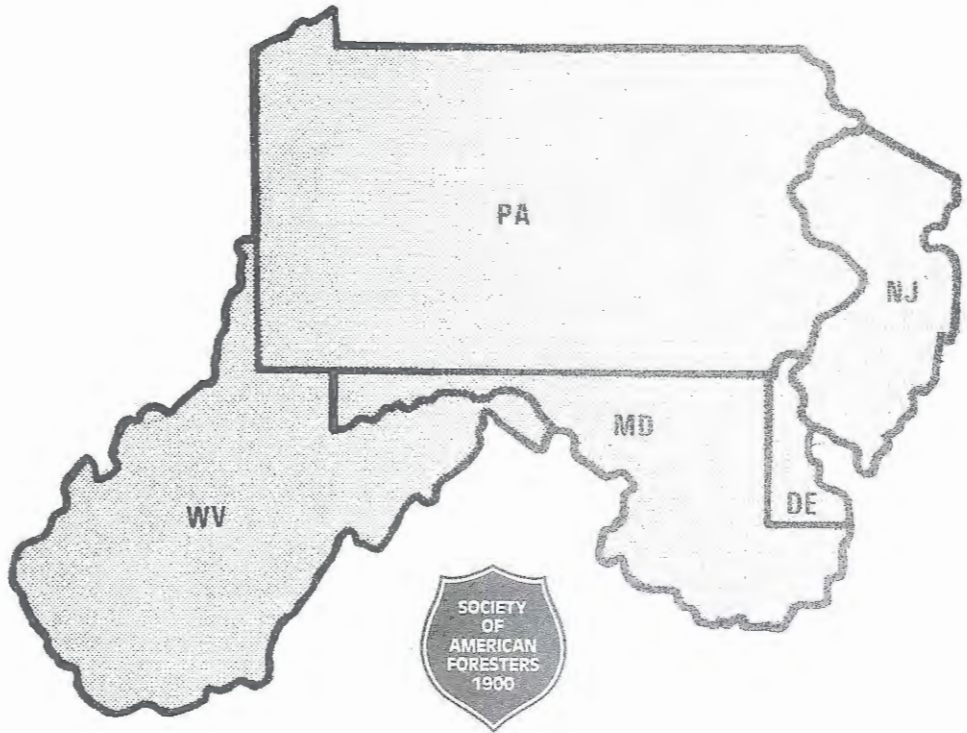


# The ALLEGHENY NEWS



**This issue contains:**  
Announcement of '86 Winter Meeting

**Forestry Is Alive In '85**  
Goal to raise \$10,000 for  
"Continuing Education Fund"  
underway!

SUMMER 1985

# ***Allegheny News***

## **Allegheny Society of American Foresters**

### **EXECUTIVE COMMITTEE**

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#### **FOREST SCIENCE COORDINATOR**

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W. Virginia University, Morgantown, WV 26506

#### **NEWSLETTER**

WILLIAM A. ACKROM, Editor, P.O. Box 327, Emporium, PA 15834-0327

RICHARD LANCASTER, Advertising Editor  
P.O. Box 327, Emporium, PA 15834-0327



The Allegheny News is published three times a year by the Allegheny Society of American Foresters.  
Its circulation reaches more than 1200 members.



# Notes From The Chairman

## **SUMMER MEETING:**

The Northern Hardwoods Chapter hosted the 1985 Allegheny SAF Summer Meeting in Williamsport, Pennsylvania. Eighty-five members and guests enjoyed both the social and educational aspects of this meeting. Highlights of the meeting were the Hiawatha Riverboat Tour of the original Log Boom on the Susquehanna River and the Tour of the Keystone Veneer Plant. A short business meeting was held. Don Nibert and Francis Kennedy did an outstanding job in planning and hosting the meeting.

## **"FORESTERS' FUTURE: LEADERS OR FOLLOWERS"**

Those attending the 1985 SAF Convention were stimulated by a program on the above theme. Whether foresters make the decisions or are relegated to only enacting policy set by others rests on our ability to provide a wide range of benefits from the forest and our ability to meet social and political goals and objectives.

This is not a new problem. The September issue of New York Forester made me aware of an early problem our profession had with political considerations. The story of Bernhard E. Fernow and the Cornell College of Forestry was presented by Carl Wiedemann, Chairman, New York SAF.

Briefly, the nation's first professional College of Foresters was started at Cornell in 1898. Bernard Fernow, a Prussian Forester who had been Chief Forester of the U.S.D.A., Division of Forestry, was selected to be the Dean. Yet, after only five years, the college was closed amidst controversy concerning the management of the 30,000 acre college forest in the Adirondacks.

Mr. Fernow's demonstration forest utilized clear-cutting and established a plant to produce staves and wood alcohol. The State Legislature considered the forest land to be denuded, and failed to appropriate funds for the college.

Today, we can see that Mr. Fernow's silviculture methods were successful. However, the political controversy generated by his methods set the development of forestry back several years in New York State. We must learn from past mistakes. The rightness or wrongness of our actions will depend not only on the silvicultural results, but on how well the social and political factors have been accommodated.

We can be leaders; our effort will be the deciding factor.

## **ELECTION:**

The Fall Ballot will soon arrive. Please note that the Allegheny SAF can elect six Fellows. We have three candidates: Jack Coster, Paul Felton, and Eugene McNamara. Kenney Funderburke is a candidate for the office of SAF Vice-President.

Please vote!

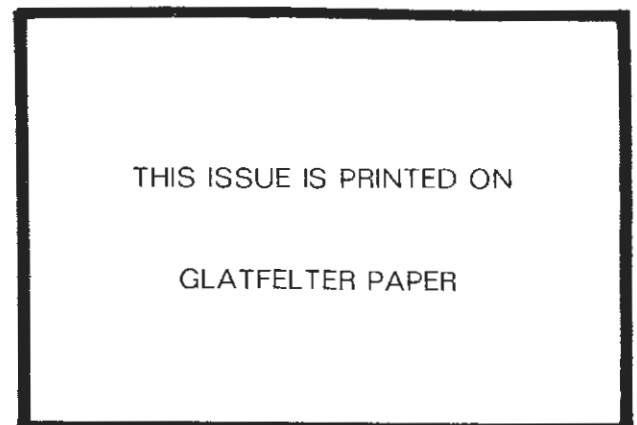
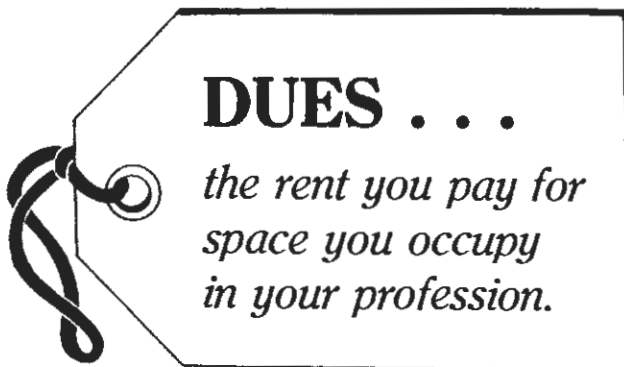
## **CONTINUING EDUCATION FUND:**

Please read the article on the Continuing Education Fund in this issue and support the fund. Thank you.

## **1985 CONVENTION - FORT COLLINS:**

The following Allegheny SAF members were seen at the National Convention by Chairman Bob Martin: Max Coy, Bob Bond, Al Croizer, Anne Fege, Jack Coster, John Grey, Walt Davidson, Kenney Funderburke, Jim Hale, Glenn Hughes, Nils Johnson, Al Knox, Jim Nelson, John Kundt, Bruce Schick, Rex Melton, Ken Swisher, Stan Walton, Harry Wiant, and Jack Wineski.

Bob Martin





# People

## Three SAF Members Assume New Duties With Glatfelter Pulp Wood Co.

Thomas R. Wieland has been promoted to the position of Area Forester, Hancock Area, Chambersburg, Pennsylvania, by The Glatfelter Pulp Wood Company, Spring Grove, Pennsylvania.

The Glatfelter Pulp Wood Company is the forestry subsidiary of P.H. Glatfelter Company, Spring Grove, PA, manufacturer of printing, writing and technical specialty papers.

Mr. Wieland is a graduate of Virginia Polytechnic Institute and State University where he received his Bachelor of Science degree in Forestry in 1979.

Prior to locating in Chambersburg, Wieland had been at the company's headquarters in Spring Grove, PA, where he was responsible for the company's Tree Farm Family Program of forest management assistance to private woodland owners.

He will have responsibility for company activities in Franklin and Adams Counties, lower Fulton County, Washington County, Maryland and northern West Virginia, including pulpwood and sawmill chip purchases and management of company timberland.

Wieland is a member of the Society of American Foresters and is an inspector for the Pennsylvania Tree Farm Committee. He and his wife Patricia reside in Chambersburg.

Charles K. Johnson has assumed a newly created position of Staff Forester, at the Fredericksburg, Virginia district office The Glatfelter Pulp Wood Company.

A former resident of Wantagh, New York, Johnson is a graduate of the College of Forestry at Syracuse where he received his Bachelor of Science degree in forestry in 1976. In 1984, he received his Masters Degree in Business Administration from Shippensburg State University.

Employed with the company since 1977, he will have varied responsibilities including pulpwood and sawmill chip purchases and management of company timberlands.

He is a member of the Society of American Foresters. He, his wife Lee and three children reside in Fredericksburg.

Scott J. Kurtzman has recently joined the staff of The Glatfelter Pulp Wood Company, Spring Grove, PA, as Tree Farm Family Forester. He is responsible for the company's Tree Farm Family Program which provides forest management assistance to private woodland owners.

Kurtzman is a graduate of Virginia Polytechnic Institute and State University where he received his Bachelor of Science degree in forestry in 1982 and is a member of the Society of American Foresters. He, his wife Donna, and daughter Katie, reside in York, Pa.

\*\*\*\*\*

**E. ALLEN CROZER**  
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## Kenney Funderburke, Jr. Awarded Certificate of CFE Accomplishment



**SAF Fellow Kenney P. Funderburke, Jr. was recently awarded a "Certificate of Continuing Forestry Education Accomplishment." The award, which Kenney proudly displays, recognizes 150 contact hours of continuing forestry education and professional development which he achieved over the past three years. As the certificate states, Kenney's efforts were "directed toward updating and acquiring new knowledge and skills related to forestry."**

## Hacskaylo Wins The Barrington Moore Memorial Award

Edward Hacskaylo was honored by the Society of American Foresters with the presentation of the Barrington Moore Memorial Award, given in recognition of his outstanding achievements in biological research leading to the advancement of forestry. Hacskaylo was presented with the award at the Society of American Foresters' 1985 National Convention in Fort Collins, Colorado.

An adjunct professor at West Virginia University and a private consultant since his 1982 retirement from the U.S. Forest Service, Hacskaylo has authored or co-authored seventy publications on mycorrhizae and forest growth. He traveled to Sweden early in his career to study with Professor Elias Melin, the foremost mycorrhizae researcher at that time. Hacskaylo continued mycorrhizal research during his 27 years as plant physiologist with the Department of Agriculture and the U.S. Forest Service. His research led to the use of mycorrhizal inoculations of pine in Puerto Rico, which allowed plantation establishment in the Caribbean.

Dr. Hacskaylo received his Bachelor's, Master's, and Ph.D. from the George Washington University in Washington, D.C. The award recipient has received numerous honors in the past, including election as Fellow to the Washington Academy of Sciences, Fellow of the Explorers' Club, and member of various national honor societies.





## Obituaries

**Henry "Hank" Kaczynski** died of a heart attack at the age of 64 on July 28, 1984. Hank began his career with the New Jersey Bureau of Forest Management in 1947 after graduating from North Carolina State University. Previous to 1947 he spent time in the Army and was in the European Theater during World War II.

His first duties with the then Reforestation Section were in nursery and reforestation work. He also assisted with the cooperative forestry work throughout the state. In 1959 he was promoted to senior forester and assigned to District, III (Burlington, Ocean, and Monmouth Counties) to provide technical forestry advice and assistance to private landowners. He also assisted in the management of state lands. Hank was instrumental in the management of Fort Dix's woodlands and eventually convinced Fort Dix personnel to hire a forester to manage their lands.

In 1966 he was promoted to Principal Forester in charge of the State Nursery and was later responsible for the State Lands Management Program from which he retired in 1980 after 33 years of service.

Over the years he was active in New Jersey Division affairs and committees and served on the Executive Committee in 1966. He is survived by his wife, Vi, who resides in Medford.

Ron Sheay

from New Jersey Division Newsletter

\*\*\*\*\*

**Willard W. Gregory**, 69, retired associate professor of Chemistry at Penn State/Mont Alto, died February 15, 1984.

He retired in 1980 after 22 years with the University. A resident of Fayetteville, he continued to teach occasionally at Mont Alto following his retirement.

He earned a degree in organic chemistry in 1936 and a master's degree in food chemistry from Cornell University in 1937.

He was a member of the American Chemical Society and the Pennsylvania Association of College Chemistry Teachers.

per "Alumni News" Mont Alto PSU Campus



## Nelson Tool Eases Foresters Work.

The Nel-Script Tube Marker is especially designed for C.F.I. work, tree studies, boundaries, corners, or wherever extreme durability is required. It is a collapsible tube containing paste paint which can be applied as a heavy bead or ribbon that will remain visible from ten to fifteen years. The paste paint is squeezed directly from the tube onto the surface to be marked and a special spout makes it possible to produce small, neat numbers and letters in print or script form, as well as symbols and other designs. The free flowing paste paint can be placed neatly in the crevices and on the ridges of rough barked trees, as well as on smooth surfaces such as steel and concrete. For complete information on the Nel-Script Tube Marker, contact Nelson Paint Company, P.O. Box 907, Iron Mountain, Michigan 49801.

## AFI and SAF Join In PLT Project In Pennsylvania

Jim Speice and Bob LaBar of Hammermill Paper Co. in Pennsylvania have given substance to a resolution of the Society of American Foresters. To encourage foresters to support Project

Learning Tree, a letter and return postcard were sent to each SAF member in Pennsylvania to determine their interest and availability to be resource people for teachers.

So far, over 175 industry, public and consulting foresters have said yes! A directory of these foresters by county is being compiled for distribution. A directory with a letter from June McSwain of AFI in Washington and John McDermott, PLT coordinator in Pennsylvania, will be sent to every teacher in the state who had attended a PLT workshop.

The next step is to get all of these 175 SAF foresters to attend a PLT workshop to be more familiar with the program. This is not mandatory, however.

The value of the project is to bring foresters and teachers closer together. It also adds depth to the learning experience. Our children AND the forests of tomorrow will benefit.

per American Forest Institute  
"Core Sample" - Mar. '85

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# Allegheny Reflections

By Bill Corlett



Having just returned from a great SAF National Convention in a beautiful and exciting part of the country, I can't help wondering how many of you remember when the Allegheny was the host section for a national meeting. While you are thinking, let me comment about the 1985 meeting.

There were technical and professional sessions, planned activities, and tours before, during, and after both conventions, but that's about where the similarity stops. The Colorado State University campus at Fort Collins is beautiful, and the Student Center was a great facility for our purposes. The main ballroom where the major sessions were held has a balcony which looks out over a wide expanse of campus with a lagoon in the foreground and the Rocky Mountains in the background. The campus and the entire city are green and pleasant, but only because they bring water from the western slopes of the Rockies and water their lawns regularly - often twice a week - to compensate for receiving only about sixteen inches of rainfall per year. The almost daily scattered showers which characterize the weather last only a few minutes, often produce less than measureable amounts of precipitation each, and evaporate almost immediately because the humidity is so low. So this convention took place in a city-wide oasis where virtually every tree, even those now shading two-story buildings, has been planted, where water is a constant concern but is not metered, either to the businesses or to the residents, and where it is only a short drive to reach the Rockies. Many took advantage of organized trips and independent travel into Rocky Mountain National Park and up the gorge of the Cache la Poudre River in the Roosevelt National Forest, hiking in to sparkling lakes fed by small glaciers and snow fields; to alpine meadows alive with Columbines, Indian Paint Brushes, Wild Sunflowers, Daisies, and a number of other flowers which can survive at and above tree line; and to broad expanses of tundra at elevations around 12,000 feet where the flowers are splatters of color in the sparse grass cover and where there is a 360° view of peaks and small glaciers at equal or lower elevations.

In the mountains where there is adequate rainfall the ponderosa pine and Engleman spruce are impressive. The air is so clear and dry that the moon comes up white. The Rockies are awe-inspiring, and a convention in that setting is a marvelous professional mind expander. It's the next best learning experience, I suppose, to working out there.

The trip and the entire experience were wonderful, but I came home and gave thanks for rich, fertile valleys and mountains which grow trees and animals all the way to the top and down the other side;

for species diversity that challenges a manager's skills; and for the rich historical and professional heritage of this part of the country and of the Allegheny Society.

We are truly blessed, and we thought so years ago when we invited the Society to hold its national meeting within our borders. The Section issued the invitation in 1964, and we asked Maurice Goddard to "use his influence." He was a Past Chairman of the Section and had been a Council member, in addition to his other professional credentials.

Even back then the annual meetings were scheduled well in advance, so it was a long time before we got a response, and it was 1968 before we hosted the meeting. Actual siting and most major arrangements were, and still are, the responsibility of the National Headquarters, so even a letter from the Governor of New Jersey inviting us to meet in Atlantic City fell on deaf ears, and the Philadelphia Sheraton was chosen.

It took a lot of people and a lot of planning. Gus Tryon was Section Chairman in 1967, and Ben Stout followed him to be the actual host chairman, but throughout the process there were many members involved. Remember the dumb hats we wore to identify the Hospitality Committee? In Colorado this year the hosts wore colorful vests, and there were buttons and stickers and ribbons.

The theme in 1968 was "Forestry and the Human Environment," and the optional tours included Valley Forge, the Brandywine Watershed, State Forest Management, the Pine Barrens, Franklin Institute, the Pennsylvania Dutch Country, New Hope Village, Pennsbury Manor, the Philadelphia Navy Yard, and Longwood Gardens. The banquet was a clambake.

Quite a few people still active in SAF had leadership roles in that meeting. At the risk of some major omissions, let me attempt a short list:

- Program Chairman - Dr. Goddard
- Information and Hospitality - Gus Tryon, Manny Gordon
- Finance - Hal Geiger
- Publicity - George Moorhead
- Entertainment (Ice breakers and clambake) - Bob McDermott
- Decorations and Directional Signs - Gene McNamara
- Points of Interest (He identified 50 or 60) - Dave White

**Continued on Page 5**



**National Forest Products Week  
October 20-26, 1985**



# 1986 Winter Meeting

## Allegheny and National Capitol Society of American Foresters

The Greenbrier Hotel, White Sulphur Springs, WV  
February 19-21, 1986

The 1986 Allegheny S.A.F. annual meeting will be held at the world famous Greenbrier Resort in White Sulphur Springs, West Virginia, February 19-21. Plans are being made for over 200 foresters to attend this joint meeting with the National Capitol Society.

"In the mountains of West Virginia, there is a resort that has defied time and trends. In a day when most grand hotels are only a 'remembrance of things past,' The Greenbrier is more alive and vibrant than it was in the 1800's when it was the Summer White House for seven presidents or in the early 1900's when the Astors and the Vanderbilts challenged the Prince of Wales to a round of golf. It has more to offer than it offered Bob Hope and Bing Crosby in the 40's and yet the feeling there is that the best is, still, yet to come."

The West Virginia Division of the Allegheny S.A.F. promises a top flight program, excellent commercial exhibits, outstanding cuisine and social functions - all at this world class resort. Registration materials will be coming to you this December. Early registrants will receive a permanent S.A.F. name badge. Alternative lodging will be available for members, their families and for students.

This is a meeting you won't want to miss, so mark your busy calendars for February 19-21, 1986!

### TENTATIVE AGENDA

#### Wednesday, February 19

1:00-5:30 PM - Registration, Chesapeake Hall Corridor  
2:00 - Swimming, bowling, tennis, saunas, ice skating, sleigh riding, etc  
4:00-8:00 PM - Forestry Exhibitors, Chesapeake Hall

#### Allegheny Reflections -- Cont. from Page 4

Speakers included Dr. Goddard and Bill Sopper, and the records show that John Gray, Gene McNamara, Warren Doolittle, Bill Moll, Steve Liscinsky, Bob Wingard, Si Little, Ken Carvell, Bry Clark, Paul Felton, Howard Lull, and Dick Goodenough were participants and speakers at the Subject Division meetings. We also know that Sam Cobb, Ken Swartz, Joe Ibberson, John Kirch, John Kitch, Dave Sowers, Dick Schultz, Sonny Porcella, Jim Cumming, Dick Lentz, Clyde Hunt, Dick Kennell, Joe Barnard, Dave Gansner, Ned Kingsley, Bob Schweitzer, Dave Schiller, and probably many others were actively involved. It was a good meeting and a great experience, and rooms at the Sheraton were \$13 single, \$18 double.

Secretary Goddard opened that 1968 meeting with an address which challenged the profession to add environmental forestry to forest protection and forest production, the two basic concerns which had occupied the bulk of our attention since the turn of the century. "We all agree," he said, "natural beauty is an essential element in the good life. It is my devout hope that we foresters as a professional group will have the foresight, ability and determination to become one of the primary driving forces in this essential effort toward the betterment of society."

This summer at Fort Collins the program echoed that hope as we considered what is needed to be leaders rather than followers. Leadership is a constant challenge. May foresters never lose their enthusiasm or their sense of need to be doing all they can for the betterment of society.

William S. Corlett  
History Committee  
August 22, 1985

6:30-7:30 PM - Cocktail Reception, Chesapeake Hall (included)

7:30-8:45 PM - Dinner, Main Dining Room (on your own)

9:00-10:00 PM - Forestry Film Festival, Crystal Room

#### Thursday, February 20

7:00-8:00 AM - Breakfast, Main Dining Room (included)

Student Breakfast with Ron Christensen

8:00-4:00 PM - Registration, Chesapeake Hall Corridor

8:30-7:00 PM - Forestry Exhibitors, Chesapeake Hall

8:45-9:25 AM - Introductory Remarks & Keynote Address, Colonial Hall

9:30-10:30 AM - **General Session**, Crystal Room

**Ethics and Professionalism in Forestry** - Banzhaf

10:30-11:00 AM - Coffee Break, Chesapeake Hall

11:00-12:00 - **Concurrent Session I** - Crystal Room - **Forest Land Investments** - Condrell

**Concurrent Session II** - Colonial Hall - **Whitewater Recreation** - Boetler

12:00-1:30 PM - Lunch (on your own), Golf Club, Coffee Shop

1:30-3:00 PM - **Concurrent Session III** - **Forest Land Taxation in the Northeast** - Irland

**Concurrent Session IV** - **Wildlife Issues in Forest Management** - Samuel

3:00-3:20 PM - Coffee Break, Chesapeake Hall

3:20-5:00 PM - Business Meeting, Colonial Hall

6:00-7:00 PM - Cocktail Hour, Chesapeake Hall (included)

7:00-8:30 PM - Banquet, Awards, Installation of Officers, Colonial Hall (included)

9:00-10:30 PM - Monte Carlo Night to benefit the Foresters Fund - Door Prize Auction

#### Friday, February 21

7:00-8:00 AM - Breakfast, Main Dining Room (included)

7:00-8:30 AM - Chairman's Prayer Breakfast

9:00-10:30 AM - **Concurrent Session V** - Crystal Room - **Forest Land Management and Non-Point Sources** - Berg

**Concurrent Session VI** - Colonial Hall - **New Developments in Harvesting** - LeDoux

10:30-10:45 AM - Coffee Break, Chesapeake Hall

11:00-11:45 AM - **General Session II**, Crystal Room

**Bears I Have Known and Loved** - Alt

11:45-12:00 - Closing Remarks

8:00-12:00 - Forestry Exhibitors, Chesapeake Hall

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## A Call For Papers For Forestry Microcomputer Software Symposium

A symposium to present microcomputer software for forestry applications is to be held at West Virginia University, June 30-July 2, 1986. Papers that present software applications for all forestry fields, including, but not limited to, mensuration, silviculture, forest recreation, and wildlife management, are elicited.

Program sessions will be included in four major categories:

### October 10, 1985 Date For Next Ben Roach Forestry Forum



Dave Houston, the nation's leading expert on beech bark disease, addressed the fourth session of the Benjamin A. Roach Forestry Forum on April 18th in Coudersport. About 70 foresters and related professionals from northwestern Pennsylvania and southwestern New York learned about the ecology of the disease complex and its management implications.

At the meeting, host and Steering Committee member Alex Day of the Pennsylvania Bureau of Forestry announced plans for the next two sessions of the Forum. On October 10, 1985, Bill Healey of the Northeastern Forest Experiment Station will discuss wildlife habitat manipulation and timber management. Healey has done research in oak, northern hardwood, and Allegheny hardwood types, and will address the habitat implications for a variety of game and non-game species. He has promised that the only mention of deer will be in the context of the implications of overly large deer populations for other wildlife habitat. This meeting will be held in Warren, Pa. In April of 1986, Jim Hornbeck will address the Forum on the topic of the terrestrial effects of acid deposition. He will specifically try to separate scientific fact from political hot-potatoes, best guesses from research results. An exact date and location for this meeting will be announced at the October Forum.

New officers for the Steering Committee of the Benjamin A. Roach Forestry Forum were also announced at the Coudersport session. Jim Biel of the NYS Department of Environmental Conservation will take over as Chair of the Committee, while Dave Miller of Allegheny Forestry will serve as vice-chair. Joel Hockinson of the Allegheny National Forest will be the secretary-treasurer. Outgoing chairperson and originator of the seminar series, Susan Stout of the Northeastern Forest Experiment Station, was thanked for her contributions, as was Sandy Cochran, Penn State Cooperative Extension.

A. Presentations of applications software that are directed to an audience of professional practitioners.

B. Papers that will provide an interchange of information among developers of forestry software.

C. Presentations of software applications in the wood-using industries.

D. Papers that deal with the use of microcomputers in forestry education.

Papers may be submitted in one of three categories:

1. Contributed papers to be presented orally by the author during a scheduled program session, and included in the published symposium proceedings.

2. Volunteer papers for which copies furnished by the author can be distributed to symposium participants, with an abstract included in the proceedings.

3. Poster session papers, including microcomputer program demonstrations.

Authors presenting contributed papers will be allocated about 20-30 minutes in the program.

Persons desiring to present papers should submit a title and abstract, not exceeding 200 words, and identify the category (A, B, C or D) and the type of paper (1, 2 or 3) intended, on or before September 30, 1985.

Notification of acceptance of submitted papers in all categories will be sent to authors by November 15, 1985.

Authors who submit contributed papers for program sessions in categories "A" and "C", for presentation of applications software, should insure that the paper discusses the program application, not programming details. The paper must, however, include necessary information for a potential user of the program: for example, microcomputer type(s), program language, number of disk drives required.

Authors are encouraged to distribute copies of program listings. Short programs, 2 to 3 pages in length, may be included in the paper. Papers that present programs that are too long to be included must give a source from which the program can be obtained.

Details concerning facilities and arrangements are not yet completed. This information will be distributed when available. If you want to bring equipment for use in demonstrations, a secure lock-up will be provided.

Address submissions to: David O. Yandle, Program General Chairman, Forestry Software Symposium, P.O. Box 6125, Morgantown, WV 26505-6125. Telephone (304) 293-3721.





# Women In Forestry

By Anne S. Fege

District rangers, a wildlife refuge manager, extension foresters, consulting firm owners, professors, a forestry department head, research associates, students, career counselors, a policy analyst, a law partner. Around the table during Tuesday's breakfast at the National SAF Convention in Ft. Collins, CO, we made new acquaintances and continued old friendships. As we introduced ourselves, we realized that women in SAF now represent almost every profession within forestry, at all levels of responsibility and management.

The SAF Committee on Women and Minorities sponsored an all-day workshop at the Convention. After four issues were presented by committee members and colleagues, they became subjects of workshop sessions:

Establishment of Women and Minority Liaisons with State SAF Societies

Career Awareness by Women and Minorities  
Representation of Women and Minorities in SAF Activities  
Development of a Women and Forestry Minority Network

Almost fifty women and men participated in the workshop, and called for greater involvement of women and minorities at both the local, regional, and national levels within SAF. These issues will be the Committee's charge in 1985-1986. If you want further information about the Committee, please contact Richard Zabel at the SAF office in Bethesda, or the current Committee chair, Dr. Al Vogt, Head of the School of Forestry, Fisheries and Wildlife at the University of Missouri.

Let me share some of my contacts with you, and encourage you to call them if you want to talk about career development or about involving women and minorities in SAF activities. Two women have responsibility for career development and placement at Duke University and Yale University: Michelle Harvey and Tina Berry, respectively. Both Ann Melle, Toiyabe National Forest (Las Vegas, NV) and Ruth Muir, Priest Lake Ranger District (Priest River, ID) have been active in their State SAF societies and have served on the Committee on Women and Minorities.

An excellent source of information, ideas, and inspiration on women in forestry is the quarterly **Women in Forestry** journal. The annual subscription is \$15.00; contact the Editor, Women in Forestry, Laboratory of Anthropology, University of Idaho, Moscow, ID 83843. The Summer 1985 issue includes feature articles on career development and training needs of entry-level wildlife and fisheries managers; an interview with Geri Larson, recently promoted to Forest Supervisor of the Tahoe National Forest; smokejumpers; sexism reflected in natural resource magazines; changing values and traditions in the Forest Service; deforestation in Borneo; and logging celebrations in Orofino, Idaho.

There's a national conference coming up - "Women in Natural Resources: Challenges and Strategies." The SAF is sponsoring this 3-day meeting in Dallas, Texas, on December 3-5, 1985. Beginning with an assessment of women's accomplishments and progress in the natural resource professions, the first of five sessions focuses on non-traditional roles, economic and regulatory constraints, and the development of innovative plans for the future. The second session - women and men working together - will be explored from three different perspectives: entry level, moving up, and mid-career. The next part of the program looks at affirmative action: why it exists, how it works, and how it can be improved. The fourth segment presents different and successful leadership styles and strategies. "Bringing it Home" is the closing session, with challenges to implement the ideas back home through networking, regional meetings, and by women acting as change agents. For further information, please contact:

## Important Meetings

### October 10, 1985

The Ben Roach Forestry Forum at Warren, PA. See article this issue. 1 CFE Credit.

### October 17, 1985

Keystone Chapter Meeting (Place to be announced). Program on "Acid Rain."

### October 29, 1985

Northern Hardwoods Chapter (Fall/Winter) Meeting at the Buttonwood Inn, Emporium, PA.

### November 1, 1985

Pinchot Chapter Meeting at Grey Towers.

### December 3-5, 1985

A National SAF Symposium, "Women in Natural Resources" at Sheraton Park Central, Dallas, Texas.

### February 19-21, 1986

Allegheny Society Meeting at White Sulphur Springs, West Virginia. See tentative agenda this issue.

### October 5-8, 1986

SAF National Convention at Birmingham, Alabama.

### October 18-21, 1987

SAF National Convention at Minneapolis, Minnesota

---

Richard Zabel, Society of American Foresters, 5400 Grosvenor Lane, Bethesda, MD 20814, phone 301-897-8720.

I'd like to feature some of the women and minority Allegheny Society members in the next one or two newsletters. Please give me a call (215-461-3048), to introduce yourselves and let me know how you're involved in SAF and the profession.

## MUSSER QUALITY

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Arborvitae, Rhododendron  
Junipers, Japanese Yew

Oak, Maple, Birch  
Locust, Ash, Willow  
Dogwood, Linden, Cherry  
Walnut, Chestnut, Autumn Olive  
Multiflora Rose, Barberry  
Russian Olive, Crown Vetch

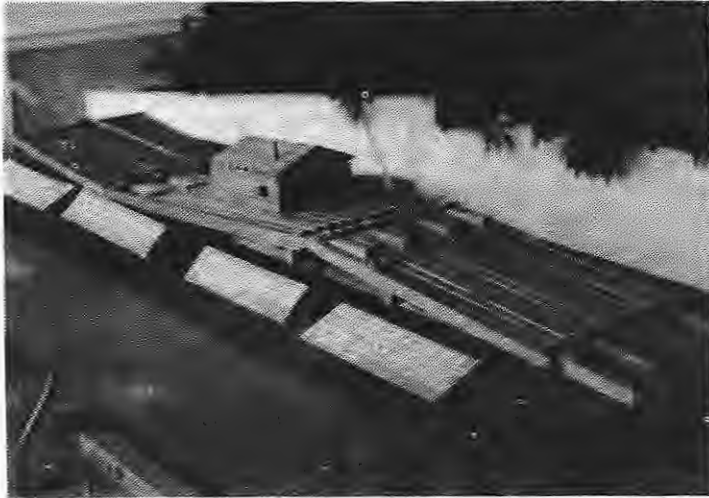
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**412-465-5686**

# Summer Meeting - Williamsport, PA

## Remembering "The Lumber Capital of the World, 1860"

Photos Courtesy of Mark Urner, Wellsboro, PA



**Log Raft Model  
by O.L. Frank**



**Remaining "Log Boom" Cribs**



**Touring Millionaire Row - The 4th St. Story**



**Touring the West Branch of Susquehanna River  
On the Hiawatha**



# Division and Chapter News



The Joint Chapters (Plateau and Northern Hardwood) Deer-Forest Management Committee held an education oriented work session recently at the Heart's Content Scenic Area on the Allegheny National Forest. Committee members constructed a small deer enclosure, about one twenty-fifth acre in size, to visually demonstrate the adverse impact that over-browsing by deer has on natural forest regeneration. The enclosure is located among the virgin white pine, hemlocks and hardwoods growing on the site and adjacent to the interpretive trail that passes through the area. In the future a sign explaining the purpose of the enclosure and the need to balance deer populations to carrying capacity will be erected on the site. Also, a small portion of the enclosure will be fenced to exclude rodents and visually show what impact small mammals have on natural hardwood reproduction.

John Sidelinger

## NORTHERN HARDWOODS CHAPTER

The Northern Hardwoods Chapter of the Pennsylvania Division will hold its annual winter (fall this year) business meeting and get-together on Tuesday, October 29th at the Buttonwood Inn in Emporium. Please reserve this date and plan to attend. Meeting notices and reservation forms will be mailed at a later date.

John Sidelinger, Secretary/Treasurer

## PINCHOT CHAPTER

Members and friends of the Pinchot Chapter toured the Montour Preserve of Pennsylvania Power and Light Company near Washingtonville, Pa., on May 31, 1985. After a short business meeting, the group viewed a slide-tape program on the Montour Preserve and its facilities. A tour of the 966 acre outdoor recreation and nature preserve followed. The Goose Woods Trail and the Braille Trail provided a look at the Preserve's imaginative use of natural and man-made features to teach environmental education.

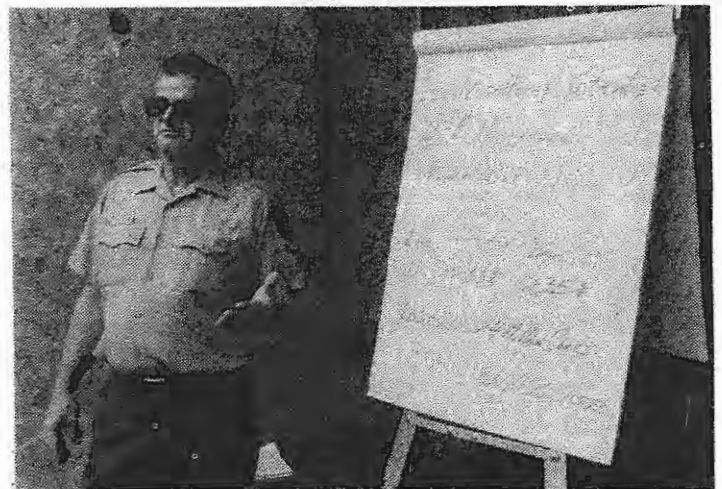
The restored Victorian farmhouse now used as offices by the Preserve staff provided a glimpse into lifestyles of a century ago and the exhibits in the Visitors' Center kept the group interested until lunch.

The afternoon was given over to touring the greenhouse facilities at the power plant. These greenhouses use waste heat from the plant to provide optimum conditions for growing tomatoes and flowers. Another greenhouse complex now under construction will grow lettuce. Of most interest to Foresters however was the (Shiitake) mushroom factory. This newly established facility uses four to eight inch diameter red oak bolts. Shallow holes are drilled into the bolts, and impregnated with mushroom spawn. The holes are sealed with

wax and the bolts are kept in a moist environment. In about a year, 6 inch diameter mushrooms appear. The bolts will continue to produce mushrooms for about five years. The retail value of these mushrooms is about \$8.00 per pound and a cord of red oak bolts has the potential to produce about \$2300.00 worth of mushrooms. This novel use of wood could provide a ready market for thinnings and also could provide a cottage industry in rural areas. The Pinchot Chapter members were impressed with this project and its potential to provide a market for small diameter oak thinnings.



Frank Demko of PP&L explains the tomato growing process to Pinchot Chapter members Max Coy, Sam Rhody and Joan Rhody. Pinchot Chapter meeting May 31, 1985.



Ed Polaski explains the potential effect of a large mushroom growing facility on the demand for small oak poles.

## KEYSTONE CHAPTER

The winter meeting was held at the Best Western Inn, Carlisle, PA on March 28, 1985. The chapter meeting was called to order by chairman Whyland at 8:00 p.m. There were thirty-one members and three non-members in attendance.

The treasurers' report was given and approved. Chairman Whyland called for any new items of business to be discussed.

Continued on Page 10



Bob Martin reminded us that the deadline for input into the "Forest Policy" is April 28, 1985. Bob also mentioned that the Chesapeake Bay Issue should be of particular interest to our chapter. He also brought to attention that Jim Wilkinson (Vermont) is heading the task force on certification of Foresters. We should look at this proposal and express any opinions to himself or Jim Nelson, our councilman.

Bill Corlett also pointed out that of all the lands which drain into the Susquehanna River basin, 40% are in Pennsylvania. Therefore, it is important that our chapter keep a close eye on the Chesapeake Bay issues.

Chairman Whyland gave June 13 as our summer meeting date to be held at the Mont Alto State Park. The topic shall be Chesapeake Bay. October 17 will be our Fall meeting and Acid Rain will be the topic. Although a location is not definite, it will preferably be in the Carlisle area.

Bill Corlett was presented with a certificate for outstanding service in honor of his recent retirement from the Bureau of Forestry. Vernal Miles and Maurice Goddard were presented with 50 year golden certificate awards.

An excellent program on "Forest Landowners and Taxation" was presented by A.J. Oplinger from Glatfelter Pulpwood company.

Meeting adjourned at 9:10 p.m.

Tina M. Alban

**KEYSTONE CHAPTER**

The spring meeting for the Keystone Chapter saw thirty-one members turn out to present '50-YEAR GOLDEN CERTIFICATE' awards to Dr. Maurice Goddard and Mr. Vernal "Corky" Miles. Bill Corlett was also presented with a certificate of appreciation in honor of his recent retirement from the PA Bureau of Forestry. We applaud their achievements and wish them continued success in the future.

We would like to welcome Amy Griffith, John Bitzer and John Konkle into the chapter. Ms. Griffith is the project 20 Forester with Forest Advisory Services, John Bitzer is chief of the Division of Forest Protection and John Konkle is a Forester III in the Division of State Forest Management. All three are based at the Bureau of Forestry offices in Harrisburg.

Each year the Keystone Chapter awards one outstanding student with a one-year membership in the Society of American Foresters. This year's recipient is Terence Sekura of Uniontown, PA, a 1985 graduate of Penn State's Forest Technology Program.

Tina Alban



Left to right: Maurice Goddard, Vernal Miles and Bill Corlett.



Using "Tornado Damage as a background" Ms. Susan Rutherford, aided by Nils Johnson, explains damage appraisal and salvage needs to Plateau and Northern Hardwood Chapter members.

**PLATEAU & NORTHERN HARDWOOD CHAPTERS**

The Plateau and Northern Hardwood Chapters enjoyed each other's company at a joint meeting on June 26, 1985.

Agenda items covered during the field trip were management problems associated with the Hickory Creek Wilderness Area, and the National Recreation Areas recently legislatively created on the Allegheny National Forest. Rangers from the ANF, Jim Schuler and Jim Higgins, explained both the background and the management direction for the areas as contained in the Draft Allegheny Forest Land and Resource Management Plan. Nils Johnson, Staff Officer from the ANF, briefed the group on mineral (oil and gas) management objectives for the Areas. Ms. Susan Rutherford, hydrologist on the ANF, made a presentation explaining a water quality study being conducted on one of the National Recreation Areas.

An interesting stop was also made to view recent tornado damage and discuss management direction being formulated on the ANF in response to salvage needs.

Late afternoon festivities included refreshments at the Hearts Content Recreation Area and a tasty evening meal - AND it was a beautiful day!! Consensus seemed to be that it was an enjoyable and informative session.

NOTE: Spouses were invited to attend and many did so. We were happy to see them and hope they will pass the word to others who might be interested in future meetings.

Jim Mohler

**MARYLAND-DELAWARE DIVISION**

The Maryland-Delaware SAF Division meeting was held on April 18, 1985 at the Tawes State Office Building, Annapolis, MD in the police conference room. The meeting was called to order at 1030 hours. Those present were Tim Kaden, Keven Donnelly, Teri Dickerson, and Francis Zumbun.

Treasurer's Report - Attached

**Discussion of Old Minutes:**

Gene Pietrowski brought up in the November meeting that in his opinion the licensing and registration did not give the Forester's much authority on logging operations ... we decided we could only review policies and submit our recommendations to the policy makers in MD service that would hopefully influence future legislation to our favor.

Teri Dickerson volunteered to send the latest copies of sediment

control plan and a list of forest product operators to all executive officers.

**T-Shirt Report:**

We bought all the T-shirts back from the church at our cost, spending \$378.80. Net profit from the T-shirts is \$766.20 since the first of the year. We have 100 shirts left to sell.

Kevin will send more information concerning shirts.

**Membership:**

As of January 9th we have 155 members ... an increase of 14 members. We have 16 delinquent members.

Allegheny section has 1205 members. SAF nationally has 21,411 members (making up almost 50% of the professional foresters)

**Action:**

Francis Zumbrun was assigned to write Robert W. Martin notifying him of the executive changes in our division. R.W. Martin, Bureau of Forestry, P.O. Box 327, Emporium, PA 15834-0327.

**Newsletter:**

Brief synopsis of Scranton meeting will be included in the newsletter. Summer meeting will be held at Williamsport, PA on August 7, 1985. Theme will be "Historical Logging." Winter meeting will be held in February 1986 at White Sulphur Springs.

Francis Zumbrun assigned to write article covering Western Maryland for newsletter - will write one concerning Nazi prison camps at Green Ridge State Forest.

Other future topics considered are Thomas Jefferson trees, Bicentennial trees, and computers in forestry.

**Summer meeting:**

Executive committee is considering not having a summer meeting this year due to poor attendance in the past. A final decision will not be made until results are analyzed. Survey will be sent out by Teri Dickerson by May 18th with responses due back by June 5th. Next executive meeting will be by mid June to review survey and make decision about the meeting (summer). Teri will make up response card with self-addressed return.

**"Fellows":**

Tim Kaden will send criteria to qualify as a "fellow" ... Among those being considered in our chapter are Harry Hartman, William Johnson, Tunis Lyon and Hank Debrun.

**Membership:**

Bob Martin's letter was discussed which stated that non-member participation in Chapter is not allowed if not a member in the national organization.

**Awards in the future:**

Need to consider nominees for "Outstanding Service to Forestry" and "Outstanding Forester."

Next Executive Meeting is scheduled for June 14th at the Tawes State Office Building, Annapolis, MD.  
Francis Zumbrun, Sec.

**Treasurer's Report For  
Maryland-Delaware Division of the  
Allegheny Society of the American Foresters**

Opening Balance		\$548.33
Total Credits		2166.00
Checks paid	739.77	
Bad checks	50.08	
Bank charges	83.11	
Total Debits		872.96
Balance as of 3/18/85		\$1841.37
Credits	Quarterly dues	97.50
	T-shirts	20.00
Debits	CE Fund	200.00
Estimated Balance as of 4/18/85		\$1758.87

Kevin C. Donnelly, Treasurer



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Society of American Foresters  
5400 Grosvenor Lane  
Bethesda, MD 20814



# Continuing Education Corner

By Anne S. Fege  
Allegheny Society CFE Contact

Congratulations to four Allegheny Society members who have recently earned Continuing Forestry Education (CFE) Certificates! Frank Brookes, Jorge Hersel, Kenny Funderburke, and Stanley Suffren have completed 150 hours of Continuing Education over a three-year period. Hats off to you!

This brings to nine the total number of Allegheny Society members who have earned CFE Certificates. How many of you have attended meetings or taken training or classes in the past three years? Most of you probably have 50 or 100 hours of credit already. Let me know if you need a Personal Activity Record.

Some reminders about the CFE program. You can earn credits at workshops, professional meetings, training sessions, even correspondence courses. Several months ago, David Trimpey, Hammermill Paper Company, asked me about credits from a microeconomics college course. Meeting 14 weeks for 3 hours/week, that would be credited as 42 CFE credits in Category II. CFE credits for correspondence courses are computed as the number of credits multiplied by 10 (for schools on a quarter system) or 15 (for schools of a semester system). When you claim college courses or correspondence courses at the time you apply for the CFE certificate, you should include the course outline and documentation that the course was completed. There is only one exception: courses applied to a college degree cannot count for CFE credits.

Remember that expenses incurred in work-related education may be deductible as educational expenses. "You may deduct the ordinary and necessary expenses you have for education, even though the education may lead to a degree, if the education (1) is required by your employer, or by law or regulations, for keeping your salary, status, or job, if the requirements are for a business purpose, or (2) maintains or improves skills required in doing your present work." (from IRS Publication 508, "Educational Expenses")

Continuing Forestry Education credits can be earned at any professional meeting, even short local SAF programs. And CFE credits can be assigned either before or after a meeting or workshop has been held. Let me remind you of the CFE credits for recent Allegheny Section programs:

5 CFE Credits, Category I: Summer Meeting, August 7-9, 1985, Williamsport, PA

10 CFE Credits, Category I: Winter Meeting, February 21-22, 1985, Scranton, PA

2 CFE Credits, Category I: Summer Meeting, July 18-20, 1984, Canaan Valley Resort State Park

Three Allegheny Society members have called me to ask about CFE Credits for meetings they are planning, so that they can announce these credits in the registration material and at the meeting. Gil Dempsey, planning the fall meeting of the West Virginia Division on September 26-27, has set up a program that will carry 5.5 CFE credits (Category I). Presentations on hardwood markets and utilization are scheduled; for further information, please contact Gil Dempsey, Northeastern Forest Experiment Station, P.O. Box 152, Princeton, WV 24740, phone 304-425-8108. Dan Kucera is on the planning committee for an Integrated Pest Management Symposium at Madison, Wisconsin on March 24-27, 1986. That meeting is sponsored by the Northeast Integrated Pest Management Working Group and carries 14 CFE credits (Category I). For further information, please contact Dan Kucera, Forest Pest Management, Northeastern Area, 370 Reed Road, Broomall, PA, phone 215-461-3156. Nancy Tilghman is planning the next Ben Roach Symposium, to

be held during the evening of October 10, 1985 in Warren, PA. Dr. William Healy will speak on "Wildlife Community Response to Timber Management Practices," and 1 CFE Credit (Category I) will be earned. For further information, please contact Nancy Tilghman, Northeastern Forest Experiment Station, P.O. Box 928, Warren, PA 16365, phone 314-563-7587.

Some news from the SAF Committee on Continuing Education meeting that was held at the SAF National Convention at Fort Collins, CO. We had 100% attendance. Scott Reed, Extension Forester and Faculty Member at the University of Minnesota, chairs the Committee; other members are Fred Deneke, Washington, DC; Richard Standiford, California; Bob Massengale, Missouri; Leonard Hampton, Georgia; and myself. Committee members endorsed several ideas for encouraging employer recognition of the CFE program: local and regional SAF groups can send letters to employers; SAF may be able to provide sample congratulatory letters for employers to send to employees upon completion of a CFE certificate; and CFE awardees should be recognized within their organizations as well as at local or regional SAF meetings. Forest Service supervisors can suggest that employees include CFE certificates as development opportunities on their Training Plans, and can consider CFE awards in job applications (SF 171 forms).

At this Committee meeting, Scott Reed reported on a survey of 2200 SAF members and 330 non-members to determine professional interest in an SAF Certified Professional Forester program. Fifty-eight percent of respondents agreed philosophically with the program; 50 percent said they would probably seek the certification, and 53% would support the certification even if they wouldn't apply for it; the highest support came from respondents in the northeast, and lowest support from respondents in the west. James Wilkinson, Task Force Chair, gave details about the proposal in the Spring 1985 issue of the **Allegheny News** (pages 18-19).

For assignment of CFE credits either before or after meetings have been held, please send a copy of the agenda to me (Anne S. Fege, Northeastern Forest Experiment Station, 370 Reed Road, Broomall, PA 19008, phone 215-461-3048). You can list the CFE credits in your program and provide participants with a certificate upon completion of the meeting. Also let me know if you need copies of the buff-colored Personal Activity Record, and call me with questions about CFE credits as you record your attendance at meetings and courses.





## Treasurer's Report

January 1, 1985 - July 31, 1985

### Balance on January 1, 1985

Checking Account	\$ 729.80	
Savings Account	2,055.38	
Money Market Fund	4,630.84	
Total		\$ 7,416.02

### Income

Dues and Interest	\$ 5,963.59	
Winter Meeting and Other	661.00	
Total		\$ 6,624.59
		\$ 14,040.61

### Expenses

Winter & Summer Meeting	\$ 914.10	
Allegheny News	1,500.00	
SAF Foresters Fund	161.00	
Postage & Supplies	None	
Chapter Reimbursement	2,236.90	
Travel	430.50	
Misc.	55.00	
Total		(-) \$ 5,297.50
		\$ 8,743.11*

### Balance on July 31, 1985

Checking Account	\$ 1,695.61	
Savings Account	2,119.00	
Money Market	4,928.50	
Allegheny Endowment Fund*	497.57	
Total		\$ 9,240.68*

Note \* The difference between two totals is the amount in the Allegheny Endowment Fund which is being kept as a separate account.

Respectively Submitted,  
R.J. LaBar, Secretary-Treasurer

## President Reagan Presents Award To Project Learning Tree

The efforts of thousands of volunteers around the nation were recognized this summer when President Reagan presented a crystal medallion to Project Learning Tree (PLT), an award-winning environmental education program. The award was one of thirty presented by the President's Citation Program for Private Sector Initiative to organizations that have developed outstanding voluntary service programs.

Kathy McGaluffin, Director of Project Learning Tree, noted that the award belonged to all program participants. "PLT has been successful almost exclusively because of the sincere efforts of those involved with it," she said. "The volunteers are by far and away our most valuable asset."

Cosponsored by the American Forest Foundation and the Western Regional Environmental Education Council, PLT is administered by the American Forest Institute. It is used in grades kindergarten through twelve and seeks to nurture children's awareness of our natural resources. The curriculum was developed jointly by environmental educators, government resource managers, and representatives of forest products industries.

Mr. Burnell Roberts, Chairman and Chief Executive Officer of the Mead Corporation, accepted the medallion on behalf of PLT during the ceremony on the South Lawn of the Executive Mansion. Mr. Roberts, who is also Chairman of the American Forest Institute's

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## Call for Nominations Allegheny Awards

Awards Committee Chairman Hal Geiger has issued a call for nominations for the "Forester of the Year" and "Outstanding Service to Forestry" Awards. These Allegheny Society Awards are designed to recognize Society members for their contributions to the Forestry profession. Award winners will be recognized at the Winter Society meeting.

Members who wish to submit nominations should contact the Chairman for guidelines for preparation of a candidate's biographical sketch. All nominations must be received by the Chairman no later than November 1, 1985.

Harold W. Geiger  
Chairman, Awards Committee  
105 W. Highland Avenue  
Spring Grove, PA 17362  
(717) 225-4135

Operating Board, said that he was "proud to accept the award on behalf of the thousands of volunteers who worked so diligently to make the program so successful."

PLT provides a unique opportunity for people to work with their local schools. The successful PLT network includes not only classroom teachers but foresters, tree farmers, and others interested in sharing their knowledge about our nation's resources. Since PLT was introduced in 1976, over 66,000 educators and over 7 million students in 35 states have participated in the program.

For more information about PLT, contact the American Forest Institute, 54 Portsmouth Street, Concord, NH 03301 (603-224-9694).

## The Northern Journal - A Report

On March 20, 1985, the Steering Committee (Peter Hannah, Vermont; Herbert Winer, Ohio; and Robert Van Aken, Wisconsin) and Harry Wiant (West Virginia) our Editor, met at SAF Headquarters in Bethesda, Maryland to discuss present and future status of the **Northern Journal**. Ron Christensen, Executive Vice President, Jay Heinrichs, Director of Publications, Heather Evans, Staff Editor, and Eric Casey, Advertising, joined us in this meeting.

While the **Journal** is doing well after a year of publication we are still operating at a loss. This we hope to turn around in the next year. Our total subscription is 1,130 with 930 individual subscriptions. In the next year we should substantially expand individual subscriptions and seek your help in this endeavor.

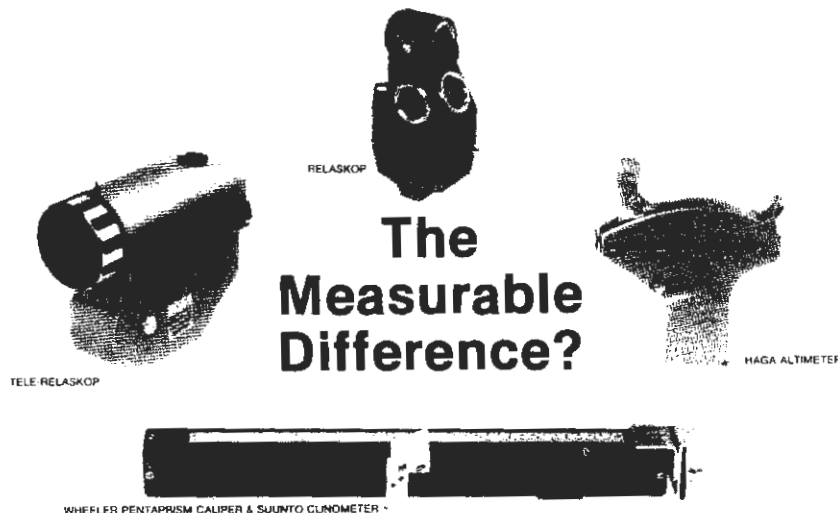
A subscription to the **Journal** is still \$15 a year for 4 issues. We hope individuals find this investment worthwhile for the opportunity to obtain applied information applicable to their region. Our hope is that more can lend their support by obtaining their personal subscription to the **Journal**. Our original goal was 1,500-1,800 subscribers. That goal may change as costs increase, but we can get closer to it this year.

Advertising in the **Journal** is likely to expand to help us reach the break-even point. If you know of potential advertisers in your region, help them make contact with the SAF advertising staff. We expect the **Journal** to gradually increase in size and advertising to occupy about the same proportionate space.

Articles discussing applied information are constantly needed to continue offering a high quality **Northern Journal**. The final question for an author to answer is "how can practitioners readily use what is presented and thus advance their professional service?" We are in need of more articles from the field forester. Do not feel threatened by your limited writing skills or the manuscript requirements as presented in the **Northern Journal** but give it your best. If your article is accepted, based on content, an Associate Editor will help you get it in shape. Page charges can be waived by the Editor for manuscripts by individuals. Perhaps you see no incentive for writing an article and sharing your knowledge, but helping advance the profession should be personally rewarding.

There are some changes coming in the **Journal**; short programs for micro-computers written in BASIC that have ready applicability can be published. Field notes - a section not as rigorously reviewed - is an important addition. Field foresters should consider submitting information to this section as a minimum. Letters to the Editor commenting on articles, what you would like to see for information, etc. Success of this **Journal** rests in large part with you the readers and subscribers.

Northern Journal  
Steering Committee  
Peter Hannah, Chairman  
**Continued on Page 15**



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# Allegheny Endowment Fund

## Total At \$515.00

Members of the Allegheny Executive Committee, Endowment Fund Committee, Maryland-Delaware Division, and the Northern Hardwoods Chapter have contributed \$515.00 dedicated for continuing education programs in the Allegheny Society. The next phase of the plan is to ask the general membership to contribute. This will be done in September. The Allegheny Executive Committee has agreed to underwrite the cost of the mailing to the membership, so all monies contributed will go to the fund. If foresters respond the goal will be met. Remember "Forestry is Alive in '85." The following have responded.

- Maryland-Delaware Division - \$200
- Northern Hardwood Chapter - \$50
- William Ackrom
- Gil Churchill
- Richard Goodenough
- Ralph Heilig
- Tim Kaden
- Robert LaBar
- Robert Lewis
- Tunis Lyon
- Robert Martin
- William Scherer
- Ronald J. Sheay
- Stan Walton

Member Contributions - \$265  
Grand Total - \$515

Should anyone have questions concerning the fund, guidelines, or want to contribute now, please check with your state representative.

- |                      |                     |
|----------------------|---------------------|
| <b>DELAWARE</b>      | <b>MARYLAND</b>     |
| Tim Kaden, Chairman  | Tunis Lyon          |
| 302/736-4811 (bus.)  | 301/824-7603        |
| <b>WEST VIRGINIA</b> | <b>PENNSYLVANIA</b> |
| Jack Sturgill        | Sandy Cochran       |
| 301/359-3623 (bus.)  | 814/776-1161 (bus.) |
| <b>NEW JERSEY</b>    |                     |
| Ronald Sheay         |                     |
| 609/292-2531 (bus.)  |                     |

### The Northern Journal (Continued from Page 14)

Referees are needed for manuscripts submitted to the **Northern Journal of Applied Forestry**. Serving as a referee is a real service to the profession and a valuable learning experience. If you are willing to serve, please complete the following:

Name \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_

Professional experience \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Areas of expertise \_\_\_\_\_

Mail to: Harry V. Wiant, Jr., 113 Scenery Dr., Morgantown, WV 26505.

# Call For Volunteers

One of my goals next year is to increase the number of members actively involved in SAF service. In order to effectively fill the various committee assignments for the Allegheny Society, I would like to obtain by November 15th the names of members willing to serve on the various committees.

Please complete the attached Questionnaire and indicate your interest in participation in S.A.F. activities.

Thank you.

Dick Kennell, Chairman-Elect  
Allegheny Society

Yes, I would like to get more involved in the activities of the Allegheny Society or my local chapter. I have checked the items below that I am most interested in for the 1986-87 term.

Allegheny SAF Standing Committees: Program	I would be interested in serving as Chairperson.	I would be interested in serving on Committee.
Nominations	_____	_____
Professional Recognition and Awards	_____	_____
Communications	_____	_____
Auditing	_____	_____
Education	_____	_____
Continuing Education	_____	_____
Membership	_____	_____
Policy and Legislation	_____	_____
Public Affairs	_____	_____
Newsletter	_____	_____
Fire Control	_____	_____
Forester's Fund	_____	_____
Tree Improvement	_____	_____
Entomology or Pathology	_____	_____
Natural Areas	_____	_____
History	_____	_____
Registration & Licensing	_____	_____
Forest Research	_____	_____
Task Force on Allegheny Continuing Education Fund	_____	_____

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Employer: \_\_\_\_\_

**Return to:** Richard A. Kennell, Sr., Chairman Elect  
Allegheny Society of American Foresters  
33 East Main Street  
Strasburg, PA 17579  
Telephone: (717) 687-8392



# Using Trees To Reduce Urban Energy Consumption: Transferring Technology to Users

by Diane Sullenberger & Gordon Heisler  
Northeastern Forest Experiment Station

Urban forests are desirable for their esthetic value and for the shade they provide in metropolitan areas. The Forest Service is investigating ways by which both the trees and their accompanying shade areas may be utilized to reduce urban energy consumption.

Forest Service scientists in the Northeastern Station's Research Work Unit NE-1651 in University Park, Pennsylvania, in cooperation with the Pennsylvania State University, have shown that in urban areas, the microclimate produced by trees around buildings may either increase or decrease energy use for heating and cooling depending on tree form and arrangement.

Due to the upward trend of annual U.S. heating and cooling costs, many researchers recommend the placement of selected deciduous or coniferous trees to the west of the home, not to the south as popularly believed. Research since the 1950's indicates the need to consider solar angles in tree placement. The location of trees to the west provides the optimal position to reduce solar radiation on the house in the summer without significantly decreasing radiation in the winter. Trees on the west may also block winter winds which primarily come from the north and the west.

In 1982, the 60 million single-family detached homes and mobile homes in the U.S. had an average expenditure of about \$640 for heating and cooling which amounts to \$38 billion nationwide. Forest Service sponsored research shows that the potential for annual energy saving through use of trees is on the order of 20 or 25 percent for conventional houses that are protected from sun and wind by a carefully planned arrangement of trees. An experiment was conducted in the Northeast over most of one heating season to

determine the effect of a single-row windbreak on the rate of air infiltration and energy use in a small mobile home. Air infiltration was reduced by an average of 54 percent when the windbreak protected the home from the prevailing winds. Heating energy use was reduced by 18 and 17 percent at one and two tree heights from the home. The windbreak also reduces heat energy use seasonally by about 12 percent compared to an open site. Thus, trees may provide substantial energy savings.

In 1980, the Forest Service developed a FORTRAN IV program consisting of one main program (CROWN) and three subroutines (SPHELP, LOCATE, and PMAP) to map tree crown shadows in the urban forest. Although previous work in shadow mapping has been carried out for rural forests, this program is one of the first to take special consideration for the shape of the shadow cast by each tree crown at significant times and dates in the urban area. The program will eventually be converted to BASIC for the personal computer.

Researchers from NE-1651 and Pennsylvania State University have transferred information concerning the amenities of trees through numerous publications, workshops, symposia, and presentations. In the Northeast, results of the research are being incorporated into national, state, municipal, and private organizations. Additional information has been published for landscape architects, planning professionals, urban foresters, engineering organizations, and homeowners.

For further information contact: Gordon Heisler or Howard Halverson, The Pennsylvania State University, Academics Projects Building - Room 104, University Park, PA 16802 (Phone 814 - 863-1933).



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