellen Manno, Mark Potter, and Jim Welfley, all of the School of Forest Resources, Penn State University, conducted the walks and answered the probing questions of these young teens. ♠

Valley Forge Chapter Donates to Allegheny SAF

The **Valley Forge Chapter** has donated \$1,500 to the Allegheny Society as a voluntary share of the proceeds resulting from hosting the 1993 SAF Winter Meeting at Wilkes-Barre, PA. In a letter to Chair **Harry Wiant**, the Chapter requested that the donation be used to support the position of the Executive Secretary, realizing that the two-year subsidy from the National Forester's Fund expired at the end of 1993. ♠

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Councilman's Corner



By E. Dwight Fielder

First I'd like to thank members of both the Allegheny and National Capital Societies for the confidence you have placed in me by your vote. I will try to live up to the challenges ahead as your Council representative for District VII. One request - keep me abreast of your individual, Chapter, and Division concerns relative to Society issues important to each of you.

Elsewhere in this issue you will find a resolution passed by the National Council at the December meeting. I was privileged to have been in on that meeting since Brian Payne (our 1992-93 Council representative) was out of the country pursuing his other duties. A wide range of topics were discussed at the Council meeting, however, the issue that consumed the most time, and that is probably of most interest to the membership at the moment, is the Task Force Report on Sustaining Long-Term Forest Health and Productivity. Read the resolution carefully and let me know of your constructive criticisms of the Report, and positive suggestions in pursuit of processes as outlined in the Resolution.

Some of the highlights of the December meeting:

- * The reappointment of Bill Banzhaf to a two-year term as Executive Vice-President of SAF.
- * Memphis, TN was chosen as the site for the 1997 SAF National Convention, following Albuquerque, NM in 1996, Portland, ME in 1995, and Anchorage, AK in 1994.
- * No dues increases were recommended in the report of the Task Force Report on Dues Structure.
- * The SAF Communications Department will be developing a Strategic Communications Plan, while council is revising the overall SAF Strategic Plan in 1994.

Council agreed to hold its first meeting of the year February 6-8, 1994 (at Wild Acres in Bethesda) rather than waiting until April as in past years. Please let me know ASAP if there are issues or concerns that I can bring to the Council in your behalf (703) 235-2725, or by mail at P.O. Box 4203, Upper Marlboro, MD 20775. ♠

Voting Membership for Forest Technicians

From the WV Division Newsletter

In a September canvas of the West Virginia Division, with 112 members responding (that's a 59% response of the membership), 86 favored granting full SAF membership privileges to Technicians (78.6% of those voting) under criteria defined in a report of the Division Internal Policy/Continuing Education Action Team.

The criteria for full voting membership would require that individuals be graduates of an SAF approved Technician School with Associate Degrees in Forest Technology. Additionally, individuals would be required to have at least four years of active paid prior membership, and show evidence that they increased their knowledge in the forestry field by obtaining an average of three Continuing Forestry Education (CFE) units per year for a total of 12 CFE's for the four year membership period. Active membership would be demonstrated by participating in at least one Division, Society or National meeting per year. ♠

Editors Note: At the meeting of the National SAF Membership Committee in Indianapolis, IN on November 7, 1993, the following motion was passed: "The Membership Committee recommends that Council support and endorse the advancement of Affiliate members to full membership with full voting rights, and refer this advancement for membership vote on the 1994 ballot."

New Allegheny Officers

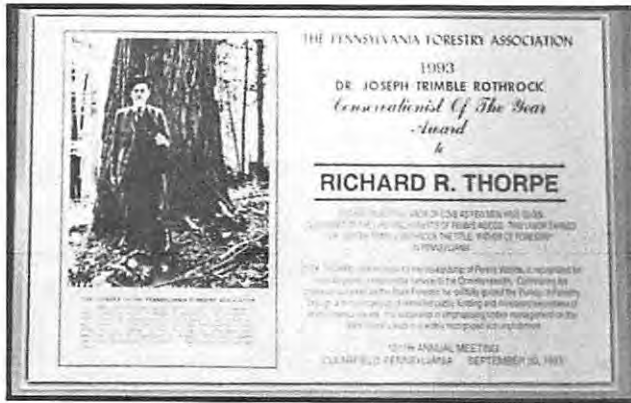
The Teller Committee reports the results of the biennial election of 1994-96 officers for the Allegheny SAF: Chairman Elect - **Tim Kaden**; Secretary/Treasurer - **Mike Brown**; Executive Committee - **Elizabeth Gallace**, **Kurt Gottschalk**, **Mark Webb**, and **Lillian Woods**.

Mark Vodak will become Chairman, and the other newly elected officers will be sworn in at the banquet of the 1994 SAF Winter Meeting on February 10 at Ellicott City, MD.

Representing the Allegheny and the National Capital Forestry Societies (District VII) on the National Council for the period 1994-95 is **E. Dwight Fielder**.

Recognition of professional service to the resource, the public, and the profession -- peer accolades to new SAF Fellows **Tunis Lyon** and **Bob Rumpf**.

Congratulations to all of our new leaders. Don't wait to get a call from Mark or a newly appointed Committee Chair... consider offering to serve. If not that, then the least we can do is convey our thoughts, opinions, and suggestions relative to professional and Society matters to them. Addresses and phone numbers are on the back page of all copies of the newsletters. ♠



Rothrock Award Presented to Richard R. Thorpe

Richard R. (Dick) Thorpe was named the *Joseph T. Rothrock Conservationist of the Year* at the 107th Annual Meeting of the Pennsylvania Forestry Association (PFA). Named for the recognized "Father of Forestry in Pennsylvania," this award is presented to an individual, group, or organization that has contributed significantly to public recognition of Pennsylvania's forest resource values through practical conservation programs, applications, or other visible activities.

Dick served as PA State Forester for 11 years during a period of dynamic change in public environmental awareness and state budgetary constraints. As State Forester, Dick provided major emphasis to the management of the State Forest Lands for sustainable timber production sufficient to support a major hardwood products industry, and the development of the other forest values in demand for public use.

Dick is writing a book on the history of the State Forests, and has clearly articulated the need for a cabinet-level forest and parks management agency separated from the regulatory functions within the current organization of the Department of Environmental Resources. ♠



Richard (Dick) Thorpe, with the coveted Dr. Joseph T. Rothrock Award of the PA Forestry Association; Joe Barnard (left), Chair of the Awards Committee, and Norm Lacasse, PFA President.

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Best Management Practices for Pennsylvania's Forested Wetlands

by Steve G. Thorne

In September, the Forested Wetlands Task Force published a set of guidelines for silvicultural activities in Pennsylvania's forested wetlands. According to Penn State's Rob Brooks, a task force member who has studied efforts to protect wetlands nationwide, these guidelines, or recommended "best management practices" (BMPs), are among the most comprehensive he has seen. Dr. Brooks concludes, "Pennsylvania's new BMPs put the Commonwealth in the forefront of state efforts to minimize the impacts of timber harvesting on wetlands."

The wetland BMP project was an outgrowth of discussions held by the forest Issues Working Group (FIWG). This group, which brings together a diverse group of people interested in Pennsylvania forests, is jointly sponsored by the Penn State School of Forest Resources, the Hardwoods Development Council and the SEDA-COG Wood Industry Association. The Hardwood Development Council provided support for publishing the BMPs as a practical pocket guide for forest land managers, loggers, and landowners.

The FIWG Task Force consisted of scientists, environmentalists, forest landowners, and natural resource management professionals from both state and federal agencies and from industry - convened to try to agree on a set of practical, understandable, and effective management practices.

The non-technical manual contains the BMPs as well as useful information on the function and value of wetlands, relevant federal and state laws, sources of additional assistance and information, and definitions of key terms. The publication already has been incorporated into the Logger Training and Certification Program of the Pennsylvania Timber Harvesting Council and the State's Forest Stewardship Program. In addition it will be used by the Bureau of Forestry service foresters, industry foresters, conservation districts, and others who work with private landowners.

Forested wetlands are Pennsylvania's most abundant wetland type, including temporary ponds, spring seeps, streamside wetlands, and beaver ponds. Their abundance means that silvicultural activities such as timber harvesting routinely will occur in or around wetlands.

While supporting wetland protection, foresters and the forest products industry have been concerned about the impacts of new regulations on timber harvesting. Many have expressed confusion about requirements and what should be done to protect wetlands during management activities. Environmentalists, on the other hand, have raised questions about the effectiveness of current wetland protection. The practical BMP guide should clear up some of the confusion that has surrounded silvicultural activities on forest wetlands and avoid conflict.

The success of the Forested Wetlands Task force is due to the cooperation and hard work of the expert and experienced task force members: Yuriy Bihun (Penn State), Darlene Brown (Penn State Research Associate), Mark Cleveland (Allegheny National Forest), Dave DeWalle (Penn State), Dan Devlin (PA DER Bureau of Forestry), Jim Finley (Penn State), Wally Haulik (PA DER Bureau of Forestry), Brian Hill (PA Environmental Council), Eleanor Maass (Butternut Tree Farm), Ken Reisinger (PA DER), Sam Rhody (concerned citizen), William Shaffer (PA Game Commission), Steve Thorne (Penn State), Jonathan Wirth (Williamette Industries, Inc.), and Wilbur Wolfe, Jr. (Glatfelter Pulp Wood Co.).

This joint project demonstrates that concerned people with divergent viewpoints can cooperatively achieve consensus solutions to a difficult forestry issue, and should become a model for solutions to other forest management issues.

"Best Management Practices for Silvicultural Activities in Pennsylvania's Forested Wetlands," can be obtained by writing to the Penn State Forest Resources Extension Office, Room 110, Ferguson Building, The Pennsylvania State University, University Park, PA 16802-4300, or by calling (814) 863-0401. Δ

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National SAF Council Resolution on Sustaining Long-Term Forest Health and Productivity

At the National SAF Council meeting on December 14, 1993 the following resolution was passed:

WHEREAS, the Council believes that SAF should seek, in cooperation with others, to encourage excellence in forest stewardship and wise management of our nation's forests, and

WHEREAS, the *Task Force Report on Sustaining Long-Term Forest Health and Productivity* served as a means of stimulating thinking and discussion about the continuing evolution of forest management, and

WHEREAS, the review process revealed a number of controversial aspects, such as, but not limited to, regulation, ownership patterns, regional resource differences, private property rights, management across ownership boundaries, as well as the need for key definitions that are based on professional principle and are regionally operational, and

WHEREAS, the review process on this report confirms the importance and significance of sustaining long-term forest health and productivity of our nation's forests, we find the task force report cannot serve as the definitive statement on this issue, now

THEREFORE, the Council will not develop a position statement based on the task force report.

FURTHERMORE, in view of the continuing interest in sustaining long-term forest health and productivity and to reiterate its belief that the serious question of how best to manage forests to sustain long-term forest health and productivity must be accomplished through "structured, contemplative study and discussion," now

THEREFORE, the Council resolves to direct the president to appoint a study committee to develop processes to further pursue the long-term health and productivity issue, and to ensure that alternatives to pursue the issue provide for the full participation of the membership in all of its diversity, including the different perspectives associated with employment, region, and professional specialization, and

THEREFORE, directs that the study committee present its recommendations to the membership for deliberation beginning in July 1994.

FINALLY, we recognize that there is no true closure to this discussion, but rather it is part of the continuing evolution of forestry that has taken us through times of resource exploitation; resource protection; timber management; multiple use; sustained-yield management; to the current debate about ecosystem management and such future debates that may arise.

UNANIMOUSLY APPROVED, DECEMBER 14, 1993

This document reflects the dedication and hard work of our leadership and incorporates the philosophical diversity of the forestry profession.

President-elect **John W. Moser, Jr.** has appointed a study committee to develop processes to further pursue the issue. Committee members are: **William C. Siegel**, Study Committee Chair, **Stephen D. Hobbs**, HSD Chair, **Frederick Haeussler**, Past President, **Ross S. Whaley**, Past President, and **Arthur V. Smyth**, Past President. △

Forest Policies Update



By Cam Carte, Forest Policies Analyst,
SAF National Office

It was once said that there are two things in the United States that you do not want to see made: laws and sausage. My job, in part, at the SAF National Office in Bethesda, MD is to keep track of forestry and environmental legislation and policies at the Federal level. My efforts are concentrated on keeping the SAF membership and staff apprised of current legislation and agency directives that affect the forestry community.

One of the major objectives of the Forest Policy Department at the National Office in the coming year is to have a more visible, credible presence on Capitol Hill. To help bring this objective to fruition, I will be spending a substantial portion of my workdays making one-on-one contact with our elected officials and their staffpersons. In this column, I hope to shed some light on forestry legislation and issues that are "in the hopper" in Washington, DC, particularly focusing on those issues of concern to the Allegheny region.

For those of you trying to figure out who this Carte character is, I'll try and introduce myself. I am a graduate of the University of Maryland-Eastern Shore, Mississippi State, and Auburn University. I have also attended classes at Virginia Tech and Salisbury State, as well as currently being a PhD candidate at Auburn.

I found you can circumnavigate the "real world" by staying in school, but all good things must come to an end. For those of you wondering exactly what a Ph.D. candidate is, it is a person bright enough to finish the course work, but dumb enough to leave the university without the piece of paper. The degree is hopefully forthcoming in June. As well, I am married to the beautiful former Karen Judith Cutlip, a native of Maryland's Eastern Shore. But I digress.

This column, and the relationship that develops as a result of it, must be a two-way street. I am open to topics, questions on policies you would like addressed, and

suggestions. I would also appreciate news clippings, articles, papers, and the like that concern forest policies and issues locally. The only way I can stay abreast of these local issues is if you inform me.

My colleagues in the Forest Policy Department and I work for you. It is important for us to get an opportunity to meet and correspond with as many of you as possible. This column is but one tool to do so. I would like to make as many of your SAF Division meetings as possible, so please make me aware of them. For those of you close in proximity to Bethesda, stop by because my door is always open (and I don't have many friends). I may also be reached via the U.S. Postal Service at SAF, 5400 Grosvenor Lane, Bethesda, MD 20814-2198, and my phone number is (301) 897-8720, ext. 116. ♠

Welcome Cam, and thank you for offering your services in the form of this column and its update material (members take note of the request for information at the local level that is relative to forest policy).
Ed.

Judge Allows Timbering in Residential Zone

In a Circuit Court decision, Judge Fred A. Thayer ruled that land owners in the LaVale zoning district, Cumberland, MD, had the right to obtain a County Timber Harvesting Permit and sell timber on their 33-acre property. The LaVale Zoning Board had obtained an injunction to halt the timber sale, insisting that a zoning Use Permit was required and refused to issue one.

Dr. and Mrs. Wally S. Hijab had obtained a County Harvest Permit and initiated a sales contract to cut about 20% of the trees on their property - about 584 in number - which was zoned Residential. The Zoning Board maintained that the Residential classification did not permit commercial enterprises such as timbering, and that a Use Permit would not be issued.

Judge Thayer ruled the Hijabs needed no such permit. He said the case record indicated the Hijabs were concerned with managing their woodland to preserve its character, and that they sought advice from professional foresters (licensed in Maryland). It was established that on 18 previous occasions, the county had issued timber harvest permits for sites in the LaVale zoning district, one of those in the immediate vicinity of the Hijab property. He added that single selective cutting of mature trees in order to improve the existing forest is not an activity prohibited in residential zones; nor does the fact that the Hijabs would be paid for the lumber make such an activity a commercial venture.

Allegheny SAF members **Pete Miller** (Westvaco) and **Steve Resh** (Allegheny Community College) contributed in the intervention by testifying at the original LaVale Zoning Board hearings. ♠

1994 Winter Meeting of the Allegheny SAF “UNIQUE”

The Maryland-Delaware Division has formulated one of the most unique meetings in years for the Allegheny Society of American Foresters. “Forestry Today: The Myth and the Magic” combines some of the more subtle issues of the day with up-to-date solutions. Nationally recognized speakers will discuss the myths that have developed with regard to the preservationist agenda and land rights, the effect of forest management on fisheries and water quality management and forest interior dwelling birds, and the relationship of tropical and West Coast forestry to Allegheny forestry. The second day will focus on some of the electronic tools at the forester’s disposal including global positioning systems, geographic information systems, data recorders and the Northeast Model.

On Saturday, David Gilluly will conduct a session of the FORS/MAP workshop in the computer lab at Catonsville Community College. Workshop attendees will receive an introduction to desktop mapping, including discussions of data management, GIS, computer hardware, costs and benefits. The majority of the workshop will focus on a hand-on demonstration of the FORS/MAP system involving the entering of survey data, digitizing roads and streams, and printing. Special topics such as stream buffering, UTM referencing, and development of other special purpose maps will also be demonstrated.

The meeting will be held in luxurious accommodations at the Turf Valley Hotel and Country Club. The location is convenient to both Baltimore, MD and Washington, DC.

The full agenda, costs, and registration for are on the back of this page. Send in your registration today!

1994 Winter Meeting Allegheny Society of American Foresters

Forestry Today: The Myth and the Magic
Turf Valley Hotel and Country Club, Ellicott City, Maryland

Wednesday, February 9

- 1:00 - 4:00 pm Registration
Art Show Registration
- 1:00 - 4:00 pm WSSC Watershed Tour
Leadership Training
- 4:30 - 6:00 pm Executive Committee Meeting
- 5:00 - 7:00 pm Icebreaker & Film Festival

Thursday, February 10

- 7:00 - 8:45 am PA Division Breakfast Meeting
- 8:00 - 9:00 am Registration
- 9:00 - 9:15 am Welcome - **John Jastrzembski**
MD-DE Division Chairman
- 9:15 - 10:00 am Keynote - "The Myth"
Chris Holmes
- 10:00 - 10:30 am Myth 1: Private Land Regulation
Keith Argow
- 10:30 - 11:00 am Myth 2: Fisheries and Water Quality
Monty Seehorn
- 11:00 - 11:30 am BREAK
- 11:30 - Noon Myth 3: Forestry & Forest Interior Birds
Peter Stengal
- 12:00 - 12:30 pm Myth 4: Tropical/West Coast Forestry
and Allegheny Forestry
Ira Cameron "Cam" Carte
- 12:30 - 2:00 pm BUFFET LUNCH
- 2:00 - 3:00 pm Panel Discussion
Moderator - John Jastrzembski

Thursday, February 10 (continued)

- 3:00 - 5:30 pm BREAK / EXHIBITS
- 3:30 - 5:30 pm Student Quiz Bowl
- 6:00 - 7:00 pm Cocktail Hour
- 7:00 - 9:00 pm Awards Banquet

Friday, February 11

- 7:00 - 8:30 am Chairman's Breakfast
Mary Wirth
- 9:00 - 9:30 am Housekeeping
- 9:30 - 10:00 am Keynote - "The Magic"
David Gilluly
- 10:00 - 10:30 am Data Recorders
Bob Allen
- 10:30 - 11:00 am Global Positioning
Warren Morris
- 11:00 - 11:30 am BREAK
- 11:30 - Noon GIS - **Brian Fiaco**
- 12:00 - 12:30 pm The Northeast Model
Mark Twery
- 12:30 - 2:00 pm BUFFET LUNCH
- 2:00 - 3:00 pm Panel Discussion
Moderator - Steve Resh
- 3:00 - 3:30 pm Business Meeting/Adjourn

Saturday, February 12

- 8:00 am - 4:00 pm FORS Training Program
at Catonsville Community College
David Gilluly, FORS

7 CFE Credits Category 1

The Reginald Forbes art competition, in both amateur and professional categories, is open to all SAF members and their immediate family. Awards are \$25 - 1st place; \$15 - 2nd place; \$10 - 3rd place. I will bring an entry: yes no.

Registration	Full Meeting	One Day/Night	Total Cost
SAF Members	___ @ \$35	___ @ \$25	\$ _____
State Forestry			
Assoc. Member	___ @ \$45	___ @ \$35	\$ _____
Non-Member	___ @ \$50	___ @ \$40	\$ _____
Student	___ @ \$10	___ @ \$10	\$ _____
Watershed Tour	___ @ \$10		\$ _____
PA Breakfast	___ @ \$12		\$ _____
Awards Banquet	___ @ \$20		\$ _____
Chairman's Breakfast	___ @ \$12		\$ _____
FORS/MAP Workshop	___ @ \$145 FORS Member		\$ _____
	___ @ \$225 Non-Member		\$ _____
Room Registration			
Double per person	___ @ \$110	___ @ \$70	\$ _____
Double Room (couple)	___ @ \$220	___ @ \$130	\$ _____
	Total Enclosed		\$ _____

Two night room registration includes 2 continental breakfasts, 2 lunches, 4 breaks, shuttle to Ellicott City, taxes & gratuity.

One night room registration includes 1 continental breakfast, 1 lunch, 2 breaks, taxes & gratuity.

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Mt. Savage, MD 21545
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Make checks payable to: **MD-DE Division SAF**

You're in Good Hands!

By Earl Higgins



This new year brings the members of the Pennsylvania Division SAF a new group of leaders to the organization. In soliciting candidates for Chair Elect and Secretary/Treasurer, a number of people were approached. The results are a group of officials that will serve the Division well.

When Avis, the rent-a-car people, were in trouble, they sought a number of CEOs... but nobody wanted the job. One candidate told them that they didn't ask him the most important question, "Did he know someone that would take the job?" They were pretty desperate so they asked, "Do you know anyone that would do a good job?" He informed them that Bob Townsend over at American Express might serve them well. One of the people stated that "Townsend, isn't he the portfolio guy? What does he know about the rental car business?" The gentleman related that as far as he knew, Townsend didn't know a thing about rental cars but that he is a PEOPLE PERSON.

Well Avis was pretty desperate and they gave Townsend a shot. In a few months things started to happen. In a year the company made a dramatic turn around and the rest is history. Townsend had the gift to "know" people. People want to have responsibility. If they don't find it at work, they go outside the work environment to find it. These achievers, who aren't allowed to spend \$8.50 for a can of paint to improve their working environment, are running multi-thousand dollar volunteer fire companies, complex nonprofit organizations with multi-million dollar budgets and molding young minds in scouting, little league and 4-H programs. They do these things because they are PEOPLE PERSONS.

PEOPLE PERSONS don't know the meaning of "CAN'T DO." They find a way, and they can get others to follow willingly. Technical expertise is fine, but to get to the top, to be a leader, it is essential to understand and get along with people - who have needs and desires similar to ours.

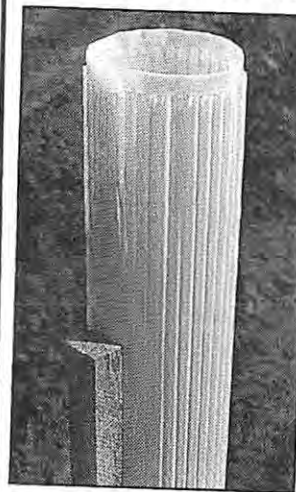
Most CEOs are not engineers, are not designers, are not the inventors of the world. They are sales people. Sales people, to be successful, must be PEOPLE PERSONS. The gift to gab, show concern for the customer's needs, avoid conflict, provide solutions, get to "yes" to close the sale, follow up, make it "right" - all these attributes of sales people describes PEOPLE PERSONS.

Incoming Chair **Roy Seifert**, Chair Elect **Ken Kane**, and Secretary/Treasurer **Doug D'Amore**, are different personalities, have various unique skills, but above all they are PEOPLE PERSONS. They enjoy people, they are friendly, and they were sought out by the Nominating Committee because of these people skills; they were elected by us, the members, because we recognize and value these characteristics. The same holds true for those who agreed to run for the Executive Committee. Sorry, but the By-laws say we can only have four, and it was a very close tally. It was heartening though to have more than enough candidates for these four positions... all potential leaders with people skills. Thanks also to all those who considered running but couldn't because of other commitments (an approaching baby delivery for one).

So take it from me, the Earl, it is my pleasure to inform you that "You're in Good Hands!" ♠

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Words From the New Pennsylvania Chair

By Roy Siefert

Hi, I'm **Roy Siefert**, the new Chair of the Pennsylvania SAF Division. I work for the PA Bureau of Forestry in Potter County. You voted for me two years ago, remember?

In the past few months, I have been asked to attend several meetings with out-going (in more ways than one) Chair **Earl Higgins**. The issues discussed at these meetings has led Earl, and now me, to the conclusion that the PA Division can no longer be a "paper tiger." The voices out there rightly point to the Division level to provide the leadership in responding to statewide issues - local harvesting ordinance proliferation, logger and forester certification for starters.

I intend to take a pro-active stance in the next two years, not as a personal agenda, but rather as a duty to you the members, the citizens of the Commonwealth, and the forest resource (not necessarily in that order).

The issue of harvesting ordinances is already being addressed through the leadership of **Dr. Steve Thorne** and a broad range of committee members. Logger certification training is in the process thanks to the Timber Harvesting Council. Many of our members are active participants in these two processes. My first act as Chair has been to appoint **Don Oaks** as Chairman of the Forester Licensing and Registration Committee, with instructions to develop strategy and prepare proposed legislation leading to Forester Registration in Pennsylvania. We both agree that this issue has to be addressed now.

Don and his Committee members from among the Division have already initiated a strategy for the proposed legislation to be considered by the membership. A Committee report will be presented to the membership at the PA Division breakfast meeting at the Winter Meeting on February 10th in Ellicott City, MD. Please come prepared to comment and offer constructive criticism. The Committee will take suggestions and plans are for a final discussion and agreement on the proposed legislation at a special meeting in June of 1994.

I encourage you, you, and you to join me in becoming active participants in the affairs of the Division. Let chapter and committee chairs know where you stand on issues; sneak into the process and become a leader yourself. Become active and your voice will be heard, and you'll see first hand what the Society can do for you.

I may be calling you to become a member of an active committee. Take a look at page 20 of this newsletter and respond to the request of the incoming Chair, if you are so inclined!

By the way, if you have any comments on licensing and registration, forward them to **Don Oaks** at 311 Second Street, Pine Grove, PA 17963; or call (717) 385-2545. ♠

Dust Off Your Shelves

The Pennsylvania Department of Environmental Resources Central Library in Harrisburg, PA is looking for a copy of Report of the Pennsylvania Department of Forestry, 1905-06. This copy is necessary to complete a series of the reports. If you have one, please contact Librarian Linda Rambler at PA D.E.R. Central Library, P.O. Box 8458, Harrisburg, PA 17105-8458, or call at (717) 787-2105. ♠

Business Management and Development Handbook

One of the most frequent requests of people desiring to start or improve their own business is information on efficient methods to analyze all phases of their operation. Small forest related operations, from logging contractors to finished wood product providers, need to understand business practices and monitor everything from field and shop activities to sales; and labor costs; and insurances; and taxes; and etc.

The Northeastern Utilization and Marketing Council has assembled a "Business Plan Development and Analyses Handbook" to assist small business entrepreneurs in forest related operations. Ed Polaski, Forest Utilization Specialist with PA DER, Bureau of Forestry says that, "...if you are willing to invest the time and effort to read, and apply the material in this handbook, you should be able to keep your forest related business viable and growing."

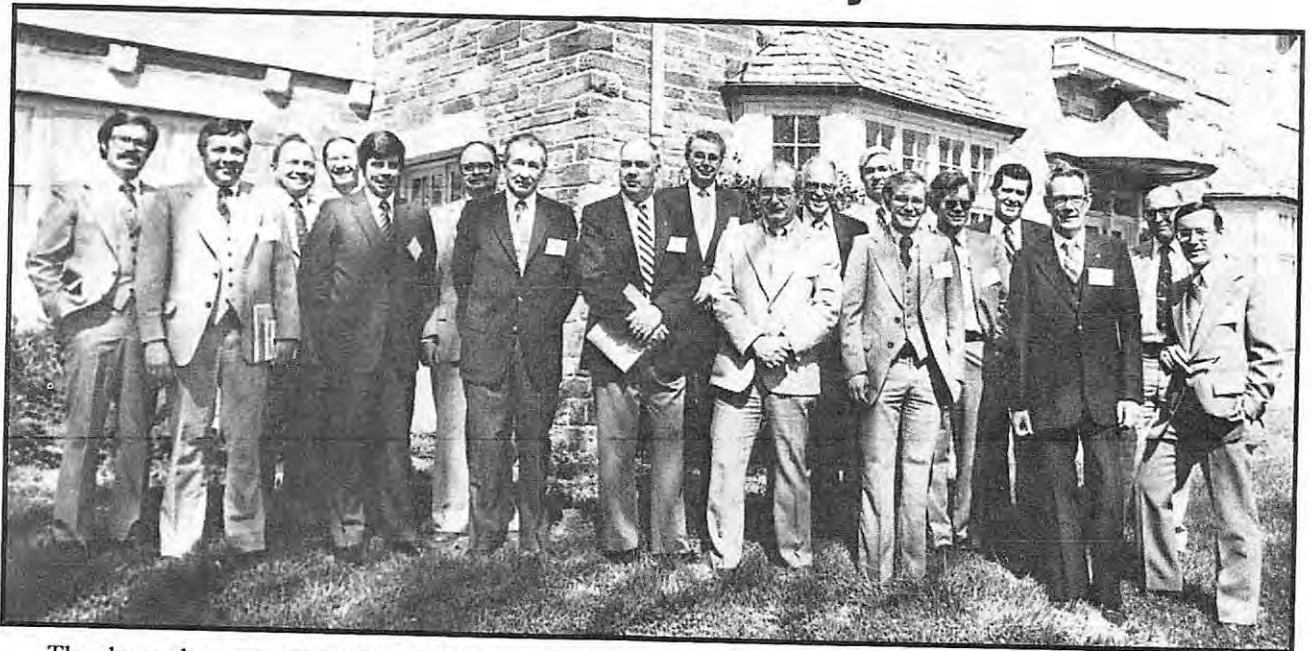
For a free copy of this handbook - it is large - contact Ed Polaski at the PA Bureau of Forestry, P.O. Box 8552, Harrisburg, PA 17105-8552; (717) 787-2105. ♠

MD-DE Division Elects



The November business meeting of the Maryland-Delaware Division of SAF resulted in a new slate of officers for 1994. Pictured above (L-R) are: Francis Zumbur II, Membership Chair; Anthony Dipaulo, Chair Elect; John Jastrzembski, Chair; Steve Koehn, Policy and Legislation Chair; Jonathan Kays, Education Chair; Terrance Clark, Past Chair; Charles Newlon, Secretary; and Kenneth Jolly, Newsletter Editor. (Not shown in the photo is Steve Resh, Treasurer).

A Bit of History!



The above photo was taken at the Wild Acres Headquarters, March 26, 1981, when this delegation of Allegheny SAF leaders assembled to exchange regional forestry concerns with Representatives and staff of the five Congressional Districts (picture furnished by Ron Sheay - 2nd from left). ♠

SAF's "Wild Acres" Home

The Headquarters of the national SAF office occupies a beautifully restored Tudor Mansion in the Maryland countryside just outside Washington, DC. It is a home rich in history and is a fitting place to serve as the home of professional forestry in America.

In 1913, Gilbert Grosvenor, editor of *National Geographic*, purchased the property and christened it "Wild Acres." Elsie May Bell Grosvenor, Gilbert's wife, was the daughter of Alexander Graham Bell. She was an early advocate of women's rights and was active in the National Geographic Society, contributing many articles and helping her husband produce the magazine.

Initially, Wild Acres was the Grosvenor's summer home. The original farmhouse had no running water and no heat. As the Grosvenor family grew, however, the original house became too small and, in 1928, was replaced by the present Tudor mansion. The mansion contained 14 bedrooms, eight bathrooms, and three libraries. Elsie Grosvenor selected the native stone exterior for its pinkish tones and the roof slate was shipped from England.

The Grosvenor's Wild Acres home was the scene of frequent social functions attended by many world-famous personalities. It served as the family's year-round home until 1966, when Gilbert Grosvenor died. Elsie had preceded him in death two years earlier.

In the late 1960s, SAF began meeting with other

professional societies to explore ideas for a consortium of renewable natural resources organizations. A center to house headquarters for member societies was envisioned. In 1970, SAF learned that an anonymous donor would match funds raised for a SAF national headquarters, to be named for Gifford Pinchot. SAF accepted the gift and appointed Gordon D. Fox as Chair of the Land and Building Committee; and Charles Connaughton became Chair of Fund-raising.

Fox approached his friend Tom Gill to serve on the Search Committee. Gill was a Fellow in SAF, a renowned tropical forester, and a writer of popular adventure novels, many of which were made into films. Gill refused the invitation to join the committee, but did voice strong support for a natural resource organization consortium, and assured Fox he would follow the project with interest. In January 1972, SAF joined with other professional societies to form the Renewable Natural Resources Foundation (RNRF). The fund-raising and land search were progressing that year when Gill died suddenly and his identity as the donor of a \$500,000 gift to SAF was revealed.

With his gift, Gill assured that a fitting memorial for SAF's founding forester, Gifford Pinchot, would be obtained - Wild Acres was purchased from the Grosvenor estate. In 1975, the highlight of the 75th anniversary of the Society at the annual meeting in Washington was the dedication of the Gifford Pinchot Forestry Building at Wild Acres as the national headquarters of SAF. ♠

PA Division... A Harvesting Issues Resource for Local Governments

As a result of a U.S. Forest Service Focus Grant to Penn State and the active involvement of a steering committee representing the Hardwood Lumber Manufacturers Association, PA Bureau of Forestry, PA Division of Allegheny SAF, PA Forestry Association, and Pocono-Northeast RC&D Forestry Committee, a comprehensive strategy has been prepared to address the issue of proliferating local harvesting ordinances.

Dr. Steve Thorne, Goddard Professor of Forestry at Penn State and steering committee chair, has asked the Pennsylvania Division SAF to serve as the clearinghouse for a proactive effort to increase the level of involvement by professional foresters and other members of the forestry community in resolving timber harvesting issues at the local governmental level. The Division has accepted, and Chair **Roy Siefert** is in the process of selecting a Local Government Forest Advisory Committee.

Currently about 135 Townships in the Commonwealth have enacted ordinances in an attempt to regulate timber harvesting. "Unfortunately," says Thorne, "too many of these ordinances contain provisions that unreasonably limit or even effectively eliminate timber harvesting."

The Committee strategy contains several elements. First, a booklet has been prepared which addresses issues commonly raised by local governments and citizens about the impacts of timber harvesting in their communities, and urges them to involve foresters in their discussions early in any resolution of disputes. Timber Harvesting Issues and Alternatives: Information for Citizens and Local Governments, is a primer on the economic importance of the forest products industry, the many benefits associated with timber harvesting, basic forest management principles, state regulations, and road posting and bonding procedures. In March, it will be mailed out to every township, county planning commission, extension office, and conservation district in the state.

Second, a package of background information has been prepared to help foresters and other members of the forestry community work effectively with local governments that are considering enacting a timber harvesting ordinance. Working with Communities to Address Local Timber Harvesting Issues: A Sourcebook for the Forestry Community, a part of the package, contains tips on working with local governmental units, describes current local timber harvesting regulations in the state, a description and analysis of various ordinance provisions, and a process for sharing information and getting additional help.

Perhaps the most crucial part of the strategy is the third element - the establishment of a clearinghouse to coordinate the involvement of the forestry community in this issue.

The clearinghouse would:

- * Help identify local governments that are considering timber harvesting regulations
- * Update the forestry community on local regulatory developments
- * Distribute information such as background material and sample ordinance provisions
- * Assist the Penn State School of Forest Resources in maintaining a database on existing timber harvesting ordinances
- * Arrange for professional foresters to become involved in local discussions about timber harvesting
- * Assist the Penn State staff in coordinating training for the forestry community on this topic

The Pennsylvania State Association of Township Supervisors has tentatively agreed to refer questions it receives about timber harvesting regulations to the clearinghouse. The PA Division SAF has agreed in principle to function as the clearing house and be listed as a cooperator on the Timber Harvesting Issues Alternatives publication (confirmation to be finalized at the Winter Meeting in February).

Requests for additional information on the local ordinance project and copies of the documents should be addressed to: Dr. Steve Thorne, School of Forest Resources, 101 Ferguson Building, Penn State University, University Park, PA, 16801-4300 Attn: TH&I/Sourcebook. Telephone (814) 863-2506, Fax (814) 865-3725. ♠

Baltimore Co. Timber Harvest Change

by John Jastrzembski

Through a coordinated lobbying effort by the Maryland Forest Association, consulting foresters, local wood using industries, private landowners and the Executive Committee of the MD-DE SAF, a work group has been formed to streamline the timber harvest permit process at the request of the Honorable Roger Hayden, County Executive of Baltimore County. **Steve Koehn**, Legislation and Policy Chair for the MD-DE Division will represent the Division in this effort to simplify an inefficient and somewhat unaccountable permitting process. Baltimore County, with 104,700 acres of forestland, is a valuable resource to the citizens of Maryland and to the residents of the County.

Forestry in Baltimore County is too-often considered a precursor to development. The role of the Work Group is to develop an efficient and accountable permit process which can differentiate, to the extent possible, between legitimate forest management and pre-development clearing. ♠

Pa Forestry Association's 107 Annual Meeting

By Roy Siefert



Mr. and Mrs. Wallace Riley (center) stand proud as 1993 PA Tree Farmers of the Year, with President Norm LaCasse (left) and PA Tree Farm Chair Scott Kurtzman of Glatfelter Pulp Wood Co.

Sunny, cool, crisp weather, and emerging fall color welcomed members of the PA Forestry Association (PFA) in Clearfield, PA for the 107th meeting of this oldest forestry association in the U.S.

The program consisted of many stops on a field trip arranged by PA Bureau Forest District personnel Paul Augustine, Lee Warren, and Wayne Wynick. Stops included: a deep-mine reclamation area, a man-made wetland for the treatment of acid mine drainage, and review of current research at Penn State by John Skelly and Kim Steiner on the effects of air pollution on black cherry. Later John Skelly presented an interesting slant on, "Air Pollution: A Worldwide Perspective."

Awards at the Banquet included: The (coveted) Joseph T. Rothrock Award, Dick Thorpe; Outstanding

Tree Farmer, Wallace Riley; Outstanding Logger, James Deetscreek; The Roe S. Cochran Award, Sandy Smith; and the Urban Forestry Award, Jennifer Arkett. To end the evening, Waterways Conservation Officer Stan Hastings had some Eastern timber rattlesnakes along as visuals for his presentation on reptiles and amphibians of Pennsylvania.

Past officers Norm LaCasse, President; John Peters, Vice President; Bill Corlett, Secretary; and Al Schutz, Treasurer, were all reelected for another term. New and reelected Board members for 1994 are: Barry Capell, Blair Carbaugh, Marian Deppen, Eleanor Mass, Harold Mitzel, Steve Thorne, and Mary Wirth. Δ



"The 'Gang of 11,' retired PA Bureau of Forestry 'icons' (left to right, standing) Bill Corlett, Jack Paulhamus, Don Sumner, Frank Kennedy, Al Schutz, Lynn Frank, Jerry Magistrella, and Dave Steward; (kneeling) Dick Thorpe, Stan Walton, and Charles Merroth.

Penn State Student Chapter at Indianapolis

By Christopher D. Gerhart



Penn State SAF Student Chapter in Indianapolis. L to R: Curtis Hollabaugh, Lynnette Wimer, Gary Gilmore, Karli Suders, Charles Ruffner, Amy Rushatz, and Christopher Gerhart.

Thanks to the School of Forestry, Dr. Steve Jones (faculty advisor) and Joe Harding (Forest Supervisor, Stone Valley Experimental Forest - and van driver!), seven of us student members were privileged to attend the National Convention in Indianapolis this year. A long ride, but well worth it. A professional education opportunity with exposure to the diverse and interesting working groups and members of other student Chapters.

The student issues covered at the specially scheduled break-out sessions centered on gaining more student participation not only at the national conventions, but at Student and local Chapter meetings.

Back to campus, the books, and learning with enthusiasm, is the best way to evaluate such a trip. The Penn State Student Chapter has already implemented plans to increase activities at Local and State Division functions (see the student participation in a "Walk in the Woods" program held recently in conjunction with the Rothrock Chapter on page 3). Δ

MD-DE Division Calls for Rewriting Biodiversity Report

by John Jastrzembski

In a letter to members of the Governor's Executive Committee on Trees and Forests, and to the Alliance For the Maryland Forest Subcommittee on Biological Diversity, the MD-DE SAF requested that the report, Biological Diversity and Maryland Forests, Final Draft, be rewritten in its entirety prior to being submitted to Governor Schaefer.

The MD-DE SAF letter began by affirming the SAF's position that biological diversity is essential in healthy, productive forests. However, the six-page letter pointed out that the Final Draft Report: poorly outlines future policy; incompletely reports on biodiversity and weakens the importance of the concept; polarizes environmental groups by not involving them in the drafting of the report; reduces the importance of the Governor's Secretariat by forming an Executive Committee to oversee activities of the Governor's Executive Branch; and violates the Report of the Governor's Task Force on Trees and Forests by blatantly disregarding recommendations 2 (promoting dialogue); 14 (citizen involvement); 19 (protecting private landowner rights); and 20 (sustainability of local economies). Furthermore, the Final Draft suggests a preservation "lock it up" philosophy over state lands management, regardless of scientific evidence indicating

that this is not an acceptable approach.

The letter concludes by offering the assistance of the MD-DE Division in re-writing the Final Draft to provide a clear and concise document which can serve as a foundation to give forest managers in Maryland the flexibility necessary to make decisions pertaining to biological diversity.

The MD-DE letter was the product of the hard work and diligent effort of the Biodiversity Work Group formed at the Summer Meeting which resulted in 37 pages of comments. Special thanks to **Wade Dorsey, James Roberts, William Bond, and John Jastrzembski** for their efforts.

Despite the SAF letter, and despite strong SAF opposition via **Jack Perdue**, our representative to the Governor's Executive Committee on Trees and Forests, the Final Draft Report was forwarded to the Governor's Office. Fortunately, the process has not ended! The MD-DE SAF had been asked to appoint a member to serve on a panel to revise the document and take into consideration the concerns of the public and represent the professional forestry community.

For further information please contact John Jastrzembski at (410) 464-3065. ♠

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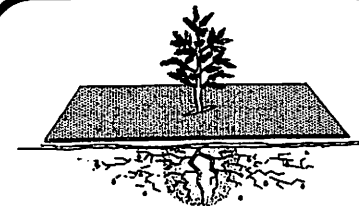
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Restoring Jersey's Atlantic White-cedar

By George Pierson and George Zimmerman

What is it about Atlantic white-cedar that arouses such strong emotions? Opinions about managing the species have ranged from leaving it alone entirely to converting its habitats to other uses entirely. At times, people's responses to the potential loss of white-cedar trees have been violent. Proposed harvests have been "spiked" - with large nails driven into trees to inflict harm to sawmills and their operators. On the other hand, areas where research to re-establish the trees is taking place have been vandalized, as if for some devious purpose. To understand these divergent feelings and the current research efforts to restore this disappearing resource, it is necessary to examine the characteristics and history of the tree itself.

The Atlantic white-cedar (*Chamaecyparis thyoides*) occurs along a coastal belt 50 to 130 miles wide, from southern Maine to northern Florida and westward to Mississippi. In New Jersey it is found mostly in the state's southern counties.

White-cedar wood is very light, soft, even-grained, fine-textured and wonderfully fragrant. Although comparatively weak, the heart wood is extremely durable and resistant to moisture, decay and insects. The wood is used for poles and posts, siding, shakes, shingles, lath, boat building, pails and tanks, logs for cabins, canoes and duck decoys. In the last century, most of the houses in Philadelphia and Wilmington were built with cedar shingles from southern New Jersey's swamps. In 1911, more than 669,000 board feet and more than 20 million shingles were cut in New Jersey. Today, cedar continues to be an important timber resource in southern New Jersey with a reported harvest in 1982 of 250,000 board feet.

As a result of the wood's many uses, cedar acreage started declining steadily before the turn of the century. By 1974, there were fewer than 50,000 acres of white-cedar in New Jersey. Recent aerial photo interpretation by the Bureau of Forest Management shows that there are currently 41,690 acres of white-cedar. Of these, 26,136 acres are composed of more than half cedar.

Cedar habitats have generally been lost in two ways. First, the trees' habitats have been taken over for other uses. This usually results in permanent loss. In the 1960s and early '70s, for example, many coastal areas where the trees thrived were converted to housing developments on lagoons or to other uses, such as cranberry bogs. In addition, for some coastal cedar, there may have been a reduction in suitable sites as a result of the long-term rise in sea level.

The second way cedar is lost is through the partial or total conversion of a habitat site to hardwoods. These areas have the potential of being converted back to cedar.

The conditions under which white-cedar grows make it particularly susceptible to crowding out by hardwoods. The cedar is a pioneer species found on open peat soils



White-cedar is so durable and valuable, in the 1920s, logs like these were mined from peat bogs and put to a wide variety of uses.

underlain by sand. Cedar seedlings require strong sunlight and are intolerant of shade. Stands develop only after an area has been opened up by severe disturbance, such as fire, wind storm, ice damage, timber harvesting, or cranberry bog abandonment. In the past, for instance, beaver colonies that constructed and abandoned dams created conditions ideal for cedar to prosper.

As a cedar stand develops, it maintains a closed canopy at tree-top level and an open understory lower down. As it matures, openings occur in the canopy and a hardwood understory develops. Over time, these hardwoods will flourish and supplant the cedar. There are extensive areas of hardwood swamps that were once cedar - and can again be cedar in the future. However, research has shown that if Atlantic white-cedar is left alone, it is replaced over time by hardwoods. It requires natural disturbance - or human intervention - to continue its existence.

People's attachment to the trees may be intensified by the fact that several endangered and rare wildlife species are associated with white-cedar swamps, including the Pine Barrens tree frog, the bog turtle, the four-toed salamander and the timber rattlesnake. In addition, a number of interesting and beautiful plants, including several insectivorous species of orchids, milkworts, sedge and cotton grasses are often found in association with cedar. Like the cedar, most of these species are also found in association with disturbed areas. Several of these plants require disturbance that creates relatively open-bog conditions, such as past mining of bog-ore, deep-burning fires, or the removal of shrub stems and roots (also known as "turf") to stabilize slopes and road cuts and fills. Plants favored by such conditions include pitcher plants, sundews and curly-grass fern. Many of the native orchids occur

(continued on page 19)



Mined shingles, called "mud shingles," cut from these logs were supposedly extra durable.

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A Buried Treasure

Atlantic white-cedar forests were once widely distributed in New Jersey with major stands in the Pine Barrens, the Hackensack meadowlands, and at Sandy Hook. The Sandy Hook peninsula was completely stripped of white-cedar for ship building during colonial times. Today, only sun-bleached stumps remain.

As early as 1750, Swedish botanist Peter Kalm reported seeing heavy cutting operations in dense stands of cedar along the Egg Harbor River in Atlantic County. He believed that if cedar were not available for roof shingles, most of the houses in New Jersey and Philadelphia would have had to have been rebuilt to support the extra weight of shingles made from other materials.

In the 17th and 18th centuries, many cedar swamps were clear cut, flooded and converted into cranberry bogs. In southern New Jersey, many swamps have probably been clear cut as often as six times since the Colonial period.

In Colonial times, there was a vast stand of white-cedar covering about 30,000 acres on the Hackensack meadows. The thick woods provided many hideouts for highwaymen who robbed travelers on the old plank roads.

In 1947, many cedar logs were removed from excavations for highway construction at Secaucus. These were found at a depth of about 10 feet below the surface. The largest specimen was three feet in diameter. Further south, cedar logs were found at levels ranging from 17-40 feet below the surface of the marshes.

In the 19th century and again in the 1930s, the mining of cedar logs buried under peat deposits flourished in southern New Jersey. These logs were relatively sound and split into rails and shingles. ♠

Restoring Jersey's Atlantic White-cedar

(continued from page 17)

primarily in openings created by past disturbances, such as the types mentioned above, including logging and the abandonment of logging roads.

A more purposive form of disturbance is human intervention - on behalf of restoring the white-cedar. In 1989, Stockton State College requested and received a small grant for a pilot project in cedar restoration from the Bureau of Forest Management in the New Jersey Department of Environmental Protection and Energy's Division of Parks and Forestry. This pilot project established study sites and identified potential techniques for a future large scale white-cedar regeneration project. Since then, Stockton has expanded its leadership of the project and Rutgers University's, Cook College, as well as private companies such as Land Dimensions, are contributing research to the project. Funding to continue the project for a five-year period is being provided by the USDA Forest Service and the DEPE's Bureau of Forest Management and Division of Science and Research. The Bureau of Forest Management is coordinating these projects and will implement a plan for cedar restoration based on the findings.

The project's two objectives are to explore ways to restore white-cedar under different conditions and to provide updated and new techniques that may be used to manage the species. The situations being examined include a five-year-old cedar clearcut (or cutting of an entire stand of trees) that failed to regenerate, recent clearcuts, and the conversion of hardwood stands to cedar. Techniques being used include the release of cedar seed dormant in the soil, seed collected at other locations and sown on site, and the planting of seedlings and rooted cuttings.

One of the factors inhibiting cedar regrowth with which the project is dealing concerns the threat to the species from deer. Deer browsing causes severe damage to cedar seedlings and is so extensive in many areas that new stands cannot form. To control deer, electric fences, chemical deer repellents, a ten-foot-tall metal woven fence and an alternate food-patch (designed to divert deer from browsing on the cedar), are being used. These techniques are employed separately or in tandem in carefully designed experiments. Both batteries and solar panels are being examined for their ability to provide power for the electric fences.

A federally approved herbicide that affects only those plants that compete with cedar was used to control vegetation at several study areas. At Penn Swamp in Wharton State Forest, an experiment was set up in and outside the woven deer fence to study the effects of different levels of logging slash - i.e., the residue branches, twigs and stems of trees discarded when a site is harvested by logging - on cedar growth. There are conflicting reports by scientists as to the effects of this slash on the

establishment, growth and survival of cedar. Initial data indicate that while logging slash may inhibit the germination and early development of seedlings, it may enhance the long-term survival of the cedar.

A number of Stockton scientists and their student have, on a volunteer basis, studied other important components of the ecosystem affecting cedar. Some of these projects involve an analysis of the water characteristics - or hydrology - at the sites, aerial photo interpretation providing land-use and disturbance history, three dimensional modeling of the peat layers, and numerous seed germination experiments. The ability of diverse groups of scientists to tackle ecosystem problems in a team atmosphere has been one of the project's strong points.

Tremendous amounts of information have been gathered in the first few years. Some results to date are obvious. The severe effects of deer on cedar regrowth have been very dramatic and can probably explain many of the failures to regenerate cedar in New Jersey in recent



"I have a pencil made from a mined cedar log... it has been carbon dated at 5,000 years old." *George Pierson*

times. At Wharton State Forest's Penn Swamp, for instance, there are no cedar seedlings over two-feet tall outside the fence that has been constructed to keep out deer. Inside the fence, on the other hand, there are thousands of seedlings two-feet tall or taller per acre. This is in spite of vandals who, in the last two years, have twice destroyed hundreds of feet of the fence. Only diligence by Stockton State, the Bureau of Forest Management, park rangers and other state officials have saved the cedar on the swamp.

The future actions of all people - professional, private citizens and government officials - toward the cedar should be based on facts not fiction. As more data are collected and analyzed, they will have a profound influence on how cedar is managed. As populations increase, the pressures on our resources demand that we use and manage them wisely, if all living things are to survive. In the case of the magnificent Atlantic white-cedar, survival will also depend on our continued ability to match the strong emotions the species arouses with sound science. ♠

This article, similar to one published in the Summer Issue of New Jersey Outdoors, imprinted here with permission of George Pierson.

Coming Events

January 1994

28-29 WV Division SAF Meeting, Radisson Huntington Hotel, Huntington, WV, "Forest Health in WV, Legislative Issues, Business Meeting & Hockey!" Rudy Williams, (304) 758-2512.

29 "Research and Management of Atlantic White-Cedar", John Benton, State Forestry Services, CN404, Trenton, NJ 08625

February

6-8 SAF National Council Meeting, Wild Acres Bethesda, MD.

9-12 1994 Allegheny SAF Winter Meeting, "Forestry Today: the Myth and the Magic," Turf Valley Hotel, Ellicott City, MD (see centerfold for registration).

March

30 Fifth Annual Environmental Issues Conference, Shippensburg University PA, "Watersheds: Rediscovering Our Common Connections," featured speaker, Richard Merrit, Contact Kings Gap EE Center (717) 486-3799.

June

14-16 13th North American Forest Biology Workshop, Baton Rouge, LA, "Biodiversity in a Changing Environment," Jim Chambers (504) 388-4131.

Summer 1994

The West Virginia Division will host The Allegheny SAF Summer Meeting.

September

18-22 1994 National SAF Convention with the Canadian Institute of Forestry, Anchorage, Alaska. Average meal/lodging costs for a single room & three meals:

Anchorage, AK	\$125.00
Salt Lake City	117.15
Seattle	142.95
San Francisco	193.55
Washington DC	248.20

Think About It!

Future National SAF Meetings:

1995 Portland, Maine
 1996 Albuquerque, New Mexico
 1997 Memphis, Tennessee

Allegheny Society of American Foresters Committee Chairs

New Committee Chairs will appear in the next issue of *The Allegheny News* following their appointment. If you wish to serve, please contact Mark C. Vodak during the day at (908) 932-1766.

"Cancellation" What Does it Really Mean?

"Please cancel my membership."

All professional associations receive occasional notes of cancellation, usually short and to the point. More often though, memberships are just allowed to lapse.

No matter the reason or rationale for cancellation of professional memberships, this is what is being said:

"Please cancel my support for the promotion of a positive public image for me and the other members of my association.

I have no strong feelings about the Association's positions on issues affecting the practice of my profession.

Cancel my support for a united voice for our profession at all levels of government.

I have no interest in the agencies that tax, license and regulate our professional activities and that of our clients.

Cancel my support of the welfare of all the people who are, or could, or should, be touched by the services of our association members.

Cancel my opportunity to continue to meet with and share new knowledge with other members in the forestry and allied professions.

I guess I'm not proud to be a member of a relatively young professional association which has accomplished so much for the resource and its users since 1900." ♠

*"To believe with certainty,
we must begin with
doubting."*

Polish King Stanislaus

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