

The Allegheny News



Allegheny Society of American Foresters
Winter 1996

1995 &

TREES—THE RENEWABLE RESOURCE

Professional
Management of Pine
and Hardwood Forests
in Pennsylvania, Maryland,
Delaware and Virginia
for Quality
Paper Manufacture.



The Glatfelter Pulp Wood Co.

Spring Grove, Pennsylvania • Telephone (717) 225-4711

This issue of The Allegheny News is printed on paper donated by The Glatfelter Pulp Wood Co.

The Allegheny News

Volume 4, No. 4

The official publication of the Allegheny Society of American Foresters. Published four times annually: January, April, July and October. **Deadline for articles is the 15th of the month preceding publication.** Subscription rates included in the annual Allegheny Society dues.

Editor

Jack Winieski

Layout

Catherine Winieski Carter

Table of Contents

Resolved to Service	1-2
NJ Division Honors Golden Members	2
SAF Certified Foresters Update	2
Mt. Alto Victors in Timbersports	3
John Oliver Heads New Pennsylvania DCNR	3
Ben Roach Forum Attracts Record Crowd	4
Pinchot Chapter Elects, Plans	4
Penn College Bat Houses	5
MD-DE Fall Meeting Photo Highlights	5
Allegheny SAF & PA Division Election Results	6
Conversion of an Infidel	6
Plateau Chapter Walks/Meeting Highlights	7
Northern Hardwoods Chapter Meets	8
MD Forests Association Recognizes Members	8
Czech Forestry Students Visit PA	9
A Fellow Forester	10
Allegheny at the 1995 "Fun Run"	10
Deer in Gettysburg National Parks	11
Pennsylvania Deer Management Update	12
Keystone Chapter Officers Elected	13
New SAF Communications Director	13
Fire Prevention a Three-Way Partnership	13
Forest Health Highlights: Maple Mortality	14-15
NJ SAF Participant in Roundtable	15
Mt. Alto Penn State Appoints New Instructor	15
Horse Logging on the ANF	16-17
Facts That May Surprise You	17
Journal of Forestry 1996 Editorial Calendar	18
Seventh American Forest Citizens Congress	18
U.S. Government Memorandum	19
Coming Events	20
Allegheny SAF Committee Chairs	20
Allegheny SAF Chairs, Executive Committee and Division Chairs	Inside Back Cover

Cover Photo

Jim Gillette stands proudly with his six-year-old Belgian "baby," Duke, who weighs about 2,500 pounds. See the article on pages 16-17 for more interesting facts about Duke, and Dutchess, his mate.



Resolved to Service

By Timothy A. Kaden,
Allegheny Chair

In the first few days into 1996, how many of your New Years' resolutions are firmly in place? As incoming Chair of the Allegheny SAF I have firmly resolved to dedicate all the time and effort necessary to meet the challenges of the Chair's office for 1996-97.

The year brings new excitement and opportunities to the membership of the Allegheny Society. First, all Divisions (except West Virginia) and Chapters have had officer elections, and these new volunteers begin the first year of a two-year term of service to all of us.

Let me introduce the newly elected Allegheny SAF Executive Committee for 1996-97: Chair-elect is **Mark Webb**; At-Large members **Kurt Gottschalk**, **Ken Jolly**, **Roy Siefert** and **Kim Steiner**; and Secretary/Treasurer **Susan Lacy**. The Chairs of each Division and Chapter are also voting members of the Committee, as is the position of Science Coordinator, **Mike Lester**.

Congratulations to all of the other Division and Chapter officers elected in the Allegheny Society. And how about the newly elected National Vice-President Harry Wiant? Way to go Harry!

I could leave the topic of election here but I would be remiss if I didn't call it to the attention of the membership that 90%, yes ninety percent, of eligible members **DID NOT VOTE** in the Allegheny election! When we meet, we often agonize over the influence that outside organizations exert on professional practices, yet when asked to vote for the professional leadership that will represent us in issue discussions and resolutions, we abstain. If we are seriously concerned with the foresters' right to practice forestry, we need to take part in choosing the representatives who will represent us in leadership positions.

This fall, we will be presented with a National referendum on proposed changes in SAF membership categories (Affiliate and Associate) and those members' right to hold office and vote at the Chapter, Division, and State Society levels. I suggest we all study the issues carefully and vote accordingly — or forever hold our gripes.

Opportunities abound for our involvement and professional broadening in the coming year: the Symposium on Nonindustrial Private Forests, February 18-20, 1996 followed by the Seventh American Forest Congress on

Members and Views

Chair's Corner

(continued from page 1)

February 20-24, in Washington DC (this latter a once-in-a-career opportunity), and the annual Allegheny SAF meeting on March 20-22, 1996 in "snow-free" Ocean City, MD. And while you are blocking out dates, enter February 12-14, 1997 for the historic 75th Anniversary celebration meeting of the Allegheny Society to be hosted by the Pinchot Chapter in NE Pennsylvania. Special activities and tours of Grey Towers, national historic landmark home of Gifford Pinchot and now base of the Pinchot Institute, will be featured as well as program content, making this a landmark celebration to remember.

On a personal note, as I start my first days as Allegheny SAF Chair, I am at your service; please address your concerns to me (or any member of the Executive Committee). I would like to know the dates of your meetings, so that I could take advantage of your programs and get to know more of the good work that is being done at the local level.

One thing I learned at the SAF Leadership Academy this past year is that the Allegheny SAF is a leader within the National Society — one only has to look at the roster of past Allegheny members' serving at National offices and committees over the past 73 years. This is not by accident, but by hard work. I challenge new officers and all members to resolve to become seriously involved in our professional society — leadership involves dedication and hard work. ♠

SAF Certified Foresters

The following foresters have been added to the Certified Forester list as of December 21, 1995. Congratulations!

New Jersey:

Kathy Swigon

Pennsylvania:

Lloyd R. Casey

Pat T. Hill

Stephen E. Jaquith

Richard H. Nichols

Roxane S. Palone

Malcom D. Waskiewicz

Frederick J. Harris Forest Resources Consultant

Management • Sales
Appraisals

Specializing in Timberland Management for Private Landowners

1700 Maple Avenue
Shamokin, Pennsylvania 17872
Phone (717) 648-6917



(Left to right) Gordon Hillgartner, Dick Lentz, and Dick West proudly display their Golden Member Certificates as Division Chairman John Benton looks on

NJ Division Honors Golden Members

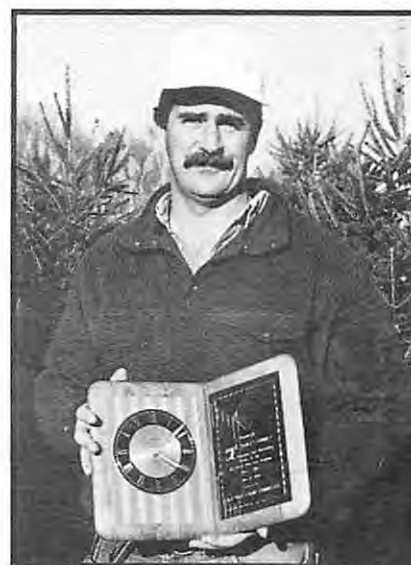
By Ron Sheay, Forest History Chair

Four members of the New Jersey Division SAF were recently presented with Golden Member Certificates, recognizing 50+ years membership in the Society of American Foresters. **Gordon Hillgartner**, a SAF member for 63 years, spent his career in the NJ Park Service; **Austin (Dick) Lentz**, SAF member for 53 years, was Extension Forester in New Jersey for many years; and **Richard F. West**, SAF member for 52 years, has had a distinguished career in teaching at LSU and Rutgers University.

Also honored at the same meeting was NJ SAF member

Duke Grimes. He was awarded a plaque by the New Jersey Tree Farm Committee for eight years of outstanding commitment to the NJ Tree Farm Program (part of the National Tree Farm Program, sponsored by the American Forest & Paper Association — AFPA).

Duke is a Consulting Forester and operates his own Christmas tree farm in Rosemont, NJ. ♠



Duke Grimes with his Outstanding Commitment to Forestry Award from the New Jersey Tree Farm Program

Mt. Alto Victors in Timbersports

By Craig Houghton, Professor,
Mt. Alto Penn State

As 1994 defending champions, the Mont Alto Timbersports would not be denied victory at the recent 1995 competition of forestry teams at the Annual Virginia Crab Festival at West Point. The competition was sponsored by the Chesapeake Wood Products Corporation, and included rivals NC State, VA Tech, and WV University.

The Nittany Lions placed: 1st in the womens/mens log roll - **Kristina Brady, Mandy Burgoon, Torry Englert, and Mike Leese**; 1st and 6th in bow saw in which freshman **Joe O'Drain** went through an 8"x8" block in 14.31 seconds, and sophomore **Jason Hall** was timed at 22.94 seconds respectively; 2nd in cutting "wood cookies" with a time of 33.35 seconds for **Kelly Hobbs**; 1st in men's axe throw was a tie between Mt. Alto freshmen **Scott Miller** and **Dan Scott**; and 4th in women's axe throw went to **Brooke Rodgers**.

At the lunch break Mont Alto led WVU by only one point, but went on to take three of six events to take overall first place. Kelly Hobbs and Kris Brady placed second in the two-women cross-cut event; **Jim Meek** and **Jason Jefferson** came in 3rd in the two-man cross-cut competition; and **Joe Kellert** and Mandy Burgoon easily outsawed the other teams in the Jack & Jill cross-cut event with a 1st place time of 18.02 seconds.

The premier event of the afternoon, the speed chop, went to Mont Alto's Joe Kellert with a time of 1:00.66 minutes, and freshman **Jason Skipper** — in his first competition — taking second with a time of 1:59.54. Mandy Burgoon took 1st in women's competition, showing her power by blasting through a 6"x6" block in top time. In a downpour, Scott Miller fell a pole within 18" of a peg to take 2nd in felling competition.

The overall first place finish earned the Mont Alto team the event trophy, a double-bit axe, as well as a bushel of cooked crabs! ♠

John Oliver Heads New Pennsylvania DCNR

Veteran conservationist **John C. Oliver** took the oath of office on November 22, 1995, becoming the first Secretary of the new Pennsylvania Department of Conservation and Natural Resources (DCNR). The new Department came into being on July 1, 1995 with the restructuring of the Department of Environmental Resources (DER) into two cabinet-level agencies — one to manage State Parks and State Forests (DCNR), and the other to enforce environmental laws (the Department of Environmental Protection [DEP]). The enforcement agency, DEP, is headed by former DER Secretary, **James M. Seif**.

Commenting on new key initiatives to be expected from the newly formed DCNR, Oliver offered that the newly formed resource management unit will, "follow three guiding principles in everything we do — stewardship, partnership, and service.

As stewards, our first and foremost responsibility is to take care of what we have. We have launched a major four-year, \$100 million initiative to repair, replace, and restore the infrastructure in our state parks and forest systems — roads, buildings, bridges, and sewer and water facilities. Being good stewards does not mean locking up our forests; we can harvest more timber on state forest land — annual timber growth has far exceeded the annual harvest on State Forest Lands for many years.

There will be no "us and them" in this agency; we will lead by example, but we cannot be alone in our efforts. We will foster partnerships with sportsmen's clubs, environmental



organizations, landowners, businesses, and others toward a common goal of resource stewardship.

Service, is perhaps the most important of our three guiding principles. We will break down the barriers that interfere with good customer service — bureaucracy, unnecessary paperwork, and delays. We will become more visitor-friendly when it comes to people getting information and using our State Parks and State Forest resources."

Oliver was associated with the Pittsburgh-based Western Pennsylvania Conservancy for 25 years prior to his appointment. He holds a bachelor's degree in economics and a minor in ecology from Kenyon College in Ohio and a master's degree in government and political science from the American University in Washington, DC. As a lieutenant in the U.S. Navy in the Vietnam War he earned the Purple Heart, the Bronze Star for Valor, and the Vietnamese Gallantry Cross.

Oliver lives with his wife, Judy and his two children, David and Rebecca in Sewickley, PA. ♠

A FREE instruction booklet for the
SAF Certified Forester Program is now available
from the National Office at (301) 897-8720, ext. 122

“Ben Roach Forum” Attracts a Record Crowd

By Jack Winieski, Editor

Discussing the deer issue in Pennsylvania usually attracts a crowd — among them, hunters, foresters, wildlife biologists, farmers, and others. The October 11, 1995 presentation at the SAF “Ben Roach Forum” in Kane, PA was no exception. It filled the main meeting room and tables were put up in the perimeter hall way to accommodate 163 interested individuals. The attraction? I believe it was the added anticipated views of a botanist, two PA Game Commissioners, and two animal rights representatives.

As usual, **Bob Bauer** of the PA Game Commission MC'd and moderated the program; **Bill Palmer**, of the Game Commission presented the case for science-based management; **Ann Rhodes**, Botanist from the Morris Arboretum discussed



Ted Grisez, Don Dorn, and Perry Fox enjoyed the October Forum

the affect of deer pressures on lesser vegetation species; **Richie Layman**, representing an Ohio-based animal rights group, gave a brief history of the animal rights movement and her group's views relative to deer populations and hunting; **Bob Long**, from the Washington, DC Humane Society entered into the discussions; and **Bob Gilford** and **George Miller**, PA Game Commissioners, reviewed the Commission's strategy over their many years of service.

The expected questions and discussion were straight forward and kept at a very professional level — a characteristic of all of the Roach Forum gatherings. The meal, and a chance for meeting with SAF members and individuals working in or interested in the area's forest industry made for a satisfying evening.

The next forum presentation will be by **Jeff Jones**, Director of “The Society for the Preservation of New Hampshire Forests” on April 18, 1996 at the Kane Country Club. His organization originated at the turn of the century to counter destructive timber harvesting in the White Mountains; today they promote educational programs to educate land managers, owners, and loggers, and practice what they preach on 25,000 acres. Advance reservations at \$13 by April 5, 1996 (\$14 after). Send to: Ben Roach Forum, c/o Steve Wingate, R.D.#1 Box 28A, Ridgway, PA 15853. (814) 776-6172. ♠



Among the many who attended the Ben Roach Forum in Kane, PA were Mike Kusko, Merlin Benner, and Riva Duncan

Pinchot Chapter Elects, Plans 1997 Allegheny Winter Meeting

By Mike Lester, Chapter Chair

Grey Towers, home of Gifford Pinchot, was the site of the Pinchot Chapter annual meeting on December 1, 1995. **Mike Lester** presented an illustrated talk on the Proctor & Gamble/National Audubon Society Wildlife Habitats Project in Northeastern Pennsylvania. At the short business meeting, Chapter officers for the 1996-97 year were elected: Chair **Mike Lester**, Chair-Elect **Mark Deibler**, and Secretary/Treasurer **Al Knox**. Outgoing Chair **Terry Boos** was recognized for his contributions to the Chapter.

The organizing committee for the 1997 Allegheny Winter Meeting convened after the business meeting. Several decisions were made based on reports of sub-committees:

- A tentative date was set for February 12-14, 1997;
- A meeting facility was chosen and will be announced, pending successful negotiations;
- The general theme “From Pinchot to Present and Beyond - A 75th Anniversary Celebration” was chosen in recognition of the founding of the Allegheny Society and Gifford Pinchot's role in its beginning;
- Potential topics (historical and current issue oriented), keynote, general session and issue speakers were listed for contact;
- Program and session timing was outlined; and
- Assignments were made for specific meeting functions.

Any member of the Allegheny SAF with ideas for this benchmark 75th annual meeting, please contact General Chair, Mike Lester at (717) 833-3194. ♠

Penn College Bat Houses

By Don Nibert, Assistant Professor,
Penn College of Technology

In a study project on the Earth Science Center Campus of the Pennsylvania College of Technology at Williamsport, students are installing large bat houses in the surrounding forest.

These wooden shelters are painted black to increase daytime temperatures. Interior partitions have rough surfaces, 1-3/4" to 3" apart, which will provide extra daytime resting places where these flying mammals can "hang out."



Jack Fisher, Forestry Lab Assistant, fastens a bat house assisted by forestry student Jay Lindemuth

Bats are nocturnal feeders, taking their prey on the wing, and can provide excellent natural insect control. Consider that the big brown bat can consume 25% of its weight in a single feeding, which could translate into 3,000 to 7,000 mosquitoes each night.

The bat house installations are not, however, an attempt to control the mosquitoes at Penn College. They are part of the outdoor laboratory experiences offered to students in the forestry curriculum. Building the bat houses to specifications fit for bat habitation, installing the houses, and monitoring them provides "hands-on" exercises for these future foresters. ▲

MD-DE Fall Meeting Photo Highlights

By Kenneth Jolly, MD Newsletter Chair



MD-DE SAF members smile for a photo at the end of the day. From left to right: **Tunis Lyon**, MD State Forester, retired; **John Riley**, MD State Forester; **Robert Webster**, MD-DNR Western Regional Forester; and **Daniel Hedderick**, MD-DNR Special Rivers Forester

The MD-DE SAF Division held its fall meeting at the Bear Branch Nature Center in Carroll County, MD on November 6, 1995. "Watershed Approaches to Ecosystem Management and Forest Harvest BMP Studies" was the focus of presentation, discussion, and a show-me field trip. **John Jastrzembki**, **Robert Webster**, and **Sue Barker** addressed the issues starting from a broad perspective and narrowing down to watershed studies

respectively. **Scott Kurtzman** of the Glatfelter Pulpwood Company conducted a tour of the Hanover Watershed to view management practices.

New MD-DE Executive Committee officers were elected, and 1995 award winners **David Chessler**, **Terry Clark**, and **Peter Miller** were recognized at the business meeting. Arrangements for the Allegheny Winter Meeting in Ocean City, MD were also finalized. ▲



Newly elected MD-DE Division Executive Committee members, from left to right: **Jonathan Kays**, Education; **Francis Zumbrum**, Membership; **Sam Dyke**, Secretary; **Tony DiPaolo**, Chair; **Jack Perdue**, Chair-Elect; **Wade Dorsey**, Treasurer; **Austin Short** and **Dave Poukish**, Members-at-Large; and **John Jastrzembki**, Past Chair

1996-97 Allegheny SAF Election Results

By Kenneth W. Jolly, Teller Committee Chair

Votes for the candidates in the Allegheny SAF election of 1996-97 officers were opened and tallied on November 21, 1995 by Teller Committee members **Kenneth Jolly, Steve Koehn, and Don VanHassent**. The successful candidates are: Chair-Elect, Mark R. Webb; Secretary/Treasurer, Susan E. Lacy; Executive Committee, Kurt Gottschalk, Roy Siefert, Kim Steiner, and Kenneth Jolly.

The Committee certifies that the above election results accurately reflect our tally of the ballots counted. Thanks to all candidates who participated — those who won and those who, in principle, agreed to offer their time in leadership positions. ♪



Pennsylvania Division Elects

In the recent elections for 1996-97 officers, the Pennsylvania Division SAF chose **Robert LaBar** as Chair-Elect and **Douglas D'Amore** as Secretary/Treasurer. **Kenneth Kane**, past Chair-Elect, assumes the position of PA Division Chair. ♪

Conversion of an Infidel

One of my favorite stories comes from my days as a professor at Stephen F. Austin State University in the pineywoods of East Texas. The city of Nacogdoches owned a slash pine plantation on an old airfield site, and the stand was ready for a thinning. The city fathers agreed to let my silviculture class mark the stand for the thinning. This was a great opportunity for students to do the real thing, not just mark a stand and pretend it was going to be cut.

One of the students in my class, whom I'll call Clem (a pseudo name just in case the Unibomber reads this) was a card-carrying Sierra Club member. He was also one of the brightest students (subversive-type organizations zero in on them, it seems) in the class, and often challenged me on utilization-type silviculture. It is next to impossible to convert infidels with the "Green Religion" to the true forestry faith, and my powers of persuasion seemed to make little headway. Anyway, back to my story.

I took the class to the plantation, beautiful tall pines fighting for their day in the sun. I handed a paint gun to Clem, emphasizing that any tree he marked was going to the pulpmill. He had undoubtedly seen a log hit the knives at the mill, an awesome sight even for a sawlog forester. Sweat broke out on his brow, his hands trembled as he struggled to squeeze the trigger. When the yellow paint hit the tree he got that feeling of power we have all experienced, the chance to be a god and decide which lives and which dies. He marked another, then another, in rapid succession. I suppose it's kind of like being a mass murderer, it gets easier after the first one. Finally I had to calm him down, "This isn't a clearcut, Clem, just a thinning!"

I encouraged Clem to go to Yale for a masters degree. Years later I received a letter saying that he had turned in his Sierra Club card and was now the vice president of an organization manufacturing pre-cut log homes.

That was my one and only success in converting a lost soul from the very ranks of the infidels. But it proves it can be done. Take up your paint guns and charge the barbaric hordes! ♪

Harry V. Wiant, Jr
(No affiliation given to protect the reputation of my employer)

**QUALITY
EVERGREENS & HARDWOODS**

NEW VARIETIES NOW AVAILABLE!

Pine: Scotch, Austrian, Red, White, Ponderosa, Japanese Black, Mugho, Lodgepole

Spruce: Blue, White, Norway, Black Hills, Serbian

Hemlock: Canadian

Fir: Balsam, Concolor, Fraser, Douglas, Canaan

Birch: European, Gray, Japanese, Paper, River, Allegheny

Oak: White, Pin Red, Black, Scarlet

Maple: Silver, Norway, Sugar, Red

Locust: Black, Honey, Bristly

WRITE FOR OUR PRICE LIST • P.O. BOX 340

Musser Forests inc.	DEPT 85A	Indiana, PA 15701 412-465-5685
--------------------------------	-------------	--------------------------------------

Plateau Chapter "Walks In The Forest"

By Howard Wurzbacher, Secretary/Treasurer

Dave Andrus, Bob Bauer, and Howard Wurzbacher of the Plateau Chapter led over 50 fourth grade students from the Pleasantville Elementary School through a walk in the Oil Creek State Park, October 20, 1995.

If excitement and constant questioning of students can be considered a relative measure of success of any "walk," this one rates a highly successful mark. A wide range of topics were discussed and illustrated along the route: tree and shrub identification differences, wildlife and habitat, wetlands and their values, recreational uses, and the management of the forest for these, as well as the production of lumber and paper products.

The well planned event, part of the National SAF "Walk in the Forest" program, fit well into recent Chapter discussions focusing on the need for more efforts to "spread the word" about the benefits of proper forest management — even, and perhaps especially, at this elementary grade level.



Walk in the Forest
Society of American Foresters

Plateau Meeting Highlights

The Plateau Chapter attracted 34 members for the December 7, 1995 fall meeting at the Deer Head Inn near Spring Creek.

Chris Nowak presented the program on "Shortening Hardwood Rotations," reviewing the plans of some forest products companies applying research results in pre-commercial stand treatments with fertilization to shorten rotations. In the business meeting, Dave Andrus reported on the activities of the Best Management Practices Fact Sheet Committee; Andrus, Dave Fitzgerald, Paul McGuinness, Chris Nowak, Susan Stout, and Bob White will be producing fact sheets on a variety of topics for distribution to landowners, loggers, and others. Paul McGuinness will be involved in coordinating a wetlands identification and operations workshop in January or February.

Sandy Smith gave an update on the Sandy Cochran Memorial Fund, and Chair Doug Ostergard reviewed the recent National, Society, and State Division SAF election results. The next Plateau Chapter meeting is scheduled for February 8, 1996 at the Coal Oil Johnny's restaurant in Pleasantville, PA. ♣

INTRODUCING

MycorTree

MYCORRHIZAE ROOT DIP

25 years of USDA
research proves that
mycorrhizae improves:

Stem and root growth
Survival rate
Disease resistance
Drought tolerance

Formulas for 99%
of all trees and shrubs

Call today for information
on *MycorTree* and our other
seedling survival products.

TREE PRO Tree Protectors
WEED PRO Weed Mat
NUTRI PRO Time Released Fertilizer
SOIL PRO Anti Compaction Formula

800-875-8071

TREE PRO

3180 W 250 N
W. Lafayette, IN 47906



BETTER FOREST TREE SEEDS

EDGAR H. PALPANT
Consulting Forester

"If a better system is thine, impart it;
if not, make use of mine." Horace (65-8BC)

Operations:
Pal Lane
Mc Alevys Fort, PA



Mailing:
R.D. #1, Box 709
Petersburg, PA 16669
Phone: 814-667-5088
Fax: 814-667-5089

BETTER TREES - THROUGH BETTER SEED - THROUGH RESEARCH
Specializing in Christmas Tree Management

Northern Hardwoods Chapter Meets, Honors, and Elects

By Donald Nibert



Donald Nibert presents the 50-year "Golden Membership" certificate to Jack Paulhamus, while Dr. James Grace (L) looks on

In the midst of an early winter/late fall snow storm, the Northern Hardwoods SAF Chapter met at the Potato City Inn near Coudersport, PA — 29 hardy souls made the meeting. **Dr. Jim Grace**, State Forester, Bureau of Forestry, Harrisburg, was the speaker for the evening. He discussed the Bureau of Forestry's mission in the new Department of Conservation and Natural Resources (DCNR). Stewardship, Partnerships and Service, the three guiding principles of DCNR in general will guide the Bureau in its management of the forest resources, be it realistic harvesting levels and regeneration of stands or the many recreational opportunities on State Forest Lands.

Jack Paulhamus, retired District Forester of the Bureau of Forestry was presented with a 50-year "Golden Membership" Award at the meeting. Jack continues to live in the Renovo, PA area and is still professionally involved.

Elections were held for the new Chapter officers: **Ned Karger**, Kane Hardwoods, was elected Vice-Chair to serve with Chair **Dr. Dennis Ringling**, PA College of Technology Professor; and **Steve Wingate**, U.S. Forest Service NE Forest Experiment Station, was elected Secretary/Treasurer. †

Congratulations to newly elected SAF Fellow Clay Smith!

As we know, this peer recognition is by election and honors members for rendering and continue to render outstanding professional service to forestry.

MD Forests Association Recognizes Members

By Karin E. Miller

At the 1995 Annual meeting of the Maryland Forests Association (MFA) in Baltimore, members and program participants were recognized for their contributions to the organization's objectives. Corporate sponsors, Chesapeake Forest Products, the Glatfelter Pulp Wood Company, and Westvaco Corporation were recognized for their financial support; Koch and Bituminous Insurance Companies and Mr. Bill Hollon were presented appreciation awards for their commitment to the Safety Phase of the Maryland Master Logger Program; and newly-elected president Ed Yates presented a gift to outgoing president Peter Miller, who in turn recognized his executive committee for their support.

Other internal awards included: President's Award to Donald Glatfelty, Jr.; Most Valuable Player to Ernie Metz; Outstanding Service to Broadwater Logging of Swanton; Forest Advocate of the Year to Ron Stemple; Host of the Year to Edrich Lumber; Best Supporting Member to Dave Chessler; "Eye on Annapolis" to Legislative Committee Chair Tom Tyler; Environmental Educator of the Year to Bernie Zlomek; Master Logger Program Coordinator to Daniel Rider; and Master Logger Program Advocate to Don White.

Arthur Egolf of Eglof Forest Harvesting, Inc. on the Eastern Shore of Maryland was named MFA 1996 Logger of the Year. One of the first loggers throughout the state to complete the Master Loggers Program, Mr. Egolf received the Association's most prestigious award for his commitment to the environment and his self-reliant, honest, hard-working nature. He was presented with a Crosscut plaque and a Poulon chain saw donated by J.P. Fuller, Inc. of Glen Burnie.



Four of the new Master Loggers recently honored by MFA (L-R): Mark Clark, of Pyramid Timber Co., Frostburg; Tim Smith, of The Mill, Bel Air; Donald Glatfelty, of Glatfelty Lumber Co., Oakland; and Ed Yates of B.Y. Lumber, White Plains

Fifty-two other loggers from throughout the state were honored for being the first to complete the new MD Master Logger Program. The program is a cooperative effort of the MFA, the Eastern Shore Resource Conservation and Development Council, and the Maryland Forest Service. Honorees completed more than 20 hours of training in safety awareness, CPR and standard first aid, and forest management and aesthetics. The training also requires a commitment by the logger of approximately eight hours of continuing education each year. †

Czech Forestry Students Visit Pennsylvania on U.S. Tour

By Donald Nibert, Asst. Professor, Penn College of Technology



Zdenek Hnat, and Jaromir Fic examine the butt log of a black cherry tree at the Penn College Forest in Williamsport, PA

Five graduate students from the Mendel University of Agriculture and Forestry in Brno, Czech Republic, **Jaromir Fic, Zdenek Hnat, Eduard Koncek, Jan Micaneck, and Jaroslav Tymrak**, recently visited Pennsylvania on their 10-month forestry tour of the United States. SAF members from several of the PA Division/Chapters served as hosts and tour guides during their three day stay — the Northern Hardwoods, Rothrock, Keystone, and Valley Forge Chapters. Their tour is being financed by private citizens and industries in the Czech Republic.

The objectives of their tour, titled, "Forests of North America 95-96," are to: (1) study forest policy and legislation effecting forest management; (2) increase their knowledge of forest tree-seedling nursery management and production, tree breeding and seed production for possible incorporation into their practices; (3) photo-document forest practices in various forest regions; (4) establish close personal contacts within forestry organizations for exchanges; and (5) evaluate tree species for potential introduction into the Czech Republic.

The separation of Czechoslovakia from the former U.S.S.R., and the sub-division of the country into two republics has resulted in drastic changes in forest land ownership patterns. Whereas the state previously owned 100% of the forest land, approximately

40% is now privately owned, with about 60% expected to be in private ownership in the near future. Questions concerning the role of state government in forest land reverting to private ownership is being examined carefully. Presently, each acre, whether in state or private ownership, must be strictly managed accordingly to a government approved management plan. The students had difficulty understanding a system of private ownership with limited governmental controls. They questioned the ability of such a system to maintain quality forests.

The group visited the Pennsylvania College of Technology and discussed with **Don Nibert** the legal provisions regulating forest management in the State. Meanwhile, Penn College students repaired the brakes and steering mechanism on the van that they had purchased in New York City on their arrival in the U.S. The visiting students were served a gourmet meal prepared by the College's culinary students. Don and his wife Donna hosted them in their home (the hot tub was quite an evening attraction).

Wally Haulik, Assistant State Forester in the PA Bureau of Forestry, provided a tour of the Harrisburg office and explained the State organization's structure, and how the Stewardship and Service Forestry Programs assist in the management of private ownerships.

At the Penn State School of Forest Resources, **Jim Finley**, Penn State Extension, discussed with the students private land owners rights, the role of government in forest management decisions on private land, township ordinances, and the effect of the deer herd on regeneration. **Alex Day**, Program Manager in Forest Advisory Services of the PA Bureau of Forestry, conducted a tour of the Penn Forest Tree Seedling Nursery, discussing nursery management practices — seed orchard, seed and seed bed production and handling. The Czech students also visited the Alan Seeger Natural Area, viewing the stand of virgin Eastern white pine, hemlock, and yellow poplar.

Following a tour by **David Welch** of the U.S. Forest Service Northeast Forest Experiment Station at Radnor, PA, the students planned to stay in the Washington DC area for awhile, and then travel to the University of Kentucky for a three-day program.

The openness, generosity and warm hospitality shown these young men during their visit to Penn's Woods is a fine example of the comradery which exists among all of us who work with and have a common respect for the stewardship of forest land resources. Thanks to all. ♠



Jan Micaneck and Jaroslav Tymrak share fellowship with New England SAF Chair Max McCormack, Jr. at the 1995 National Convention

A Fellow Forester

By Marjory G. Blubaugh,
Archivist Emeritus, Penn State Mt. Alto

The name Heintzleman has been prominent in the Franklin County area of Pennsylvania from well before the Civil War — for a number of reasons. The one member of that family many in the Allegheny Society of American Foresters may remember is B. Frank Heintzleman, one of the earliest graduates (1907) of the Pennsylvania State Forest Academy/School (PSFA). He left PSFA with his Bachelor of Forestry degree and went on to Yale for his Masters, in 1910.

From that time, he only visited his family in Pennsylvania, but spent his entire career in western United States. From July 1910 to 1918 he was in the United States Forest Service (USFS) in Washington and Oregon, then transferred to the Alaska Branch of the USFS at Ketchikan. His main duties were in connection with war time lumber production. In 1921 when the new Forest Service region for Alaska was formed, he moved to Juneau where he served in a number of positions before being appointed Regional Forester in 1937. As Regional Forester, he was in charge of 20,000,000 acres of national forest lands; most of it adjacent to small cities and towns. He fostered community expansion into undeveloped lands. Part of his work was laying out home sites and building highways and secondary roads to accommodate this land development. As well, he planned recreation centers, picnic grounds, rifle ranges, ski courses, all as public recreational areas. An ex-officio commissioner for the United States Department of Agriculture from 1937 to 1953, he gave general direction to agricultural research and other department work.

Heintzleman was a prime apostle of industrial development of Alaska, campaigning the greater part of his life for that development. By 1953, he had spent 30 years in the Northwest, and according to his niece (who still lives in Fayetteville, PA) was getting ready to retire. Recall, the times. Alaska was moving towards statehood.



B. Frank Heintzleman
1888-1965

There were three prominent candidates for the governorship of Alaska, two of them had strong political ties to Senators and Governors of the other 48 states; an Anchorage news dispatch to the New York Times painted the third candidate, Heintzleman, as the "dark horse" candidate. Former President Eisenhower - who as a cavalry man knew his horses - chose the man with the depth of experience and knowledge of the land. On March 16, 1953, he appointed Frank Heintzleman the first governor of the State of Alaska!

His list of accomplishments are endless; his personal outreach literally touched everyone in the state: raising funds for a memorial public library, Co-Director of a project to repair the Russian Orthodox Cathedral, Chairman of the March of Dimes, member of the Board of Regents of the University of Alaska, adviser to the Alaska International Rail and Highway Commission, drafter of 50-year supply contracts for large scale pulpwood harvests on the National Forest Lands, to list a few.

Sufficient to say, he was honored as "Outstanding Alaskan" and "Man of the Year" by the Chamber of Commerce and service clubs, received the Distinguished Service Medal from the U.S. Secretary of the Interior, and one most familiar to SAF members: the Sir William Schlich Memorial Medal,

recognizing broad and outstanding contributions to forestry with emphasis on policy and national and international activities.

One article reporting his contributions ended, "... for expediting the progress of tourism, recreation, hydropower, mining, conservation of resources, business, transportation, laws, education and culture, he earned the title: Alaska's Ambassador at Large." Well put!

Mr. Heintzleman never married. He died in Alaska in 1965. One of his brothers (he came from a family of eight) was in the U.S. Diplomatic Service for 35 years as Vice-Counsel and then Consul-General in China and Canada.

Anyone knowing of Heintzleman's contribution to mankind has to be awed. Pennsylvanians can take pride in knowing of such an illustrious native son; fellow foresters in admiring his professional performance; and graduates of PSFS (now Penn State Mont Alto) take pride in a fellow alumnus. ♠

Allegheny at the 1995 "Fun Run"

Six hardy souls from the Allegheny SAF participated in the "Fun Run" at the recent National SAF Convention in Portland, Maine. Most of them would be out running before any meeting anyhow, but this was a chance to match their speed and stamina against that of SAF members from around the States - in their respective age categories.

Orange tee shirts were the dress for the 7:00 AM, 5K fun competition on October 31, 1995. Finish times were listed in order of decreasing speed for all age classes together: PA - Steve Jones 21:19, PA - Megan Baruch 23:23, PA - Jim Finley 24:17, NJ - Mark Vodak 26:14, PA - Shorina Broussard 26:43, and MD - Alberto Goetzl 32:19.

The winner of the "Fun Walk" competition, Cindy Wilcox of Berea, Kentucky, finished with a time of 24:22 — with all due respect for the above runners' times, the walkers did have a different course! ♠

Deer in Gettysburg and Eisenhower National Parks

By Jack Winieski, Editor

At the **Keystone SAF Chapter** meeting in Gettysburg on December 6, 1995, some 35 members and student members heard **Bert Frost**, Wildlife Biologist with the National Park Service, explain problems presented by the excess deer herd on the Gettysburg and Eisenhower National Parks. Accepted PA Game Commission inventory methods place the herd at greater than 100 deer per square mile!

The Park Service is charged by the legislature to preserve the natural, historical, and cultural resources within the parks, and provide for the availability of those resources for the study and enjoyment of future generations. The characteristics of the wheat and corn fields, the peach orchard, and woodlots on the site of the July 1-3, 1863 battle are impossible to maintain under these deer populations. Grain crops in fields leased to local farmers are destroyed; peach orchard trees are girdled by rubbings during the rut; and ground cover and tree reproduction in woodlots is non-existent.

A comprehensive impact study of the situation led to an evaluation of alternative methods to bring the deer herd more in line with the carrying capacity of the area — about 20 deer per square mile. Direct reduction of the population by shooting over several years was chosen over exclusion fencing, trap-and-transfer, and contraception.

Local and national groups of animal rights organizations

have been well versed on the reduction plan, and have been invited to observe all phases of the operation. Controlled shooting of antlerless reproductive deer with rifled shotgun slugs is being conducted by park employees.

The 1995-96 goal is to harvest 400 deer on park lands. During the PA three-day 1995 doe season, attempts were made to drive the deer off park property, allowing holders of Adams County permits the opportunity to fill their tickets. Δ



Merl Waltz (l), Keystone Chapter Chair, and Wildlife Biologist **Bert Frost** examine the impact study relating to deer management at the Gettysburg National Park

The Allegheny Society of American Foresters Winter Meeting March 20, 21 and 22, 1996 - Ocean City, Maryland

Theme: "Sustainability of the Forest Resource"

Prominent speakers will address this theme from a variety of perspectives:

Jack Ward Thomas, Chief, USDA Forest Service

John Heissenbuttel, Assistant Vice-President, Private Forestry, AF&PA

Bill Maxey, State Forester West Virginia, President-Elect NASF 1996

R. Scot Wallinger, Chief of Land Management, Westvaco Corporation

Harry Wiant, Professor of Forestry, WVU, 1995 SAF Vice-Presidential Candidate

Lanny Autrie, President, Association of Consulting Foresters

Gregory Applet, Forest, The Wilderness Society

Larry Biles, Forestry Extension Program Leader, USDA Extension (Moderator)

Special field tour will include several sites first visited at 1970 Allegheny SAF Summer Meeting

Meeting Location: Ocean City Sheraton Fontainebleau

Featuring special room rates of **only \$48** for SAF!!

Also featured will be an Ethics Workshop by Bill Banzhaf, Executive Director, Student Quiz Bowl, Awards Banquet, and all the usual winter meeting special events! CFE Credits will be assigned.

Look for registration materials to arrive via First Class US Mail soon!

Pennsylvania Deer Management Update

By Susan Stout, Project Leader, NE Forest Experiment Station, Warren, PA

What's the status of deer management in Pennsylvania?

Last year, the management of white-tailed deer in the Commonwealth was a hot topic. The Pennsylvania Game Commission held nine public hearings across the state, all attended by literally hundreds of citizens. Members of the Pennsylvania Division, Society of American Foresters Deer-Forest-Farm Committee were urged to present testimony at the meetings in their area or to write the Commissioners urging them to stay the course, and maintain antlerless license allocations at a level that would achieve deer density targets in all Pennsylvania counties as soon as possible.

At their April hearing, the Commissioners considered five different allocation scenarios. They ranged from the allocation proposed by the Game Commission's own wildlife biology staff for about 750,000 antlerless allocations statewide, to an allocation strategy that the Commissioners named the "Non-Scientific Consensus" for about 580,000 antlerless licenses. They chose an alternative that was expected to keep the deer population stable — at a statewide average near 50% above recommended densities! So about 660,000 antlerless licenses were issued for 1995.

In short, after ten years of active effort towards reaching state-wide deer density goals, established on a county by county basis, the Game Commission reduced its allocation of antlerless licenses statewide for the 1995 hunting season.

There is little information available about what the Commissioners might be inclined to do in 1996. Public hearings will be held in Harrisburg on January 21-22 to establish general season and bag limits, and on April 15-16 to set antlerless allocations for 1996. At last year's hearings, some sources suggested

that the Commissioners' mail was about evenly divided between interests who support the targets the Game Commission has established, and interests who believe that there are too few deer in the State. It was mainly the "too few deer" interests who apparently communicated more effectively with the Legislature and the Governor in 1995; there was considerable pressure on the Commissioners from legislators speaking on behalf of constituents who believe that there are too few deer.

Since decisions leading to the 1996 antlerless deer license allocations will be made in these early winter months, any communication with legislators, commissioners and Governor Ridge in support of recommended goals, should be made by April.

Finding an ecologically and politically viable solution to the on-going controversy about deer management in Pennsylvania is a significant challenge. Deer population dynamics, variabilities in hunting pressure, amount of forage produced on a particular habitat over time, and the sensitivity of plants to deer browsing, and animals to habitat change, all mean that there will never be a one-size fits all solution.

Shifting to more ecologically than politically determined management units is a likely first step -- one proposed in several of the testimonies at the 1995 hearings.

There will be some new interests speaking out about the management of deer in Pennsylvania in 1996. At a December 7, 1995 meeting of the **Forest Issues Working Group**, an informal coalition of individuals and groups concerned about sustaining Pennsylvania's forests, support was

voiced for the current deer management program of the Game Commission to achieve recommended deer density targets in all counties. The Working Group supports efforts to reach a statewide average deer density of 21 deer per square mile, down from the current 29 per square mile. In places like Heart's Content on the Allegheny National Forest, where deer densities have recently reached the goal set by the Game Commission, native hobble bush, white pine, and hemlock can be found where only fern and heavily browsed beech sprouts formerly dominated the understory.

Research in Pennsylvania by the US Forest Service and Penn State has shown that high densities of deer affect many elements of the forest. As deer densities increase, the number of plant and other wildlife species decrease: the proportion of the forest floor vegetation represented by wildflowers decreases while the proportions of ferns increases, the number of birds and bird species that nest or feed in intermediate canopies is greatly reduced, and deer consumption of acorns and seedlings has a dramatic impact on forest renewal processes after regeneration harvests in oak forest types.

Dave deCalesta, a research wildlife biologist for the United States Forest Service, shared results from a ten-year study in which deer were maintained inside fences in managed forests at four different densities, ranging from 10 to 64 deer per square mile. Among tree species, as deer density increased, the number of species and the size and abundance of seedlings on the forest floor decreased. DeCalesta showed that in these areas, deer prevented tree seedlings from growing up to fill in that canopy layer, reducing habitat for bird species like the indigo bunting and the yellow-billed cuckoo. ♠

For more information relating to deer density impacts on forest elements, write the US Forest Sciences Laboratory, P.O. Box 928, Warren, PA 16365, e-mail fsl@penn.com, or call (814) 563-1040.

Keystone Chapter Officers Elected

New officers of the Keystone SAF for 1996-97 elected at their recent meeting are: Chair - **Merl Waltz**, Vice-Chair - **Charles Brown**; Secretary/Treasurer - **John Bearer**, Executive Committee - **Mike Kusko**, **Scott Kurtzman**, and **Craig Houghton**. ▲

National SAF Selects New Communications Manager

The candidate search team of **Greg Smith**, **Carol McKernon**, **Tim Farnham**, and **Amy Eades** (with the additional input from **Bill Banzhaf**) has selected **Jim Canavan** as the new Communications Manager at the national office. As Communications Manager, Jim will be responsible for the oversight and implementation of the communications operational plan, acting as liaison to the Communications Committee and managing the communications budget.

He joins the SAF from the USDA Forest Service in Cooperative Forestry, having served the past ten years as National Program Leader for forestry cost-share programs for nonindustrial private forest lands. In that position he was responsible for preparing news releases and briefings on key issues for the Chief and USDA Under Secretary.

Starting full-time in mid-January, he will add 26 years of experience in communications, writing, public speaking, and networking to the national staff. ▲

Mark your calendar for the
Allegheny SAF Winter Meeting
March 20-22, 1996
Ocean City, MD

Registration materials
will be mailed shortly!

Fire Prevention Now A Three-Way Partnership

By *Anthony D. Santoli, District Forester
PA DCNR, Bureau of Forestry*

Pennsylvania's wildfire protection organization now has a significant fire prevention tool with the passage of HB 292. Signed into law by Governor Tom Ridge on October 24, 1995, this bill provides for the "imposition of temporary county-wide burn bans under certain circumstances; and providing penalties for violations." State Rep. Edward Staback of Lackawanna County introduced the bill during the 1995 session of the State Legislature.

The bill provides for the imposition of a burn ban by the governing body of any county of the second through eight class — including home rule counties — upon recommendation or request by the PA DCNR District Forester, along with the concurrence of 10 fire chiefs or 50% of the fire chiefs (whichever is less) in a county citing a need for a ban on open burning. This fire prevention partnership involves the District Forester, local fire chiefs, and the county governing body.

The ban on open burning, if imposed, will remain in effect in the particular county for 30 days. Upon recommendation from the District Forester, the county's governing body can extend the ban for another 30 days.

A person convicted of violation of the act commits a summary offense and can be sentenced to pay a fine of \$100 for the first offense, \$200 for the second offense and \$300 for the third offense.

The legislation received wide support in both the State House and Senate, and comes at a time when the wildland interface situation is building dramatically throughout most of Pennsylvania. It is hoped that this legislation will aid in the reduction of one of the two top causes of wildfires in the State, debris burning; the other major wildfire cause is arson. ▲



*Copies of the bill can be obtained from:
A.D. Santoli, DCNR - Forestry,
101 Penn Avenue, Scranton, PA 18503*

The best prices, most durability, widest choices.



Eco-Spot Aerosol Marking Paint

- * Lowest prices available in the market.
- * Bright colors can be seen from a distance.
- * Choice of close-in or far-off marking nozzles.
- * Greater coverage means more marks per can.
- * Superior marking in wet or cold weather.
- * New fluorescent colors increase visibility.
- * Call us toll-free for information or ordering.

* ORDER TODAY!  

Nelson Paint Company



Kingsford, Michigan 49802
P.O. Box 2040
Toll Free 1-800-236-9278
Fax 1-906-774-4264

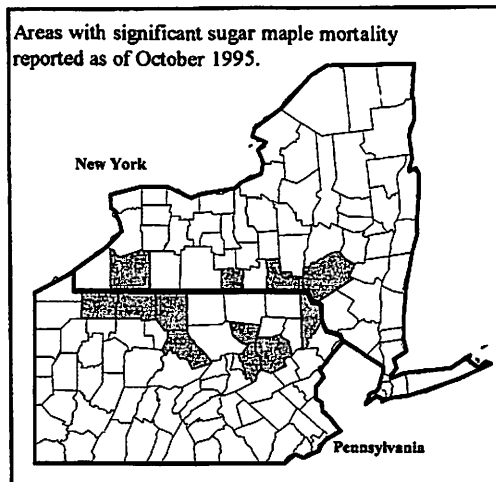
Montgomery, Alabama 36108
P.O. Box 9329
Toll Free 1-800-443-1750
Fax 1-334-834-6397

McMinnville, Oregon 97128
P.O. Box 402
Toll Free 1-800-869-2629
Fax 1-503-472-4275

Forest Health Highlights: Maple Mortality

By Daniel B. Twardus, Forest Health Specialist, USDA Forest Service

Sugar maple mortality occurred during 1995 in portions of southern New York and northern Pennsylvania. The mortality has been linked to a combination of events. Current estimates of sugar maple mortality average 25-30 percent of the trees within portions of the affected area. Some areas sustained as much as 90 percent sugar maple mortality. In Sullivan County, Pennsylvania, more than 30 percent of the maples are dead on at least 35,000 acres, and 10-30 percent of the maples are dead over an additional 45,000 acres. Surveys continue in other counties.



Insects

During the summer of 1994, an infestation of forest tent caterpillars within this region caused nearly 800,000 acres of defoliation affecting several tree species, predominantly sugar maple. Between 1991 and 1994, the elm spanworm, which defoliates sugar maple, as well as American beech, oaks, and other hardwoods, rose to outbreak proportions throughout an estimated 1.8 million acres in Pennsylvania and New York. Also in 1994, the fall cankerworm defoliated 230,000 acres of oak and maple. During the past nine years, the pear thrips damaged sugar maple foliage across hundreds of thousands of acres. Cherry scallop shell moth, a defoliator of black cherry, began to build in numbers during 1991, and in 1994 defoliated a quarter of a million acres.

Disease

Sugar maples will normally re-foliate after being severely defoliated. However, in 1994, re-foliation did not occur over much of the area due to the presence of a leaf disease. This disease, known as maple anthracnose, affected emerging leaves during July and August of 1994. Much of what would have

been new foliage for defoliated trees became stunted, twisted, and eventually exhibited grayish black lesions characteristic of the disease. This rendered leaves useless as photosynthetic sources for the trees.

An additional negative consequence of the anthracnose infection was that many of the affected trees did not successfully generate winter-hardy buds. The current thinking is that trees sustaining this defoliation/leaf disease combination became depleted in starch reserves and, consequently, exhibited branch dieback and mortality. In fact, during the 1995 growing season, sugar maple mortality was observed over a large portion of northcentral Pennsylvania and southcentral New York.

Drought

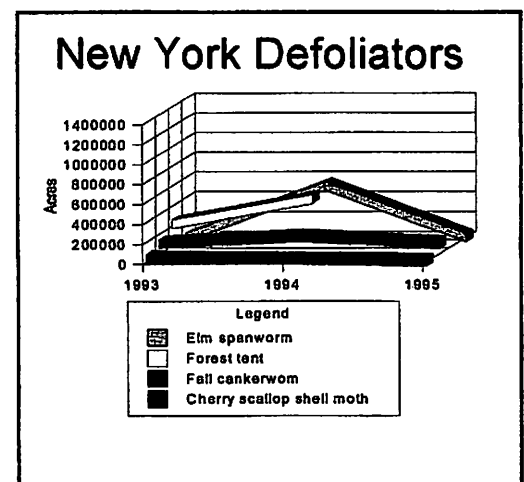
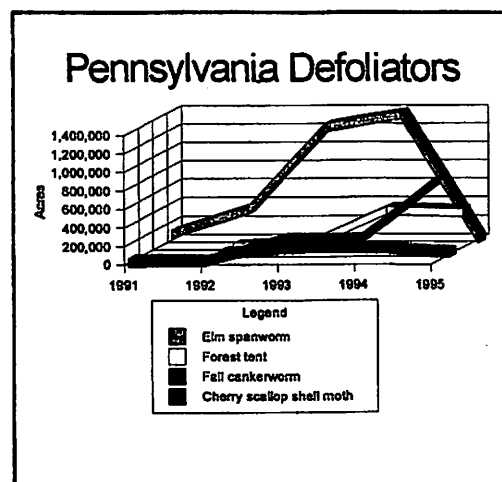
During 1991 and 1995, severe drought conditions within the area added significant additional stress. Rainfall throughout northern Pennsylvania and southern New York averaged 3-11 inches below normal for April to September 1995. The severity of the 1995 drought has undoubtedly contributed to the amount of maple mortality taking place. Compounding the problem in 1995 is the continued presence of beech bark disease causing mortality to American beech within the northern hardwood forest. Black cherry continued to be defoliated by both cherry scallop shell moth and eastern tent caterpillars in 1995.

The total effect is a forest under stress from a variety of sources — insects, diseases, and weather.

Management

During 1994, about 56,000 acres were treated by *B.t.* on the Allegheny National Forest, and 35,000 acres of State forestland were sprayed by the Pennsylvania Bureau of Forestry to prevent continued defoliation by the elm spanworm. In New York 4,400 acres were sprayed by the Seneca Nation of Indians. In 1995, an additional 55,000 acres were treated with *B.t.* on the Allegheny National Forest to prevent continued defoliation by the forest tent caterpillar.

At present, salvage removal of dead maple is recommended. While salvage sales seldom recover the full value of a healthy stand, it is a way to limit losses.



However, even salvage sales are compromised by the rapid colonization of decay fungi which limits the use of the wood. Though salvage removal of dead or declining maple is possible, salvage operations must be conducted in a manner that minimizes wounding of adjacent trees or damage to otherwise healthy root systems.

Complex Interactions

Insects and diseases are only part of an unfolding ecological story in northern Pennsylvania and southern New York. Maples, both sugar and red, have replaced American beech and hemlock as the major component of these northern hardwood forests. This resulted from extensive logging during the turn of the century, management that favored maple, and the arrival of the beech bark disease. Maples now occupy many sites that they historically did not occupy. Additionally, due to rapid and extensive logging during the early part of this century, the maple forest is relatively even-aged.

Maples are affected by a variety of insects and diseases. Serious outbreaks of forest tent caterpillar were reported within the same area during the early 1970s. Some maple mortality occurred after these outbreaks, as well. Sugar maple declines have been reported in Canada, particularly within the province of Quebec, since the 1930s. No single factor has been associated with sugar maple declines in Canada; though insect defoliation, disease, drought, low soil fertility, open winters, and acid rain have been suggested.

Acid Rain

As in Canada, several factors have been associated with decline of sugar maple in Pennsylvania. Insect outbreaks, disease, drought, and past cutting practices have each played a role in the current decline. Additionally, western Pennsylvania receives high levels of acidic deposition. Soil parent materials underlying portions of western Pennsylvania are low in the essential nutrients — calcium and magnesium. Research scientists at the USDA

Outbreak area of the native defoliators—forest tent caterpillar, fall cankerworm, elm spanworm, and cherry scallop shell moth—1994.



Northeastern Forest Experiment Station in Warren, PA, and Delaware, OH, and at Pennsylvania State University are trying to unravel how the interacting factors, including soil chemistry, contribute to maple mortality.

It should be noted that as a component of the hardwood forest, sugar maple extends from Wisconsin to Virginia and north throughout eastern Canada. Within this range, sugar maple in parts of Pennsylvania and extreme southern New York are currently under stress from a variety of factors. The North American Maple Project (NAMP) is a maple health monitoring effort conducted by the USDA Forest Service and the Canadian Forest Service. Plots are established by the Project throughout ten States and four Provinces, and reflect a maple resource in generally good health. And, mortality is within expected natural ranges (about 0.7 percent per year).

While a very serious problem exists within a portion of the geographical range of sugar maple, other areas not impacted by the variety of stressors still have healthy sugar maples. ♠

For more information, contact: Daniel B. Twardus, USDA Forest Service, Forest Health Protection (304) 285-1541; John W. Quimby, PA Dept. of Conservation & Natural Resources, Bureau of Forestry (717) 948-3941; or Michael J. Birmingham, NY Dept. of Environmental Resources, Forest Protection (518) 457-7370.

NJ SAF Active Participant In Roundtable Discussions

By John Benton, NJ Division Chair

Looking ahead to the Seventh American Forest Congress coming up in February, the recently formed New Jersey Forest Resources Council hosted a forestry roundtable meeting on November 17, 1995. The NJ Division SAF was well-represented and provided valuable input into the discussion and formulation process.

Along with the SAF Division, input was provided by the following as well: Cook College/Rutgers, Cooperative Extension, NJ Bureau of Forest Management, NJ Department of Agriculture, NJ Forestry Association, NJ Tree Farm Committee, Soil Conservation Districts, US Forest Service, USDA-NRCS, Sierra Club, Wilderness Society, consulting foresters, and private landowners. The NJ Assistant Director, State Forestry Services, the NJ State Forester, and the NE Regional Extension Forester attended and participated.

A consensus was reached on a vision statement, various principles, and steps to attain them — all of which will be forwarded to the Washington Congress. ♠

Mt. Alto Penn State Appoints New Instructor

By Craig Houghton, Professor Penn State Mt. Alto

Andrew Bartholomay, has been appointed as instructor for the 2Fort program at the Mont Alto Campus. Bartholomay has four year experience working as a survey crew leader, and has just received his M.S. in Forestry at the University of New Hampshire. He will be teaching Surveying and Silviculture starting in the Spring 1996 semester. Mt. Alto now has two UNH grads to run the Forest Academy! ♠

Horse Logging On ANF

By Nancy "Shoe" Schuler, Writer/Editor, Allegheny National Forest



Dutchess, her reins in the hands of LuAnn Mathers, patiently waits her turn to pull another log. Having hauled the log to the "log landing," Dutchess must now back it into place (Photo by Nancy Swanson, Valley Publishing Co.)

Safe Seedlings Grow in Supertube™

"Hungry critters can't touch a seedling in Supertube!"

TREESSENTIALS
COMPANY

Box 7097 • Dept 6 • St Paul, MN 55107

**FREE Booklet—Toll Free
1-800-248-8239**

©1995 Treessentials Company

Gray clouds scuttled overhead, threatening rain. We pulled into Heart's Content Recreation Area, Allegheny National Forest. Dick Rosemier — a forester and operations team leader stationed on the Sheffield Ranger District — met us near the old Wheeler Fire Tower. Dick talked about the walk "back in time" that we were about to take, to an old-fashioned logging scene. The wind swept through the tall trees, wafting a heady scent of fresh-cut red pine.

Dick explained that we'd meet Jim Gillette. Jim had agreed to use his horses to log the Heart's Content area, creating minimum ecological and visual impact.

Small furrows which disturbed the pine needles, sometimes extending to the forest floor but stopping just short of tearing it up, showed the routes of the horses as they dragged the long, thin logs. When at work, the horses each dragged one log along one narrow row, Dick told us.

We continued through the trees, eventually reaching Jim, who introduced us to his Heart's Content neighbors LuAnn and Bill Mathers, who

work with him. He also introduced us to his Belgian horses Duke and Dutchess, easily the biggest, gentlest horses I've ever seen.

At six years old, Duke stands 18 and 1/2 hands high, or about 74 inches at the withers, and weighs about 2,500 pounds. His great height and tawny, muscular appearance give him great dignity, but he's Jim's baby. Dutchess, looking feminine and diminutive compared to Duke, keeps a sharp eye on him and calls to him when he gets out of her sight. After working together all their lives, the horses find it hard learning to work solo at Heart's Content, where the restrictive, linear rows between trees don't permit them to work in tandem.

Jim's dad came to the Heart's Content area in 1927 and established a camp. Jim "learned the woods" back then and has enjoyed them ever since. "Before the plantings, [this part of] Heart's Content was brushy," he said, "with very few trees." In the 1930s, the Civilian Conservation Corps (CCC) planted rows of white pine; in the 1950s, the Forest Service planted most of the red pine Jim's cutting. "I remember when the trees were planted," said Jim. "We had a family reunion here in 1948."

According to his agreement with the Forest Service, Jim must cut the least healthy, least straight, of the trees, leaving areas of daylight for new growth and leaving the best trees standing. Admitting more light and air will create a healthier stand — the objective of this sale. In some areas, he'll clear the slash to improve the appearance of the stand and to permit people to enjoy the serenity of walking the mattress of needles between the long, straight rows of pine. In other areas, he'll leave the slash to discourage walking and to provide cover for wildlife.

Looking down the undeviating rows, we could see dozens of yellow ribbons, their ends moving in the breeze like puppy tails, marking the tall pines waiting for the saw. Jim worked all through the spring of 1995 whenever weather permitted, and began again in the fall.



Six-year-old Duke drags the log, following orders from his master, Jim Gillette. Jim must step lively to avoid being injured by the log (Photo by Nancy Swanson)

“Environmental issues are here to stay,” says Jim. Those of us in the industry will just have to adjust. I see a future for horse logging.”

He really wanted to continue cutting through the summer, creating a living educational program for kids and a showcase demonstration for adults. The program would demonstrate logging practices of past decades, show the benefits of logging, and demonstrate low-impact cutting. Although agreeing that the idea had much merit, the Forest Service had to discard it as a viable option because of concerns about visitor

safety and the possible spread of a pine-damaging beetle.

Jim plans to build some log cabins, but most of the logs will go to a particle board plant.

As he turned to begin again with his work, the big horses perked up, anxious to get on with the game. He hooked up a single red pine log to a chain and bar affair behind the horse and picked up the reins. “Duke, come up,” he called, and the horse put his chest and back into the job of getting the felled pine log — probably 50 feet long — into motion. He stepped

quickly, raising his huge feet high, moving briskly through the woods with great enthusiasm. Duke obviously loves work as much as his master does.

Jim treats Duke and Dutchess like his children, according to Bill and LuAnn. He won’t work them in bad weather, not even in the rain. “I don’t do fairs with the horses, but I’d like to,” says Jim. “Not many get as big as Duke; I’m proud of him.”

Jim loves to go Christmas caroling, traveling by horse-drawn sleigh or wagon with a happy gang of friends and relatives. ♠



Dutchess backs up toward the log to be hooked up (Photo by Nancy Swanson, Valley Publishing Co.)

Facts That May Surprise You

Marketing professionals know that they need to do research to know what customers want. Fred Newell, wiring in the Arthur Anderson Retailing Issues Letter, has this suggestion for marketing: Remember that people born after you aren’t reacting the same way you are to many things:

22% of customers don’t remember the American Bicentennial Celebration

50% are too young to remember the Kennedy assassination

66% are not old enough to remember the Korean War

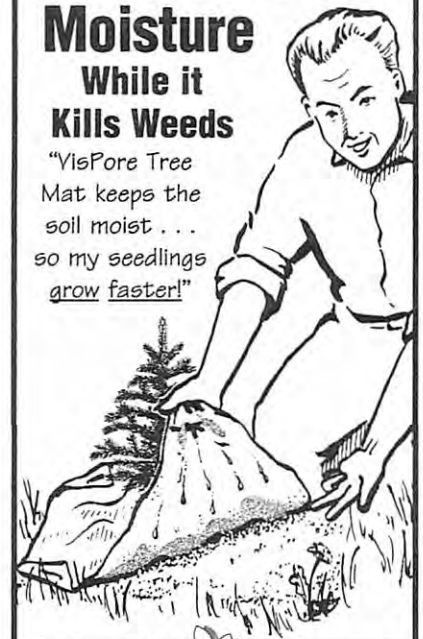
70% don’t remember “before TV”

The point? Customers are changing, and people who want to serve them have to change, too. ♠

Extracted from the September issue of the newsletter published by the Hardwood Manufacturers Association. Ed.

VisPore® Retains Moisture While it Kills Weeds

“VisPore Tree Mat keeps the soil moist . . . so my seedlings grow faster!”



TREESSENTIALS
COMPANY

Box 7097 • Dept 6 • St Paul, MN 55107

FREE Booklet—Toll Free

1-800-248-8239

©1995 Treessentials Company

Journal of Forestry

1996 Editorial Calendar

January	Reinventing Government: The Effect on Natural Resources How changes in funding, personnel, and policies affect the practice and business of forestry.
February	Who Owns the Forest? Balancing the needs and interests of forest inhabitants, users, and owners.
March	Tomorrows Foresters Speak Out Perspectives on forestry and forestry education by educators and students.
April	Environmental Forestry: Changing Trends and Practices An update on policies pertaining to endangered species, water and air quality, and forest certification.
May	Forests: The Shared Vision Working together to resolve conflicts in natural resource use and management.
June	Choosing Technology: A Review of the Marketplace From GIS to fire suppression — how to select the most appropriate equipment and technology for your needs.
July	Loggers and Logging: Forestry's Visible Front Line The role of harvesting technology, logger safety, and professional cooperation in forest management.
August	Forest Health and Productivity Contemporary research in genetics, physiology, soil science and stand management.
September	Wood and Wood Products: Worldwide Supply and Demand Current trends and future expectations of raw and recycled wood product availability and consumption.
October	Beyond Our Borders: Forestry in the Americas and the Pacific Rim The effect of human and resource migration on forest policy, practice and economics.
November	Biodiversity: What Does It Mean in Forestry? Exploring cultural and philosophical diversity within the profession, the workplace, and SAF.
December	Biometrics: Growth and Yield Modeling Forest management tools from the quantitative sciences.

Forestry Related Position Wanted:

Offering experience, maturity, work ethic and people skills. Eight years in landscaping, urban forestry, some timber cruising and marking; 17 years in various sales positions. B.S. Forest Watershed Management, Utah State University. Please contact Ray Stiteler, 901 Forbes Rd, Carlisle, PA 17013. Call (717) 243-8619.

Seventh American Forest "Citizens" Congress

The years 1882, 1905, 1946, 1953, 1963, and 1975 can be viewed as benchmark years in the history of American forests and forestry. 1996 will be another historical date, as citizens, environmental organizations, and industry representatives will convene on February 21-24 in Washington, DC for the **Seventh American Forestry Congress**. The objective will be to develop a shared vision, a set of principles and recommendations that will ultimately result in policies for our nation's forests.

Historically, the 1882 Congress laid the groundwork for the National Forest System. The second Congress, hosted by President Teddy Roosevelt in 1905, led to the creation of the U.S. Forest Service.

In 1946, forestry leaders met and committed to reforesting acreages harvested to support our role in World War II. Subsequent Congresses introduced "multiple use" and other concepts as management tools as pressures mounted for the increased commodity and non-commodity uses of our forests.

In preparation for the 1996 Congress, preliminary regional "roundtables," representing broad divergent groups and forestry issues, have already met to discuss issues and lay the groundwork for actions that they can support (please see the article on New Jersey SAF participation, on page 15). Outcomes from these roundtables will be further developed in Washington in a similar working format rather than presentations from experts on the state of America's forests.

John C. Gordon, Pinchot Professor of Forestry at Yale University sums up the present need for such a gathering, stating that, "after a decade of gridlock, it's time to engage the American people in a dialogue about our nation's forests. We have a plethora of often conflicting laws, court decisions, and directives. What the Seventh American Forest Congress seeks is a cohesive policy that is environmentally sound and economically viable." ♠

FUTURE NATIONAL SAF CONVENTIONS:

November 9-12, 1996 - Albuquerque, New Mexico
October 4-8, 1997 - Memphis, Tennessee
September 19-23, 1998 - Traverse City, Michigan

UNITED STATES GOVERNMENT MEMORANDUM

DATE: 1 April 92

REPLY TO

ATTN OF: Dick Pellek, REDSO/ESA Natural Resources Advisor

SUBJECT: Trip Report, 15-31 March 92

TO: Fred C. Fischer, D/REDSO/ESA

THRU: Richard J. Edwards, S/REDSO/ESA/ANR

During the period 15-31 March 92, Natural Resources/Policy Advisor (NR/PA) Richard Pellek conducted an extended tour within and outside of the REDSO/ESA region. The first stop on the tour was to the Ruhengeri region of Rwanda where the NR/PA administered the third of a scheduled four part immunization series of injections of selected silverback gorillas which reside in the Volcanos National Park. The objective of THE USAID-sponsored immunization program is to reduce libido levels of adult male silverbacks which have been making amorous advances toward female European tourists who frequent the park.

The NR/PA then continued on the Tanzania for a four-day period of annual leave which commenced with the first-ever barefoot ascent of Mount Kilimanjaro, and which earned him a place in the Guinness Book of Records. Following the descent of Kilimanjaro by hang glider, the NR/PA proceeded by road and airline connections to Stockholm to receive the 1991 Nobel Prize in Chemistry (for pioneering work on a libido-reducing vaccine used in primate behavior, first begun in 1987). Upon return from Stockholm, the NR/PA then continued on by aircraft from Dar-es-Salaam to Malawi to assist USAID/Lilongwe in the eradication of Malawi Wowee, a potent variety of Cannibis sativa which has been causing great embarrassment to the scientific community. Ever since it was introduced into the agroforestry systems of Malawi, the popularity of Cannibis has grown, and has attracted the unwanted attention of agricultural economists because of its 7.5/1 benefit-cost ratio and economic windfall to farmers.

After debriefing the USAID/Lilongwe staff, the NR/PA continued on toward Botswana to conduct and environmental assessment of elephant habitat in the vicinity of Chobe National Park, but was delayed when his chartered airplane crashed. As the only survivor, the NR/PA had a brief encounter with another primate species, namely RENAMO guerillas, who captured the NR/PA in order to relieve him of his possessions. Barefoot again! It took a hasty escape and dead reckoning for three days before the NR/PA emerged from the jungles of Mozambique to cross the border into Botswana.

The NR/PA requests a per diem allowance sufficient to cover miscellaneous expense (new shoes, trousers, etc.) in lieu of hotel receipts during the three days in the jungle.

Richard Pellek, PhD, was featured in an article in the Spring 1995 issue of The Allegheny News, where he answered questions on tropical forestry for his niece, Danielle (and the rest of us!). Anyone in a governmental organization who has had to submit an expense voucher after losing receipts can appreciate the above memo.

Ed.

Coming Events

February

- 7 A Day With Alex Shigo, "A look at tree biology, soil micro-organisms, benefits of a healthy soil, pruning, fertilization, and working with people." Dauphin Co. Agr. & Natural Resources Center near Harrisburg, PA. PA Urban & Community Forestry Council, Bill Elmendorf (814) 863-7941.
- 15-16 WV SAF Division Winter Meeting, "White-tailed Deer and the Forest Ecosystem in West Virginia." Day's Inn, Elkins, WV. Jim Mitchell (304) 924-6266.
- 19-20 Symposium on Non-industrial Private Forests. "Learning From the Past, Prospects for the Future." Sheraton Washington, DC. Mel Baughman (612) 624-0734.
- 21-24 7th American Forest Congress, "...seeking (for our nation's forests) a cohesive policy that environmentally sound and economically viable." William Bentley or Robert Clausi (203) 432-5117.

March

- 3-5 First Biennial Conference on University Education in Natural Resources, University Park, PA. Penn State (814) 865-8301.
- 12 "Pruning Landscape Ornamentals." Cook College, Rutgers Univ., New Brunswick, NJ. (4 CFE hrs.) Claudia Pensak (908) 932-9271.
- 13 Seventy Annual Environmental Issues Conference, Shippensburg University and PA DCNR, "Maintaining Biodiversity: The Essence of Intelligent Thinking." (717) 486-3799.
- 15 **Deadline for articles, photos and ads for the Spring 1996 issue of *The Allegheny News*.**
- 20-22 1996 Allegheny SAF Winter Meeting, "Sustainability of the Forest Resource," Sheraton Fontainebleau, Ocean City, MD.
- 25-26 1996 Conference on Sustainable Development, "... achieving economic development and environmental goals," Penn State/Widener School of Law/PA Dept. of Environmental Protection, Margaret Shaw (717) 948-6505.

June

- 16-19 North American Forest Biology Workshop, Sainte-Foy, Canada (near Quebec City), "Forest Management Impacts on Ecosystem Processes." Pierre Bernier (418) 648-4524.

Allegheny Society of American Foresters Committee Chairs

Auditing*

Ronald J. Sheay
1628 Prospect Street
Trenton, NJ 08638
(h) 609-771-8301

Forest Science Coordinator*

Mike Lester
RR 1, Box 268
Springville, PA 18844-9552
(o) 717-833-3194
(h) 717-965-2752

Awards*

Robert Shipman
209 Twigs Lane
State College, PA 16801
(h) 814-466-6511

Membership*

Mark R. Webb
11021 US Route 6
Union City, PA 16438
814-663-5393

Communications*

Charles J. Newlon
2 Irving Lane
Wallingford, PA 19086
(o) 302-739-5195
(h) 610-872-6019

Nominations*

Mark Vodak
PO Box 231, Cook College
Rutgers University
New Brunswick, NJ 08903
(o) 908-932-8993
(h) 609-758-9449

Continuing Forestry Education Coordinator*

William Kidd, Jr.
104 Jackson Avenue
Morgantown, WV 26505
(h) 304-296-8198

Policy & Legislative (PLAN)*

Timothy A. Kaden
724 Green Winged Trail
Camden, DE 19934
(o) 302-739-4811
(h) 302-697-7066

Forest Health and Productivity (ad hoc)

Kurt W. Gottschalk
USDA Forest Service Lab
180 Canfield Street
Morgantown, WV 26505
(o) 304-285-1598
(h) 412-627-4161

Program*

Stephen Jones
110 Ferguson Building
Penn State University
University Park, PA 16802
(o) 814-863-0401
(h) 814-867-6884

Forest History (ad hoc)

Ronald J. Sheay
1628 Prospect Street
Trenton, NJ 08638
(h) 609-771-8301

Student Coordinating (ad hoc)

Kim C. Steiner
Forest Resources Lab
Penn State University
University Park, PA 16802
(o) 814-865-9351
(h) 814-234-8754

Foresters Fund (ad hoc)

Mike Brown
PO Box 273
Clayton, DE 19938
(o) 302-739-4811
(h) 302-653-4218

Tellers*

Kenneth W. Jolly
1398 Primrose Road
Annapolis, MD 21403
(o) 301-464-3065
(h) 410-626-2845

*Standing Committees

A FREE instruction booklet for the SAF Certified Forester Program is now available from the National Office at (301) 897-8720, ext. 122

Allegheny Society of American Foresters

Officers

Chairman
Timothy A. Kaden
724 Green Winged Trail
Camden, DE 19934
(o) 302-739-3423
(h) 302-697-7066
FAX 302-739-3817

Chairman-Elect
Mark R. Webb
11021 US Route 6
Union City, PA 16438
814-663-5393

Secretary/Treasurer
Susan E. Lacy
1713 Kings Highway
Coatesville, PA 19320
(o) 610-975-4134
(h) 610-383-7144

Past Chairman
Mark C. Vodak
Dept. Natural Resources
PO Box 231 Cook College
Rutgers University
New Brunswick, NJ 08903
(o) 908-932-8993
(h) 609-758-9449

Executive Committee

Kenneth W. Jolly
1398 Primrose Road
Annapolis, MD 21403
(o) 301-464-3065
(h) 410-626-2845

Kim C. Steiner
PO Box 70
Lemont, PA 16851
(o) 814-865-9351
(h) 814-234-8754

Roy A. Siefert
RD 1, Box 56
Austin, PA 16720
(o) 814-274-8474
(h) 814-647-8525

Kurt W. Gottschalk
USDA Forest Service
Forestry Science Lab
180 Canfield Street
Morgantown, WV 26505
(o) 304-285-1598
(h) 412-627-4161

Council Representative

E. Dwight Fielder
1050 N. Stuart Street
Arlington, VA 22201
703-235-2725

Executive Director

Jack Winieski
P.O. Box 699
Dillsburg, PA 17019-0699
717-432-3646; FAX 717-432-3646

Division Chairs

Maryland/Delaware

Anthony DiPaolo
623 Snow Hill Road
Stockton, MD 21864
(o) 410-632-1955
(h) 410-632-0843

New Jersey

Craig Kane
310 Earnest Garton Road
Brigeton, NJ 08302
609-453-8696

Pennsylvania

Kenneth C. Kane
103 Tionesta Avenue
Kane, PA 16735-1236
(o) 814-837-9391
(h) 814-837-8357

West Virginia

Daniel Parker
P.O. Box 289
Danville, WV 25053
(o) 304-369-6030

Chapter Chairs

Keystone

Merl Waltz
2923 Roosevelt Drive
Chambersburg, PA 17201
(o) 717-485-3140
(h) 717-263-2681

Northern Hardwood

Dennis F. Ringling
210 Quarry Road
Muncy, PA 17756
(o) 717-547-1661
(h) 717-546-2194

Pinchot

Mike Lester
RR 1, Box 268
Springville, PA 18844-9552
(o) 717-833-3194
(h) 717-965-2752

Plateau

Doug Ostergard
International Paper Co.
PO Box 72
Grand Valley, PA 16420
(o) 814-484-7575
(h) 814-589-7143

Rothrock

James C. Finley
130 Harvard Road
Port Matilda, PA 16870
(o) 814-863-0401
(h) 814-234-9028

Valley Forge

Billy J. Terry
32 Kimberwyck Lane
Exton, PA 19341
(o) 610-975-4145
(h) 610-524-9373

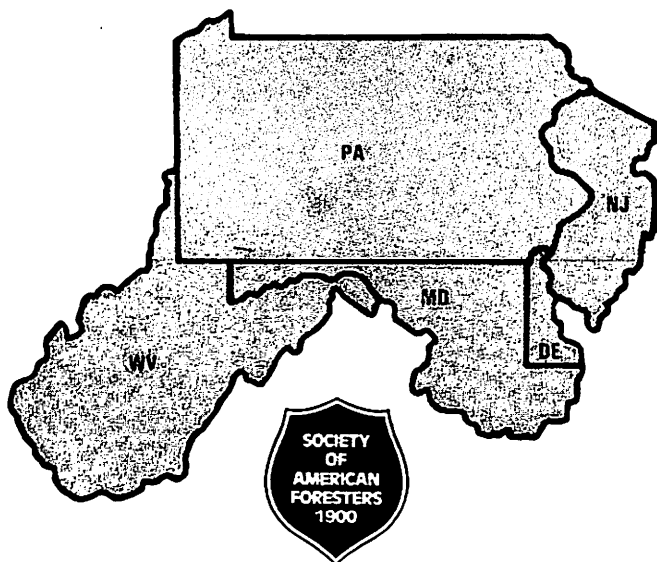
Western Gateway

Pat T. Hill
R.D. #1, Box 357
Champion, PA 15622
(o) 412-455-3401
(h) 412-455-7232

The Allegheny News

Publication of the
Allegheny Society of American Foresters
Jack Wineski, Editor
P.O. Box 699
Dillsburg, PA 17019-0699

NONPROFIT ORG.
U.S. POSTAGE
PAID
HARRISBURG, PA
PERMIT NO. 577



Seventh American Forest Congress

*February 20-24, 1996
Washington, DC*

*"... a shared vision for the
American forests of the next century."*