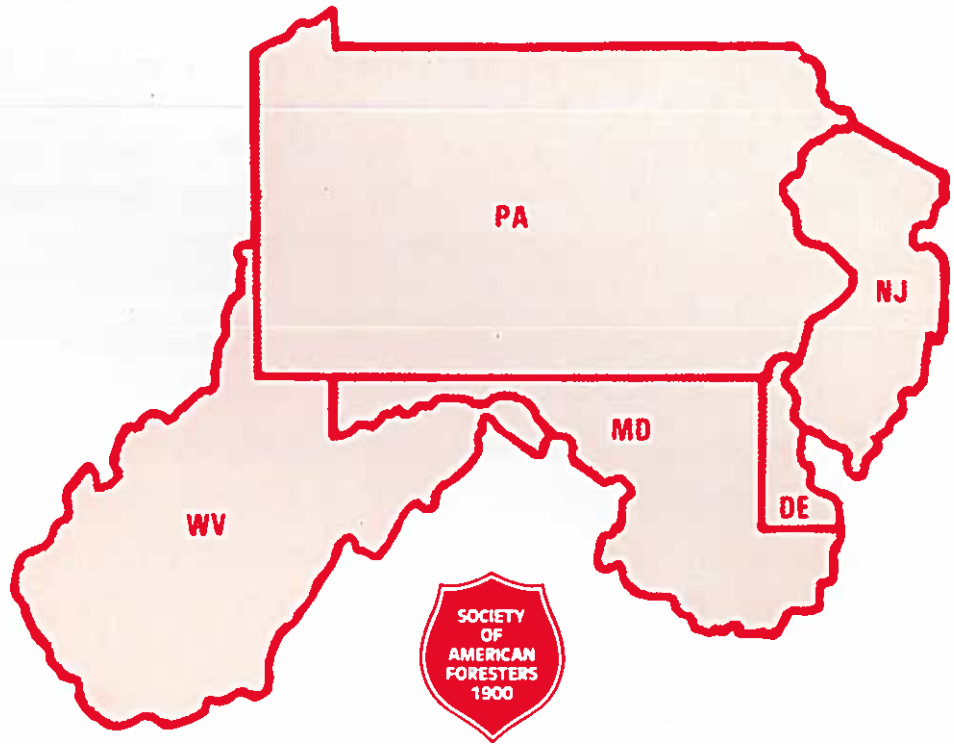


# The ALLEGHENY NEWS



**This issue contains:**

News about People .....	2-5
Gypsy Moth Expert .....	9
Local and National News .....	10-13
and much more .....	1-16

SUMMER 1987

# ***Allegheny News***

## **Allegheny Society of American Foresters**

### **EXECUTIVE COMMITTEE**

#### **CHAIRMAN**

RICHARD A KENNEL, 33 E. Main Street, Strasburg, PA 17579

#### **CHAIRMAN-ELECT**

WILLIAM D. SCHERER, RD. #3 - Box 259, Frostburg, MD 21532

#### **SECRETARY-TREASURER**

ROBERT J. LaBAR, 138 E. Arlington Drive, Erie, PA 16509

#### **PAST CHAIRMAN**

ROBERT W. MARTIN, JR., P.O. Box 327, Emporium, PA 15834-0327

#### **ELECTED MEMBERS**

RICHARD E. CARY, RD. #2 Box 446, Orefield, PA 18069

JACK E. COSTER, DIV FORESTRY WV UNIV.,

PO Box 6125, Morgantown, WV 26506

DENNIS C. DUNHAM, P.O. Box 2423, Elkins, WV 26241

TIMOTHY A. KADEN, 409 Dogwood Ave., Crossgate, Dover, DE 19901

#### **COUNCIL REPRESENTATIVE**

JAMES C. NELSON, RD #1 - Box 215, East Berlin, PA 17316

#### **FOREST SCIENCE COORDINATOR**

DAVID A. GANSNER, NEFES, 370 Reed Road, Broomall, PA 19008

#### **NEWSLETTER**

PETER H. MILLER, Editor, 1115 Rosehill Dr., Altoona, PA 16602

Telephone # Days (814) 684-5575 Evenings (814) 943-6841



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

**Order your print now.** Tony Mollish and the W.V. *"Forester at Home"* Print Committee reports that good response has been received from throughout the country, but sales have not reached the breakeven point. Since the Allegheny SAF Continuing Education Fund stands to receive \$5,000 to \$10,000 from the net income earned on this project, please find the ad in this issue of the Allegheny News and order one of these collector quality prints! It's an opportunity to help the SAF and obtain a "Classic" forestry work of art at the nominal price of \$50. Please do it now, or the print may not be available!!!

**Allegheny News** - I must comment on the quality of this publication. Pete Miller took over in January of this year and is doing an excellent job for us. At the winter meeting, Pete asked that Divisions and Chapters seek advertising to help pay publishing costs. A few of you honored that commitment. For those who have not obtained advertising, please make an effort to help. The Allegheny News reaches a lot of foresters and others, so let's help pay for it through advertising.

**Council and Fellow Nominees** - Ronald Sheay and Bryan Clarke are nominees for council member representing District VII. We have three nominees for fellows from the Allegheny Society this year and they are Arthur Bennett, Robert Bond and William Gillespie. On the same ballot we will be voting for vice-president and the candidates there are J.H. Cravens, Robert B. Fiske, and James P. (Pat) McElroy. Remember to vote this fall.

**Summer Meeting** - Held in Warren, Pennsylvania June 15-17, the Symposium on Deer, Forestry and Agriculture was excellent, reflecting on the advance planning and thoroughness of the committee which put it all together. The Symposium was sponsored by the Plateau and Northern Hardwoods Chapters and was attended by some 200 - 250 people.

A short business meeting was held on June 15, concentrating on each Division of the Allegheny SAF beginning the process of listing all potential SAF members in each state. This lists will be used to target new membership. You are all urged to assist in any way you can when called upon.

**Endowment Fund** - The total for the fund has reached a little over the \$7,000 mark. Remember, a share of the proceeds from the sale of the *"Forester at Home"* prints will go to the endowment fund. Order your print now!!!

Have a healthy, safe summer

*Dick Kennell*

## Westvaco Promotes Kenney P. Funderburke



KENNEY P. FUNDERBURKE, JR.

Kenney P. Funderburke, Jr. Manager of Westvaco Corporation's West Virginia Woodlands has been promoted to Manager, New Business Projects. In his new position, Funderburke will explore the new commercial potential of new technologies growing out of Westvaco's forestry operations and research organization. During the summer he will relocate to his

native South Carolina where he will be headquartered in the company's Forestry Center in Summerville.



ANTHONY P. (Tony) MOLLISH

Anthony P. (Tony) Mollish, will succeed Funderburke as Manager, West Virginia Woodlands. Mollish has been Woodlands Operations Manager reporting to Funderburke. Since his promotion does not require a move, he will continue to be headquartered in Rupert, West Virginia.

Funderburke received a Bachelor of Science Degree from The

University of Georgia. He began his career with Westvaco in 1951 as a timber cruiser at Charleston, SC. In 1953 he became Acquisition Forester at North Carolina Woodlands and in 1956 moved to Brazil as the first Forestry Department Manager of the company's Rigesa subsidiary. Funderburke returned to Summerville, SC in 1961 in the Timber Sales Department and in 1967 moved to Lynchburg, Virginia as Timber Production Manager for Virginia, West Virginia, and North Carolina Woodlands.

Funderburke was instrumental in the acquisition of the company's Gauley Woodlands in 1970 and became Gauley Woodlands Manager in 1971. When the Gauley and Parkersburg, WV operations were merged in 1976, he became Manager of the new West Virginia Woodlands.

Tony Mollish, a native of Beckley, WV received a BS in Forestry from West Virginia University in 1960 and a Master of Forestry in 1962 from Duke University. He joined Westvaco in 1965 after previous work with the US Forest Service and Weyerhaeuser Company. Mollish began his Westvaco career as District Forester in the company's Southern Woodlands. He became Assistant Manager of Gauley Woodlands in 1971 and Operations Manager of West Virginia Woodlands in 1976.

## Westvaco Merges Woodlands Operations

Westvaco Corporation has merged its Virginia and West Virginia Woodlands. The new Appalachian Woodlands organization comprises approximately 600,000 acres of company timberland located in West Virginia, Virginia, Maryland, Pennsylvania and Ohio. The change was effective June 1, 1987.

According to Appalachian Woodlands Manager Anthony P. (Tony) Mollish, the reorganization will accomplish greater administrative efficiencies while maintaining all current operational and related activities. Prior to assuming leadership of the new woodlands unit Mollish was operations manager of West Virginia Woodlands.

Appalachian Woodlands is headquartered in Rupert, West Virginia. Area offices will be maintained in Appomattox, Virginia; Rupert, Elkins and Parkersburg, West Virginia. Four area superintendents will report to Woodlands Operations Manager Wayne A. Barfield, formerly technical superintendent of the company's Southern Woodlands. Named area superintendents for their respective areas were: James E. (Jim) Grobowski, Appomattox; Jay A. Engle, Rupert; Dennis C. Dunham, Elkins; and Clifford F. (Cliff) Schneider, Parkersburg. All four were district foresters prior to the merger. Trenor L. Hypes, former Northern District forester, Virginia Woodlands, is new Appomattox District Forester reporting to Grobowski and Peter D. Gayer, formerly forester, Parkersburg District, West Virginia Woodlands, is new Parkersburg District forester reporting to Schneider.

Under the new Appalachian Woodlands structure, Dr. Bruce A. Schick is technical superintendent, Alan E. Carlson is administrative assistant, Roger L. Sherman is public affairs forester, James H. Hill is timber production manager, and Paul E. Miller is minerals assistant. All had the same assignment in the former West Virginia Woodlands.

Continuing to report to Schick will be technical department forester Harry L. Sargent and technicians William A. (Bill) Scofield, Paul D. Chiusano and Mary J. Wodecki. Also reporting to Schick is Sarah E. (Sally) Lane, former project forester, technical department, Virginia Woodlands who is project forester, technical department, Appalachian Woodlands.

Joseph W. (Joe) Lancaster will report to Hill as assistant timber production manager. Lancaster was timber production manager, Virginia Woodlands. Lancaster and Lane will relocate to the Rupert, West Virginia area during the summer.

# People

## WELCOME!!

### New members of the Allegheny Society

CODES: N - New Member, R - Reinstatement, T - Transfer

#### Maryland/Delaware Division

L. Baughman-N; G. Brown Jr.-T; D. Catlett-N; C. Cox-R; A. Di Paolo-N; B. Gillelan-N; C. Huss-T; D. Kamp-N; D. Keane-N; M. Levine-T; L. Liptrap-N; C. Lubben-T; R. McMillan-N; M. Mitchell-N; W. Rees Jr.-T; C. Resh-T; J. Rutherford-N; D. Wagoner-N; N. Williams-T.

#### New Jersey Division

M. Brown-T; S. Burd-T; D. Di Marcello-T; N. Hendrickson-T; G. Pierson-R; G. Rosato-T; T. Vanzin-T; S. Webb-T.

#### New Jersey - Rutgers Student Chapter

C. Franz-T; G. McLaughlin-N.

#### Keystone Chapter

J. Bailey-T; R. Herbstritt-T; G. Stanosz-T; S. Sterner-N.

#### Northern Hardwood Chapter

T. Benedict-N; C. Brown-N; J. Burton-N; A. Campbell-N; E. Cesa-T; M. Clarke-N; M. Davenport-N; S. Dutchess-N; S. Gocella-T; T. Graham-N; K. Gries-N; M. Hale-N; A. Kline-N; M. Miller-N; D. Moyer-N; T. Murphy-N; J. Robbins-N; A. Wolfe-N.

#### Pinchot Chapter

R. Bauman-T; C. Luksic-T; R. Turner-T; A. Wilson-T.

#### Plateau Chapter

T. Beauvais-T; B. Carlson-T; B. Clark-T; E. Dawes-N; J. Ehlers-T; J. Gregory-T; D. Persic-N; S. Ross-T; D. Snyder-T; S. Stout-T; D. Tinch-T; R. Whiteman-T; M. Wodecki-T.

#### Rothrock Chapter

C. Barden-T; R. Gubler-N; R. Huckfeldt-T; J. Lepley-N; R. Loeb-N; M. Miller-N; J. Myers-N; T. Oriaran-N; R. Weisenstein-N; R. White-R.

#### Valley Forge Chapter

H. Ahn-T; J. Albitz-T; D. Byrne-T; R. Conrad-T; D. Hess-T; E. Reitz-N; D. Sheldrake-R.

#### Western Gateway

D. Gettinger-T; J. Gillespie-R; T. McNally-R; T. Muchow-T; S. Souillard-T; B. Tarbert-T; R. Voytko-T.

#### West Virginia Division

J. Denning-T; D. Dillard-N; J. Doney Jr.-T; M. Fleming-T; R. Gall-T; J. Goldie-T; M. Healey-T; S. Jenkins-T; J. Phares-N; R. Ray-N; K. Rexrode-R; A.S. Rohrbaugh-N; J. Swinker-T; A. Tomkowski-N; K. Travers-R; J. Wisman-T.

#### West Virginia - Morgantown Student Chapter

M. Dillon-N.

## On Allegheny Membership

**GREAT!!!** Compared to July 1986 we have increased membership by 3% or 35 members. Our current standing is 1098. This increase includes the 95 Allegheny Foresters who dropped membership this past year.

Our largest Division/Chapter is West Virginia at 203, followed by Maryland/Delaware at 152, New Jersey at 148, Rothrock at 113, Northern Hardwood at 93 and so on.

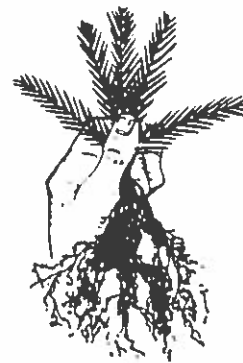
The Allegheny is the sixth largest of the 34 state societies in the U.S.

Since July 1986, SAF has lost 200 members for a 1.1% decrease. SAF is looking for a net gain in 1988.

The Allegheny SAF can play a large role in that increase; I'm looking for a 6% increase with a goal of 1163. This week, ask some one in your working circle to consider membership.

Bill Scherer  
Membership Chairman

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# People

## Newsletter Editor Promoted

Peter H. Miller will assume new duties this fall as Procurement Forester for Westvaco's Luke Maryland Mill. In his new position, Peter will be contracting with independent pulpwood suppliers in the Luke truck area. The move was brought about as William D. Scherer was promoted to Assistant District Manager. Bill will be working directly with Jack C. Sturgill, who is Manager of the Central District.

Pete is a graduate of the State University of New York College of Environmental Science and Forestry and has been manager of Westvaco's Tyrone Woodyard at Tyrone, PA. He has been active in the Pennsylvania Forestry Association's Logging Safety Committee and served as Chairman of the Southwest Pennsylvania Logging and Sawmill Safety Field Day in Ebensburg, PA for 1987.

Both Pete and Bill are active in the Allegheny Society of American Foresters. Pete serves as editor of the "Allegheny News" and Bill is Chairman-Elect of the Allegheny Society.

## Scherer Elected Chairman

William D. Scherer of Frostburg, Maryland has been elected Chairman of the Maryland Board of Registration for Professional Foresters at a recent meeting in Baltimore.

Scherer was appointed to the Board by Governor Harry Hughes in March 1986.

The State Board of Registration for Foresters administers the licensing of persons engaged in the practice of Professional Forestry in Maryland.

A graduate of the State University of New York College of Environmental Science and Forestry, Scherer serves on the Board of Directors of the Pennsylvania Forestry Association and is Chairman-Elect of the Allegheny Society of American Foresters. He is employed by Westvaco Corporation as an Assistant District Manager in Wood Procurement for the Fine Papers Division located in Luke, Maryland.

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Considered the artist's masterpiece, the original oil painting is part of the permanent collection of the Corcoran Gallery of Art in Washington, D.C. The Corcoran has granted the West Virginia Division of the SAF the rights to produce a limited number of prints. A letter from the Corcoran on the history of the painting and artist will accompany each print.

This is a rare opportunity to purchase an art print of this high quality. All profits will benefit SAF programs at the state, regional, and national levels including the Foresters' Fund; SAF Endowment Fund; and the Allegheny SAF Continuing Education Endowment.

**Order today, for yourself and as gifts. Quantities are limited.**

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		Make check payable to WVSAF	

# Allegheny Endowment at \$7,061.52

Allegheny Executive Committee Contributes \$1,000.00

Union Camp Corporation Donates \$1,000.00 – New Jersey Organizations Add \$750.00



Frank Reiphoff (right) of Reiphoff Sawmill, Allentown, New Jersey, presenting a check to Ron Sheay for the Allegheny endowment Fund.

The Allegheny Executive Committee contributed \$1,000 to the fund and Union Camp Corp. added a \$1,000 contribution. These substantial contributions, along with the member contributions listed below, and money received from the winter meeting raffle of donated prizes (including a beautiful wall clock handcrafted of Cypress wood by Al Knox) brought the fund total to \$7,061.52.

Your committee, as you can see, is starting to contact allied organizations and the forest industry for contributions to the Allegheny Endowment Fund. The more support from our own members will greatly assist the committee when contacting other organizations for financial support. We heartily thank the following organizations and SAF members that have contributed since our last report to you.

Allegheny Executive Committee (2nd contribution)	\$1,000
Allegheny Winter Meeting Raffle	291
New Jersey Forestry Association	350
New Jersey Division - SAF	225
New Jersey Tree Farm Committee	50
Willard Bros. Woodcutters, Trenton, NJ	75
Pennsylvania Division (2nd contribution)	100
Maryland/Delaware Division (2nd contribution)	100

Riephoff Sawmill, Inc., Allentown, NJ	50
Maier Lumber Co., Inc., Bangor, PA	50
J.V. Wells Lumber Co., Sharptown, MD	100
Union Camp Corp., Wayne, NJ	1,000
William A. Ackrom (2nd contribution)	
Richard W. Bentz	
Kevin Brady	
William S. Corlett (2nd contribution)	
E. Allen Crozer (2nd contribution)	
Alexander Day	
David R. Edelman	
Edward P. Farrand	
Paul M. Felton	
William F. Funk	
Porter H. Gearhart	
Calvin F. Glattfelder (2nd contribution)	
Gordon Hillgartner (2nd contribution)	
George P. Howard, Jr.	
Joseph R. Hughes	
John D. Kegg	
George P. Koeck	
Silas Little (2nd contribution)	
Tunis J. Lyon (2nd contribution)	
Stephen J. Maurer	
Margaret M. Meade	
Rex E. Melton	
Vernal C. Miles (2nd contribution)	
Thomas F. Miller	
Jack E. Paulhamus	
Douglas S. Powell (2nd contribution)	
Robert Rumpf (2nd contribution)	
Ronald J. Sheay (2nd contribution)	
Robert D. Shipman (2nd contribution)	
F. Henry Sipe (2nd contribution)	
William F. Vanidestine (2nd contribution)	
Mark Vodak	
Richard F. West	
Olin D. White, Jr.	

Member Contributions	\$745.00
TOTAL	\$3,391.00
Previous Contributions	\$2,925.52
GRAND TOTAL	\$7,061.52

Have you contributed yet? You may do so by sending a check (Payable to the Allegheny Endowment Fund) to the New Jersey Division SAF, PO Box 304, Pennington, NJ 08534.

Your committee members are always available to answer questions or receive contributions.

**Maryland/Delaware**  
Tim Kaden  
(302) 736-4811 (bus.)

**West Virginia**  
Jack Sturgill  
(301) 359-3623 (bus.)

**Pennsylvania**  
Sandy Cochran  
(814) 776-1161 (bus.)

**New Jersey**  
Ronald J. Sheay  
(609) 292-2531 (bus.)

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## Summer Meeting - Warren, PA June 15, 1987

Chairman, Richard Kennell, called the meeting to order at approximately 9 p.m. The minutes of the Winter Meeting were approved as printed in the Allegheny News. The Treasurer's Report was given.

Bob Martin reported that there was a significant balance left over from the Annual Meeting. The preference of the Host Committee is that the proceeds should go to the Allegheny Endowment Fund. When the Treasurer receives the check, it will be temporarily deposited in the Savings Account until a decision can be made on its disposition at the Annual Meeting.

The report of the Allegheny News indicated that there was not enough advertising to make the publication self-sustaining. It was recommended that additional ad sheets and extra copies be distributed to aid in this effort. July 17th is the deadline for the up-coming issue.

Chairman Kennell, announced that there had been two fellow nominations - Bob Bond and Bill Gillespie. Also, there are four candidates for Council Members - Bob Rumpf, Wilbur Wolf, Ron Sheay and Dick Rossman. It was reported that Membership was 1,178 up from last year.

It was requested that if there were any issues to be brought before the House of Section delegates they should be made known to Chairman, Kennell, as soon as possible.

Under new business, there was considerable discussion regarding the lack of professional standards for Pennsylvania Foresters. It was felt that this was becoming an important enough issue that it might be addressed by the House of Section Delegates.

Bob Shipman was recognized as National Leader in recruiting new members. A framed certificate was awarded to him from the National Office. Bob shared some of his thinking on the subject.

There being no further business - the meeting was adjourned.

R.J. LaBar, Secretary - Treasurer  
Allegheny Society of American Foresters

## 1988 Allegheny Society Winter Meeting

The 1988 Allegheny Society of American Foresters Winter Meeting will be held February 24-26, 1988 at the Ramada Inn in Annapolis, MD. The meeting theme will focus on Forestry's Role in Land Use Planning and the ways forestry can help to resolve land use conflicts. Suggestions for speakers, meeting format and post-meeting activities should be sent to Kevin Donnelly, 2320 S. DuPont Highway, Dover DE 19934 or call him at (302) 736-4811.

## Nominations Due

Elections will be held in November for the Chairman-Elect and Secretary-Treasurer offices of the Allegheny SAF. Please send any nomination suggestions to Bob Martin, Chairman, Nominating Committee, by October 1, 1987. Address: 125 Elmwood Court, Emporium, PA 15835.

## Cook College Has Co-op Program

Cook College of Rutgers University has a Co-op Program which places students in Natural Resources Management into positions where they can gain practical experience. The program may be of interest to you if you have temporary or seasonal manpower needs (or have manpower needs but you can't hire a permanent employee) or special project needs. The co-op program has been in existence for 13 years serving natural resource organizations, supplying them with student naturalists, park management aides, wildlife management aides, conservation interns, environmental educators, and research assistants. If you are interested in the Cook College Co-op program you may call (201) 932-9149 or write to: Co-op Education, Cook College, Rutgers University, CN 231, New Brunswick, NJ 08903.

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# Allegheny Hardwood Silviculture Training Sessions

## Have a New Home and a Revised Program

by James Redding



For the past 10 years, the Northeastern Forest Experiment Station Research Unit at Warren, Pennsylvania, in cooperation with the Extension Services at Penn State and SUNY at Syracuse, has been conducting 3-day training sessions in hardwood silviculture at the Kane Experimental Forest. Since the inception of this training in 1977, nearly 600 resource managers have completed one of the 28 separate sessions given. These sessions are aimed at practicing resource managers and consist of roughly an equal amount of classroom and field exercises. In the classroom, results of the Unit's research over the past 15 years are presented in-depth. The course is structured around a three-step process: stand examination, stand analysis, and selection of an appropriate silvicultural prescription. Participants are given several opportunities to apply the techniques covered in the classroom to actual forest stands.

During the 10 years that the course has been offered, three major revisions have been made in content and structure. These revisions were the result of feedback from participants and updated knowledge based on research results. Now, additional revisions are needed to accommodate new research information.

On November 8, 1986, representatives from all organizations who have participated in past sessions met at the Kane Experimental Forest to determine future training needs and to discuss several alternative ways to revise the course.

Several changes were agreed upon:

1. There is a continuing demand for new employees and transfers to have the basic 3-day course as it is now given.
2. There is a need to have a 1-day classroom update session for those who had the training prior to 1985.
3. There is a demand for additional, more detailed training on specific topics such as herbicide use, computer applications, all-age management, soils and fertilization, and wildlife-silviculture integration.

These sessions would be geared to persons who have completed the basic 3-day course. Due to the expense involved in sending employees to a series of 1-day special sessions, it was agreed to offer them on successive days following the 1-day update course. Announcements of these sessions will be sent to past attendees.

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# An Expert System for Gypsy Moth Suppression

by Daniel B. Twardus

Computer technology of the past 10 years has focused primarily upon collecting, manipulating and disseminating data. The next ten years will see a focus upon collection, manipulation and dissemination of knowledge. Representing knowledge is the concept behind computer technology known today as Expert systems. The process of building an Expert system is called knowledge engineering and involves the compilation of facts, rules and procedures about a particular problem. This Knowledge is codified into a computer program which we can call an Expert system building tool.

These tools can vary in the way knowledge is represented with the most common being rule-based. Rule-based knowledge representation centers on the use of IF 'condition' THEN 'action' statements. For example:

IF a forest stand contains mature white oak,  
THEN it is susceptible to gypsy moth defoliation

This matching of rule IF portions to the facts can produce what are called inference chains that indicate how the system uses rules to infer outcomes.

Expert systems have been developed for many different problems. For example, Prospector, developed by Stanford Research Institute aids exploration geologists in their search for ore deposits; Pomme, helps farmers manager apple orchards by providing advice on how to improve apple crops; and Willard, helps meteorologists forecast the likelihood of severe thunderstorms. Medicine has seen the greatest proliferation of Expert systems with about 30 already developed and in use.

The USDA Forest Service, Forest Pest Management, in cooperation with the Department of Entomology of Penn State University is developing an Expert system to aid in the aerial application of insecticides for gypsy moth suppression.

Since 1982, aerial application of insecticides for gypsy moth suppression has occurred on over 3 million acres in the northeast, and required between 20 and 30 million dollars to implement. In recent years the use of insecticides (biological or otherwise), has come under close to public scrutiny as people have become more aware of the environmental hazards resulting from pesticide misuse. These facts notwithstanding the aerial application of insecticides remains the principal management technique for gypsy moth outbreaks. Supporting the decision-making process involved in aerial application then, should be a high priority, in order to insure effective and efficient pesticide use.

Aerial application of insecticides for gypsy moth suppression can be represented by a decision-making process requiring information about: gypsy moth population dynamics, gypsy moth impact to trees, tree values, pesticide effectiveness, pesticide use, pesticide safety, aircraft spraying systems, and insect sampling techniques. People who make decisions about aerial application, must assimilate various amounts of information

from these subjects. They do this with varying degrees of success often frustrated by incomplete information, or use of inappropriate information.

The Expert system for gypsy moth suppression proposes to support the decision-making process.

Features of the proposed Expert system include:

- The accumulation of codification of aerial application knowledge.
- The Expert system will represent the best information available with regard to aerial application technology.
- The Expert system will provide predictive modeling in the sense of providing answers for a given problem, and then showing how these answers would change for new situations.
- The Expert system will represent a compilation of knowledge about aerial application technology as it relates to gypsy moth suppression. As such, it becomes a consensus of opinion and is a permanent record of the best strategies and methods to use. When key people leave, their expertise is retained. More importantly, their expertise is already part of an overall decision-making process.

There are at least 2 problems associated with attempting to build an Expert system of this nature. The first, is the lack of a well defined knowledge base. Though this is a serious impediment to the development of an Expert system, it is felt that since aerial application decisions are being made anyway, providing a structure to this process can only help, if incrementally.

The lack of consensus among experts as to the choice and accuracy of solutions in the problem solving process is another potential problem. This perceived lack of consensus will make extracting and validating knowledge very difficult. It is this same lack of consensus that frustrates users of information, and makes the attempted development of an Expert system worthwhile.

An Expert system does not replace people, rather in a world of increasing and complex information the Expert system is another tool people can use to make better decisions about complex problems.



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Consulting Foresters

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Telephone  
(201) 879-4144

RICHARD D. GOODENOUGH  
President

# Division and Chapter News

## Maryland/Delaware Division

Our Division's Summer Meeting on July 16th at Fort Frederick, Washington County, Maryland was pleasant-both the weather and the program, thanks to program chairman, Phil Pannill. We reviewed our progress on planning for the Allegheny Society's Winter Meeting on February 24, 25 and 26, 1988 in Annapolis. We will have a planning meeting for the above mentioned meeting on September 2 from 10 a.m. - 1 p.m. at the Ramada Inn in Annapolis. Any member interested is invited to come.

Our Winter Division Meeting is planned for November 20, 1987 in Annapolis. Our next summer meeting will be July 21, 1988. Make a note of these dates.

In the afternoon Phil took us on a tour of a salvage cut of White Oak killed by the gypsy moth. Since Fort Frederick is a State Park this is quite an accomplishment. We then looked at some of the fifty year old plantations on the park. These included Larch, Spruce, Hemlock, Sweet Gum, Tulip Poplar, Red Pine, White Pine, Pitch Pine, Corscian Pine, Loblolly Pine, Shortleaf Pine and Douglas Fir. All of these plantations are undergoing improvement cuttings.

Afterwards we toured the Fort and Museum.

Our chapter decided to send money for a pound of tree seed to send to China.

Dwight Fielder reports "Save the Bay - Plant a Tree"

'T' shirts are still available. Call Dwight at (202)433-3586 or write him at 7712 Hanover Parkway, #103, Greenbelt, MD 20770. Cost is \$6.50 each or two for 12.00.

## Western Gateway

The Western Gateway Chapter held its summer meeting on Thursday, July 16 at the U.S. Army Corps of Engineers' Conemaugh River Dam. Park Ranger Jim Shisko presented an interesting slide program on the history of the dam and the Corps' land management operations. Following the slide presentation, members were treated to an informative tour of the dam facilities.

Later in the day, members and their families enjoyed a cookout followed by a brief business meeting. During the business meeting, it was decided that on Thursday, October 22, the Chapter will tour the Bantley Taxidermy School in Ebensburg. All are encouraged to attend.

## Maryland Tree Farm System to Celebrate its 40th Anniversary

John Kundt announced that the Maryland Tree Farm System will celebrate its 40th year in 1988. Each month will have a theme or focus to celebrate. Terry Clark is the general chairman for the 40th anniversary program. More details will follow in the next Allegheny News.

## Be Somebody Special . . . Join the Pennsylvania Forestry Association

Membership benefits include:

*Pennsylvania Forests Magazine*

*Annual Meeting & Field Trip*

*Landowner Conferences*

*Logging Safety Field Days*

*Youth Forestry Camps*

*A Voice in Conservation*

---

### MEMBERSHIP APPLICATION

Application is hereby made to join the Pennsylvania Forestry Association for the class of membership indicated below:

Date \_\_\_\_\_ 19\_\_\_\_ Membership Class \_\_\_\_\_ Private Landowner

Payment enclosed   \$20   for one year's membership.

Name \_\_\_\_\_ Telephone No. \_\_\_\_\_

Address \_\_\_\_\_ Town \_\_\_\_\_

State \_\_\_\_\_ Zip Code \_\_\_\_\_ County \_\_\_\_\_

Affiliation \_\_\_\_\_

If a woodland owner, please indicate woodland located in \_\_\_\_\_ County \_\_\_\_\_ Acres

**MAKE CHECKS PAYABLE TO PENNSYLVANIA FORESTRY ASSOCIATION**

Send to: PA. FORESTRY ASSOCIATION  
410 East Main Street  
Mechanicsburg, PA 17055

# FFA Forestry Contest Held at ACC

Approximately 30 youngsters, representing six Western Maryland high schools, participated in the state Future Farmers of America forestry contest which was held on the largely wooded, 370 acre Allegany Community College campus. It was the first such contest held in Maryland and is the culmination of about two years of planning by state Department of Education and FFA officials.

ACC was chosen to hold the contest because it is the only school in Maryland that confers a degree in forest technology.

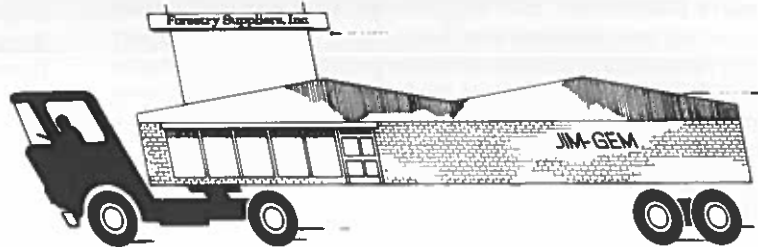
Students took part in a full day of activities ranging from written tests in the morning to field exercises in the afternoon. The former measured general knowledge of forestry and forestry equipment while the latter evaluated more specific skills in exercises such as: identification of trees and tree disorders, cruising and compass and pacing.

In groups of four, students made their way through the range of activities, which were conducted by Dr. William L. Cones, coordinator of ACC's forestry program, professor Steve Resh, retired professor Dr. Rex Harper and an ACC forestry student.

At day's end, the team from Clear Spring High School in Washington County was declared the winner and had earned the right to travel to Kansas City to take part in the national FFA competition in November. Second place went to Southern Garrett County High School and earned them a trip to Springfield, Massachusetts for regional competition.

The addition of the forestry contest raises the number of FFA competitions currently being held in Maryland to over 25. The various contests have to do with a wide range of farm and farm related pursuits - from livestock, poultry and dairy to floriculture, farm business management and public speaking. The forestry contest was well accepted and will become an annual event for the FFA.

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0-601-354-3565 AK

# Seminars and Workshops

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## VPI Road Design Course

Virginia Tech will offer a workshop on Field Techniques for the Direct Location of Forest Roads at the VPI campus in Blacksburg, Virginia, September 2-4. The workshop will feature classroom discussion, hands-on field instructions, and practical team exercises. Contact Karen DeBord, Donaldson Brown Center for Continuing Education, Virginia Tech, Blacksburg, Virginia 24061; (703) 961-5242.

## Current Challenges to Traditional Wood Procurement Practices

Sponsored by the Forest Products Research Society in cooperation with the Forest production and Utilization Working Group of the Society of American Foresters, this conference will present a realistic perspective on current and potential timber procurement practices, taking into account the variables that effect procurement strategies. The conference will be held September 28-30, at the Westin Peachtree Plaza, Atlanta, Georgia. For more information contact FPRS at (608) 231-1361.

## More Trees Surviving

Modern reforestation practices and development of superior trees have reduced the number of trees required to assure adequate reforestation of harvested sites. The state of Washington has formally reduced the minimum number of seedlings that must survive on each acre one year after logging from 300 to 190. "We grow better trees and get a better survival rate," says Wally Carey of the Northwest Forestry Association. "As a result, foresters need to put fewer trees into the ground."

Paper for this issue provided by

# Westvaco

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## Great American Woodlots Tapes Available

Tapes of the Great American Woodlots PBS television series are now available. These tapes (VHS format) are stored at Fogle Library, University of Maine, Orono and are available through the inter-library loan system. Contact your local inter-library loan office for more information on borrowing these tapes.

## POTPOURRI

### Electronic Bulletin Board

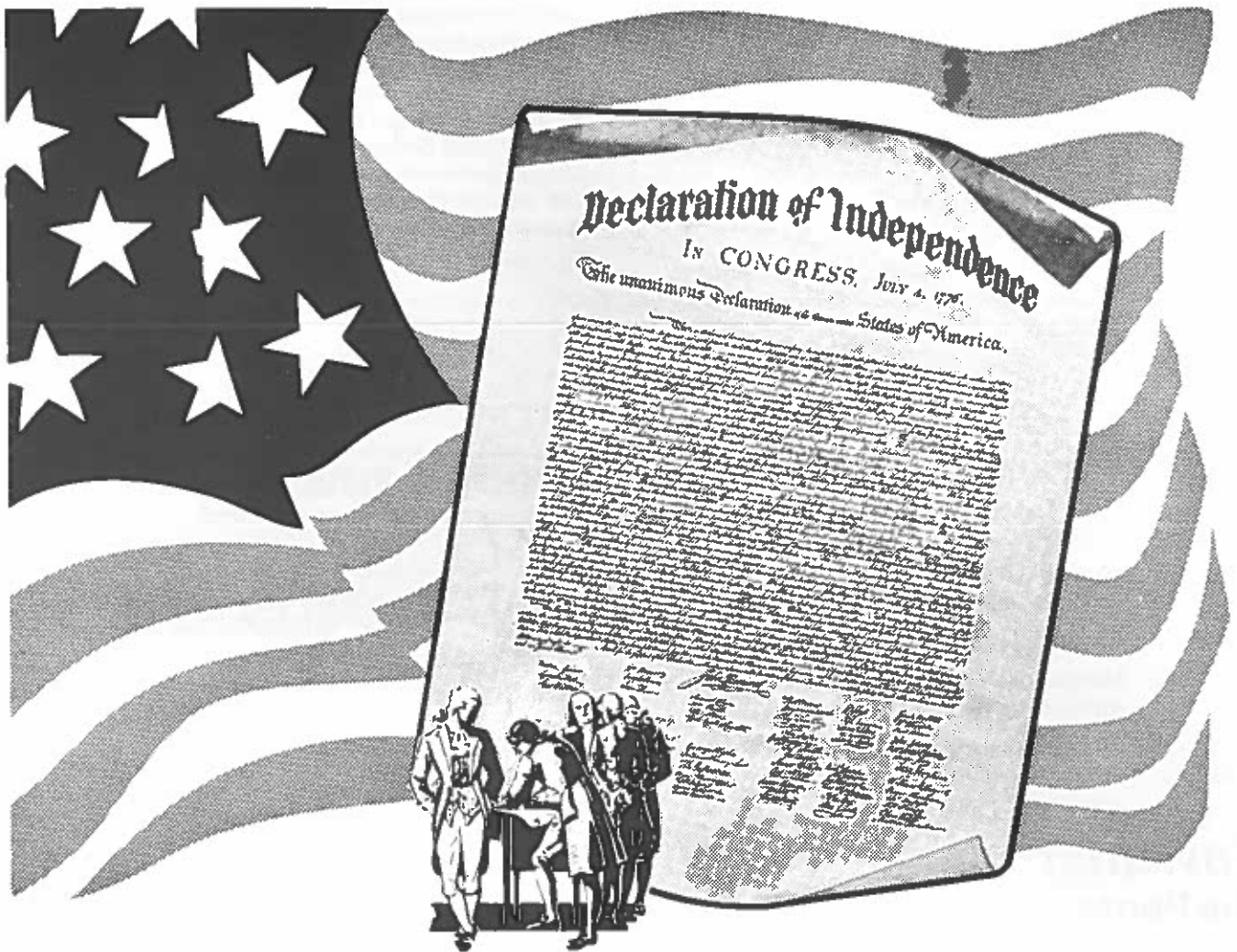
Recently, an electronic bulletin board was established by Dr. Dan Seale at the Mississippi Forest products Laboratory for use by Mississippi's forest industry. The network is free to users within forest industry and only requires a micro-computer and a modem to access the system. Bulletin board users can read and send electronic mail and post notices of meetings, items needed or for sale, etc. The potential of this communication network is great but more users are needed. Firms from Mississippi and as far way as Canada, New York and California are on the bulletin board. If you are interested in becoming a bulletin board member, contact Dr. Dan Seale, MFPL, PO Drawer FP, Mississippi State, MS 39762 or call (601) 325-3072.

Mississippi Forest Resources

### Plywood in the Spotlight

Many wood products do not give a clue that they are made from wood. Paper is a good example. Another is the Star Destroyer spaceship used in the movie "The Empire Strikes Back" (part of the Star Wars series). The detailed model used to show the Star Destroyer in flight was constructed from plywood. The film industry uses a great deal of plywood to construct film sets, models, and other props though often these are finished to look metallic. Many special effects teams build the frames for their flying saucers and other spacecrafts from aircraft plywood because it is strong and resilient enough to be moulded to shape. May the Force be with you.

Mississippi Forest Resources



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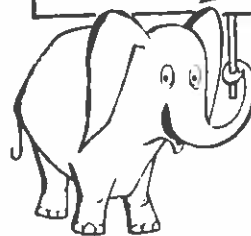
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1285 Broadview Drive  
Morgantown, WV 26505  
O: (304) 293-4411  
H: (304) 599-6037

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..is the deadline for news and articles for the next issue of the "Allegheny News." Send information and ideas to your chapter correspondent or to the Editor, Allegheny News, 1115 Rosehill Drive, Altoona, PA 16602.

## Sawdust, Slash and Other Residue

### The Pentagonal Dot Talley Innovator Claims Proposed Method Will Save Paper

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My friend brought over some of his tally sheets, and explained how he used the system. I noticed that, despite the apparent conciseness of the method, he sometimes needed extra sheets to finish his count. It seemed to me that the method wasted paper. There ought to be a way to record more things on one sheet.

After thinking about the matter for some time, I began to experiment with various geometric designs. Eventually, I discovered that a pentagon, with an interior star, would record a count of 15. This means that in theory, a sheet which would be filled by a certain number of 10-count squares, say twenty, for a total of 200, could accommodate instead the same number of 15-count pentagons, and thereby record a count of 300. That would achieve a 50 percent increase in the number of things recorded on the sheet, or a 33 percent reduction in the number of tally sheets needed.

In practice, the savings might average somewhat less, because the pentagons would probably have to be drawn slightly larger than the squares, due to their greater number of interior lines. But in the smaller jobs, the percentage of savings could be more, such as when the next sheet is needed for only a few trees. I believe it would not be unrealistic to expect a 25 percent average reduction in the number of tally sheets used.

My forester friend's reaction to the design was disappointing, I'm sorry to say. He said that the pentagons were hard to sketch in freehand, and complained that the lines of the interior star were confusing to keep track of. He thought the method would slow down his field work and make his count less accurate. That may be so—particularly at first. But I think his reaction is just sour grapes because he didn't think of it first.

He assures me that most foresters regard themselves as conservationists. I know that I consider myself one. It is in this spirit that I have decided to ignore my good friend's pessimistic opinion and share my design with all of you. It seems to me that, if an absolutely accurate count is not critical, and a little slower pace of work is acceptable, the conservation of our paper resources ought to be important enough to outweigh any minor shortcomings such as accuracy and productivity. Too many ideas which would have benefited mankind have been cast aside because their discoverers lacked either the courage or vision necessary to see them through.

George Reamerstraff, Conservationist



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## **Western Gateway Chapter**

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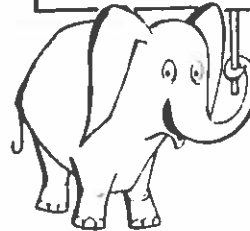
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