

The Allegheny News



Allegheny Society of American Foresters
Winter 1993

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The Allegheny News

Volume 2, No. 1

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Editor

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Layout

Catherine Winieski

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**Pay your 1993 dues bill now...
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Cover Photograph

A fledgling Osprey — one of 36 birds successfully hacked at the Tioga, Pennsylvania site since 1990.



A Gem From Richmond!

My observation over the years is that about 10 percent of our membership attend the national conventions. I wish all of you could have joined me at an inventory meeting in Richmond which, unfortunately, attracted only perhaps 40 of the 1600 total attendees (you'd think everyone would be excited about complex growth models, sampling schemes, and the like). Douglas W. MacCleery of the USDA Forest Service presented a paper, What on Earth Have We Done to Our Forests?, which should be required reading for anyone interested in our nation's forests.

You might be surprised to learn, as I was, that until the middle of the 19th Century, next to energy, which had depleted forests around our major cities, the most important use of wood on a volume basis was for fences. "In 1850, there were 3.2 million miles of wooden fences in the U.S. - enough to circle the earth over 120 times." As cross-ties were not treated until about 1900, ties had to be replaced on over 50,000 miles of track annually, requiring in 1900 between 15 and 20 million acres of forestland. In the 60 years from 1850 to 1910, the nation's farmers were clearing forest at an average rate of 13.5 square miles/day!

MacCleery compares conditions in 1900 to today: wildfire consumed 40-50 million acres annually compared to 2-4 million acres (in bad years) today; harvest exceeded growth until 1940, when growth has continually exceeded harvest nationally; and many species of wildlife including deer, turkey, pronghorn antelope, and moose were severely depleted or near extinction then but have increased to problem levels in many areas today.

In his conclusion, MacCleery points out:

"Somewhat ironically, it has been the success of the scientifically based, utilitarian-oriented forest management concepts advocated by Fernow, Pinchot, and other forestry leaders at the turn of the century that has, to a very large degree, provided society with the forest abundance that has allowed it the luxury, unique to only a handful of other nations, of deciding how much of John Muir's brand of forest conservation is appropriate. The fact that this nation now has the resource wealth to consider such choices is itself a clear and positive sign of the success of its past conservation policies."

Members and Views

(continued from page 1)

If you would like a copy of the paper (27 pages) - every forester should have it and give copies to politicians, critics, etc. - write Douglas W. MacCleery, USDA Forest Service, Auditors Bldg., 14th & Independence SW, Washington, DC 20250. We hope to have him participate in one of our Allegheny Society meetings in the near future. You won't want to miss it! Δ

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

In Memory

John E. Michel of Elkton, Maryland, died in late June at the age of 66. A registered professional forester, he had been working as a consultant in Maryland's upper Eastern Shore and nearby states following retirement from a 30-year career as project forester with the Maryland Forest Service.

John began his forestry career following graduation from Purdue University as land acquisition forester with the John Manville Products Corporation in Alabama and later as management forester with the Union Bag-Camp Paper Company in Savannah, Georgia.

He was an active member of SAF for over 40 years, serving on several Allegheny Society committees and holding office as Vice-Chair and Chair of the Maryland-Delaware Division. He was also an active member of the Maryland Forests Association, Maryland Tree Farm Committee, Cecil County (MD) Forest Conservancy Board, and the Delmarva Professional Foresters Association, where he held positions of Vice-President and President.

As scoutmaster in his church-sponsored boy scout troop, as a member and past Grand Knight of the Knights of Columbus, and as a volunteer at the Veterans Hospital at Perry Point, MD, John served many hours in the community. An exemplary career of service to the profession and to society. Δ

Submitted by John C. Bennett, Golts, MD

Welcome New Maryland-Delaware Members:

Michael A. Jones
Robb L. Phillips
Randolph F. Pizzi
Kevin M. McCarthy, Reinstated

Joseph A. Hardy, Sr. Chairs Smokey's Golden Anniversary in PA

The Pennsylvania Forestry Association has announced the appointment of **Joseph A. Hardy, Sr.** as Corporate Chairperson of Pennsylvania's Smokey Bear Golden Anniversary Committee. Hardy is the founder, President and owner of "84" Lumber Co., and owner of Nemaocolin Woodlands Resort in Farmington, PA.

As Corporate Chairperson, Hardy will coordinate corporate support for statewide activities in conjunction with the many planned 50th anniversary celebrations. Many companies and individuals will join forces to make 1993 a memorable year for Smokey - the national symbol for forest fire prevention.

Smokey Bear (no longer Smokey THE Bear) has been an important tool in teaching youngsters, as well as adults, the importance of fire prevention. Ninety-eight percent of all wildfires are caused by careless people, and can be prevented.

Financial contributions to Smokey Bear's Anniversary celebration can be sent to the PA Forestry Association, 56 East Main Street, Mechanicsburg, PA 17055. Δ

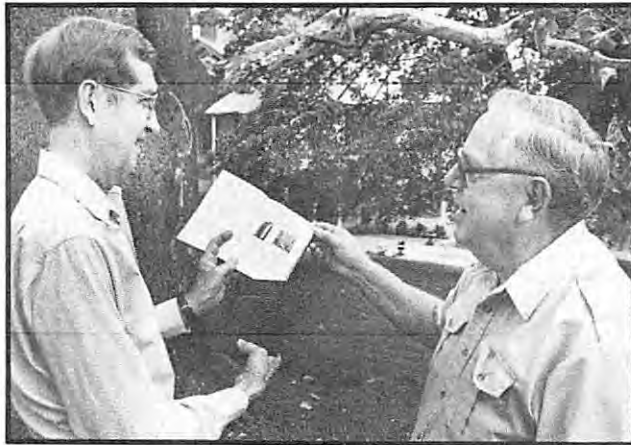
Summer Meeting Abstracts Available

Deer Density Effects on a Forest Ecosystem: A Pennsylvania Story, the results of a 10-year study on the Allegheny Plateau was theme of the Allegheny Section SAF summer meeting. It was well presented both in the afternoon technical session on 9/16 and in the field the following day. The Plateau and Northern Hardwood Chapters and the SAF Deer/Forest Management Committee hosted this very successful presentation.

In response to inquiries from those SAF members and others not able to attend the summer meeting, abstracts of the afternoon technical session, presented by several research scientists conducting the study, are being made available by the U.S.F.S. Forestry Sciences Lab in Warren, PA. Requests should be made to Susan Stout, c/o Forestry Sciences Lab, P.O. Box #928, Warren, PA 16365, or call (814) 563-7587. Δ

Welcome New
PA-Valley Forge Member:
Max W. McFadden, Reinstated

PA Centre County Historical Society Receives Pinchot's Forest Primer



Robert Gruver (left) of the Centre County Historical Society's Board of Governors accepts copies of Pinchot's Forest Primer from Dr. Robert Shipman.

Dr. Robert Shipman, Emeritus Professor of Forestry at Penn State University, presented rare copies of Gifford Pinchot's two-volume Forest Primer to the PA Centre County Historical Society at a recent meeting held at the Centre Furnace Mansion near State College, PA. These forestry books, published in 1905, will be archived by the County Society along with other Pennsylvania heritage acquisitions.

As part of his on-going "Mission Possible" efforts, Dr. Shipman spoke to the Society on the Disappearing and Renewed Forests. The Work of Gifford Pinchot at the September 17, 1992 meeting held at the Mansion. The topic was chosen in connectin with the Centennial celebration of the first practice of professional forestry by Pinchot on the Biltmore estate in North Carolina in 1892. Pinchot's role in State and National conservation movements and the establishment of the Society of American Foresters were covered in the presentation.

The Historical Society has been the recipient of Dr. Shipman's community service as well, most recently as one of the participants in publishing of The Notable Trees of Centre County. In this publication, 44 trees of special age, size and origin are highlighted, among them the 250-year-old sycamore on the grounds of the Centre Furnace Mansion. ▲

Congratulations New SAF Fellows:

James C. Nelson
Richard R. Thorpe



Ron Sheay (left) accepts a Certificate of Appreciation from Mark Vodak, current Committee Chairman of the NJ Tree Farm program, sponsored by the American Forestry Council.

Ron Sheay Receives Award

New Jersey has 178 Tree Farms covering 74,200 acres and 88 Pioneer Tree Farms covering 8390 Acres under the American Forestry Council Tree Farm Program. Recently, **Ron Sheay** with presented with a certificate of appreciation for his efforts in increasing members in the NJ Tree Farm Family during his two-year stint as Tree Farm Committee Chairman, 1990-1992. ▲



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NJ State Forestry Cutbacks Restored

by Dick West

August 27, 1992, New Jersey Commissioner Scott Weiner announced that the proposed cutbacks in the State budget were rescinded, agreement having been reached with the leadership of the State legislature. It was a red-letter day for the forestry community, the State Forestry Services and Parks, hundreds of woodland owners and thousands of citizens who would have been adversely affected by the previously announced drastic budget cuts.

The **New Jersey Forestry Association** was extremely concerned about the cutbacks as outlined in the resolution passed by the Association Board and sent to all members. This same resolution was sent to all State legislators, Governor Florio and Commissioner Weiner. Response from the legislators was appreciable and supportive of the Association position.

Support for reinstatement of proposed budget cuts came from many allied interests, including: The Shade Tree Federation, Soil Conservation Districts, **New Jersey Division and Allegheny Society of American Foresters**, and groups involved in urban forestry, sportsman and game clubs, and of course Forestry Association members. This latter personal effort by members, influencing legislators and representatives, was most heartening - the active involvement speaks of their dedication to the long-range health of the environment and bodes well for New Jersey's future. ♠

See page 7 for registration for the Winter Meeting



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Keystone Coyotes!

by Jack Winieski



PA Game Biologist Arnie Hayden discusses the Eastern coyote with with Mont Alto Forest Technician students: Edith Sandtner, Dirk Weller, Kevin Barkman, and Quinn Shreve.

At the Keystone Chapter meeting in September **Arnie Hayden**, Game Biologist with the PA Game Commission, briefed members on the status of the Eastern coyote in Pennsylvania. In a visually supported presentation, he told the thirty-some in attendance that the coyote is here to stay and expanding its' range - "soon even south-central Pennsylvania will be serenaded with evening howling." It is estimated that the present population in the State is about 10,000, and sightings by game and forestry personnel are quite common in certain areas.

Biologist Hayden expects that the increasing population could affect the deer population in the long run, because they do prey on spring fawns. Deer season is a feast for the coyote, with wounded and unclaimed kills. Most biologists are of the opinion that sheep and cattle kills are rare and result from a few conditioned coyotes; most feed indiscriminately as they range on mice, voles, chipmunks, wood chucks and stray cats.

Four students from the Forest Technician curriculum at Penn State Mont Alto Campus were guests of the Chapter, attending with instructor/members **Jim Hale** and **Ken Swisher**. By the end of the night, they were new members of SAF - being sponsored by the regular members in attendance. ♠

Welcome New Rothrock Chapter Members:

Jere L. Engle, Associate
Matthew J. Keefer, Student
Shawn L. Lehman, Student
Daniel J. McIntyre, Student
Marindann Preston, Student
Karli M. Suders, Student
Lynette S. Wimer, Student

PLT Workshops

Project Learning Tree (PLT), an American Forest Council sponsored National program of Environmental Education for teachers and youth leaders (K-12), is increasingly being offered to elementary education majors enrolled in college curricula. These are called pre-service workshops as opposed to workshops provided for practicing teachers.

In Maryland, **Bernie Zlomek** presented workshops on September 11 & 18, 1992 at Frostburg State University (FSU), co-sponsored by the Maryland Forests Association, the Maryland Association of Conservancy District Boards, and the Department of Natural Resources. One workshop coordinated by **Karin Miller** was sponsored by Garrett Community College (GCC) and attended by 16 FSU and GCC Outdoor Recreation students studying to be naturalists in the MD State Parks and Forests. Karin also coordinated two PLT workshops sponsored by the Garrett County Forestry Board for Garrett County teachers working in grades 3 to 8. Five PLT workshops have been held in Western Maryland since September '92.

In Pennsylvania, 270 senior Elementary Education Majors at Penn State were presented a six-hour PLT workshop on Saturday, November 7, 1992. Eleven pairs of facilitator teams - one forester or resource specialist and one teacher each - in the PA-PLT program conducted the workshops on the campus. **Patti Vathis** and **Dean Steinhart** of the PA Dept. of Education, and **Bob Merrill** and **Dave Gregg** of the D.E.R. Bureau of Forestry coordinated logistics for the day with Penn State faculty. Close to 200 Elementary Education majors at Penn State take the workshop each Fall (mid-semester graduates), and another 200 in the Spring (June graduates). The six-hour PLT workshop is now part of the curriculum for Penn State Elementary Education majors.

PLT workshops are becoming part of the training at most Colleges in the PA State University system (Shippensburg, Millersville, Slippery Rock, Lock Haven, etc.) and some private colleges (Messiah, Wilson, etc.). In total, over 2500 teachers and youth leaders (boy and girl scouts, church camps, etc.) receive PLT workshops each year in Pennsylvania. ♠

You Were Afraid to Ask...

Challenge your leaders with your questions

What do my dues buy?

A portion of the dues we pay to the National office each year is actually State Society, Division, or Chapter dues. For instance, \$10 of that which we send to the National office is Allegheny Society dues; belonging to the West Virginia, New Jersey or Pennsylvania Division is \$1 more of the total dues bill (\$5 more if you are a MD/DE member). And... if you happen to be in a PA Chapter it will cost you another \$1 or \$2. But have no fear, unlike the Federal government, all of it comes back to the local unit of SAF. The National office provides a valuable collection service - think of the fuss, bother and cost trying to collect from your local members if you were the treasurer!

The most significant use of dues in the Allegheny Society are listed on p.9 of the Fall issue of the Allegheny News, (the cost of doing business). Other dues are used for activities at all unit levels, and include awards given at meetings, publication and communication activities, sponsorship of Project Learning Tree, Arbor Day, and other educational efforts. I'm sure you can think of many other local projects supported by your SAF dues money that you voted on at local Division or Chapter meetings.

Did you know that you can pay your SAF dues quarterly - with no added interest. Now that's good news! The billing usually comes due around the Christmas Holiday season, and it may be hard to convince your wife and children that paying dues at this time is a wonderful Christmas present - it does not fit in either "gold, incense or myrrh" categories. Committing to quarterly payments can help ease financial pressures at this time of the year, eliminate duplicate billings, and relieve that nagging feeling that hangs over us, knowing that we should have responded in some way to that first billing. ♠

Have a question concerning the SAF? Contact the Executive Director, Jack Winieski, P.O. Box 699, Dillsburg, PA 17019-0699, (717) 432-3646.



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The Duluth Manifesto

Principles to Guide Decisions on Forests

Three individuals attending a conference in Duluth, MN, decided that there was a need to encourage civil debate over forest policy issues confronting the U.S. Their resulting discussion draft, the *Duluth Manifesto*, was circulated among some forestry leaders across the country resulting in the "Institute for Forest Analysis, Planning, and Policy" of Baltimore, MD convening a two-day meeting in July 1992 to refine the draft. Discussion Draft #3.1 was the result of those two days of vigorous debate - it is not likely to be the last. Comments and additional signers are welcome.

Objective: To articulate and champion principles to ensure the vitality of forests so as to sustain their contributions to the global environment and economy.

Nine Principles are presented in the Discussion Draft #3.1, "Principles to Guide Decisions on Forests,"

1. Humans are part of nature and the forest environment. All forests have been and will continue to be affected by human actions.
2. Forest policies are and must be driven by the broad goals and objectives of an informed society.

3. Healthy forests are essential if the United States is to achieve environmental quality *and* economic vitality.
4. If forests' contributions to meeting human needs are to be sustained, population growth and rising consumption must be addressed *together*.
5. As a consuming country, the U.S. has a responsibility to help developing countries use their resources wisely. The U. S. should export its knowledge, not its environmental problems.
6. Sustaining and renewing forests require the application of the best available science and technology.
7. Landowner rights must be based on responsible stewardship. At the same time, society must exercise its interests with due respect for landowners' rights.
8. Sustainable development means securing current benefits from forests without compromising their ability to meet the needs of future generations.*
9. The public has a stake in decisions that influence the use and condition of forests and should be a partner in decision-making. Strong and confident resource professionals recognize the benefits of collaboration and shared leadership.

Perry R. Hagenstein
William E. Shands
William D. Ticknor
Richard Behan
Hanna J. Cortner

Fred W. Ebel
James W. Giltmier
Lloyd C. Irland
Dennis C. LeMaster
Clark Row
Henry H Webster

*Adapted from Our Common Future, the report of the Brundtland Commission.

This article extracted from The Duluth Manifesto, published by The Institute for Forest Analysis, Planning, and Policy, Box #26171, Baltimore, MD 21210. (The Institute is a non-profit interdisciplinary research organization, established in 1983 to analyze policies and seek solutions to significant problems in natural resources management). ♠

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1993 Winter Meeting

Allegheny Society of American Foresters

Theme: Balancing Emerging Issues

Location: Ramada Hotel, Wilkes-Barre, Pennsylvania (Downtown)

Dates: February 10-12, 1993

Wednesday, February 10

1:00 - 9:00 pm Registration
7:30 - 9:00 pm Icebreaker - Cash Bar & Film Festival

Thursday, February 11

7:00 am Inspirational Breakfast
8:30 - 10:00 am Registration
9:00 am Enjoy, Enjoy - **Manny Gordon**
Welcome - **Hon. Lee A. Naney, Mayor**

Moderator: John H. Bitzer

9:15 am Keynote Address - **Ms. Jane Difley**
9:45 am What on Earth Have We Done to Our
Forests? - **Douglas MacCleery**
10:30 am BREAK
11:00 am New Administration and the
Environment - **Larry Hill**
11:30 am "Vision for the Future" - **W.D. Ticknor**
12:00 Noon LUNCH AT RAMADA INN

Moderator: Richard E. Cary

1:15 pm "Toward a National Forest Policy"
Kenny P. Funderburke, Jr.

Thursday, February 11 (continued)

1:45 pm "Ethics Canon" - **Jim Coufal**
2:30 pm BREAK
3:00 pm Allegheny Business Meeting
6:15 pm Cash Bar - Hospitality Room
7:00 pm Banquet
Congressman Paul E. Kanjorski
"Gifford Pinchot" - **Gary Hines**

Friday, February 12

Moderator: Robert J. LaBar

7:00 am Continental Breakfast (PA Division
Meeting)
9:00 am "Cities, Villages and Towns: A
Sensible Way of Life" - **Tom Hylton**
9:40 am "Timber Harvesting Ordinances"
Steve Thorne
10:25 am BREAK
11:00 am "Tree Health Problems in the Northeast"
Gerald D. Hertel
11:30 am Closing Session
12:00 Noon ADJOURN

4½ CFE Category #1 Credits

The Reginald Forbes Art Contest is open to all members of the Allegheny Society and their immediate family. All forms of art are exhibited including paintings, carvings, photographs, etc. This is an opportunity to display your special talents. If you are going to exhibit your art, please contact Tony Cardwell at (717) 424-3001.

The optional Inspirational Breakfast on Thursday, February 11 will feature a speaker.

At the Continental Breakfast on Friday, February 12, separate arrangements will be made for the PA Division meeting.

Make hotel reservations direct by calling the Ramada Hotel On the Square in Wilkes-Barre at (717) 824-7100.

Registration for 1993 Winter Meeting of SAF:

SAF Members	___	@ \$30.00	\$ _____	I will attend the Inspirational Breakfast on February 11...
Non-Members	___	@ \$45.00	\$ _____	___ Yes ___ No
Students	___	@ \$10.00	\$ _____	
Spouse	___	@ no charge	\$ _____	I will enter an item in the Forbes Art Contest...
Inspirational Breakfast Feb. 11	___	@ \$ 3.50	\$ _____	___ Yes ___ No
Lunch Feb. 11	___	@ \$ 9.70	\$ _____	
Banquet Feb. 11	___	@ \$15.80	\$ _____	
Continental Breakfast Feb. 12	___	@ \$ 3.50	\$ _____	
Total Enclosed			\$ _____	Students attending should contact Tony Cardwell for special rates and information: (717) 424-3001

Name _____

Address _____

City, State, Zip _____

Telephone (_____) _____

Return your Registration no later than 2/1/93 to:

Tony Cardwell
DER - Bureau of Forestry
474 Clearview Lane
Stroudsburg, PA 18360

Make checks payable to: **Pinchot Chapter, SAF**



George Sargent Perry
1889-1946

trips and to fight forest fires. George's horse "Bob" had to be shod four times in 1912 according to diary entries — it was the year that Woodrow Wilson was elected President of the United States; there was no electricity in the dormitory, no radios to hear the news; four months after the fact the diary reads, "heard the South Pole was discovered." Daily weather conditions were also noted which were important in planning for local forest fire suppression and tree planting.

After graduation in 1913, George Perry became a District Forester in Hull and Brumbaugh State Forests (students were trained specifically for work in Pennsylvania Forests). From 1918 to 1929, he taught dendrology and silviculture at Mont Alto, where he authored several bulletins including, Common Trees and Shrubs of Pennsylvania, Red Pine in Pennsylvania, and Thirty Years of Forest Planting in Pennsylvania. As a 1925 Forestry Fellow of the American-Scandinavian Foundation, Perry spent a year at the Swedish Royal College of Forestry, Stockholm, Sweden, where he studied forest botany, soils, silviculture, and forest management. Following his year's study, he traveled in fifteen European countries observing forest, economic, and political conditions. In 1929, he published his only book, Forestry in Sweden and Adjacent Lands.

On a leave of absence from his teaching duties in 1927, Perry established a short course in General Forestry at the State Teachers College in Hattiesburg, Mississippi. Then, in 1929, when the Pennsylvania State Forest Academy became part of Penn State College, he joined the PA Forest Research Institute where he organized and initiated an inventory of all State Forest and Game Lands. In 1935 he joined the Tennessee Valley Authority where he remained until his death in 1946.

Lest We Forget!

by Marjory Blubaugh

Recently, the library at the Penn State Mont Alto Campus, was presented with the edited diary of **George S. Perry**, 1913 graduate of the then Pennsylvania State Forest Academy, operated by the PA Department of Forests and Waters. The daily accounts of 1912, when George was a forestry student, depict conditions quite different from what the forestry students at Mont Alto experience today.

Dr. R. Christopher Perry, grandson of the diarist presented the edited edition to librarian **Marjory Blubaugh** in a ceremony attended by family, relatives, students, and faculty. He reminisced on the background of his grandfather, a member of a southern York County Pennsylvania farm family, who had tremendous influence on the training and direction of many early American foresters and their practices. Dr. Perry is Professor of Political Science at the Indiana State University, Terre Haute, Indiana.

Of George Perry's teachings at Mont Alto (from 1918 to 1929), one of his students wrote that, "he (the student) was never inclined to hero worship, but just about revered that man (Perry)."

All of the forestry students at that time had to report to school with a horse, to get around the mountain on field



Dr. R. Christopher Perry (left), George Perry's grandson, presents the diary to Marjory Blubaugh, Penn State Mount Alto Campus librarian.

George Perry was a senior member of the **Society of American Foresters**, a member of the American Genetics Society and the Xi Sigma Pi fraternity. He also maintained active membership in the Pennsylvania Academy of Science and the American Association for the Advancement of Science.

The diary was transcribed and edited by Dr. R. Christopher Perry's wife, **Laura Keyes Perry**, while the *Index* and the *Afterword* were written by Dr. Perry himself. An excerpt from the *Afterword* reads:

"Regarding the Academy as of 1912, the following description was sent by its Director, Edwin A. Ziegler, to a coordinating office in Washington, D.C., in August of that year:

Pennsylvania State Forest Academy, Mont Alto, Pa. A course in forestry of three years of forty-eight weeks each leading to the degree Bachelor of Forestry. Maintained by the Pennsylvania Forest Service. Appointments are made from a competitive examination open to residents of Pennsylvania between 19 and 25 years of age. The State supplies board, tuition and quarters and requires bond for the successful completion of the course and three years service on state forests. (letter to W.B. Greely, Assistant Forester, Washington, D.C., 5 August 1912, in bound carbons of Director's correspondence, Mont Alto Campus library)"



George Sargent Perry, seated first row far left with faculty of the Pennsylvania State Forest Academy in 1925.

"Further information on George S. Perry and his work is held by various family members in Pennsylvania and Tennessee, in Tennessee Valley Authority (TVA) archives recording the work based in Norris, Tennessee, and in some items within an excellent collection held by the library of the Pennsylvania State University - Mont Alto."

Another reference is [A History of the Pennsylvania State Forest School, 1903-1929](#), by **Elizabeth H. Thomas**, available at the Penn State Mont Alto Campus bookstore. ♠



George Perry's sister, Mary P. Null who is standing in the center of the photograph, reminiscing with Mount Alto students about their family's early life in York County, Pennsylvania.

The Society of American Foresters Proudly Presents An Exclusive Art Print to Benefit SAF Programs



THE FORESTER AT HOME by Ludwig Knaus, 1886
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Perhaps the most beloved forestry painting of all time. **"The Forester At Home"** depicts the warm, glowing cabin of the German forester and his wife in 1842. This fine painting has been treasured by generations of foresters and outdoors professionals.

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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.

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“Crab Festival” Woodsmen Compete

“Throw that axe, saw that cant, climb that pole; get a little sweaty - and you win a bushel of crabs.” Four Forestry schools competed in woodsmen events at the West Point, VA Annual “Crab Festival” October 3, 1992: a beautiful fall day, a large crowd in a festive mood and students ready to take a break from the books.

North Carolina State beat out West Virginia University by only a few points to take the competition, with Virginia Tech and Penn State Mont Alto placing third and fourth. The competitive spirit was high all day, with last minute manicuring of saws and axes; the smell of WD-40 filled the air! Over twenty lady foresters helped to put points on the board - many of them competing for the first time, some seasoned veterans.

All four schools camped out on the Chesapeake Corporations land (thank you very much), and shared food and music till the wee hours. As **Harry Wiant** wrote in the last issue of Allegheny News, “Foresters are a different breed, they’re ‘nicer,’ on the average, as judged by landladies all over the world.” It was evident at this competition and the related campout activities at West Point. Δ



Third Runnerup - Penn State Mont Alto



Second Runnerup - Virginia Tech



First Runnerup - West Virginia University



Crab Festival champs - North Carolina State



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Arkansas Court Ruling

Chris Barneycastle of the Arkansas Forestry Association reports some good news in the Fall issue of the SAF Quachita Reporter. In a twenty page ruling on October 21, 1992, Judge Morris Arnold affirmed the Forest Service's interpretation of the National Forest Management Act (NFMA) that: the choice of a harvest method is a project level decision and does not have to be justified in the Forest Plan. He also affirmed current Forest Service policies that species diversity can be addressed forestwide rather than at specific locations in the forest.

The law suit, Sierra vs. Robertson, was filed by the Sierra Club on July 12, 1990, challenging the 1990 Amended Quachita Forest Plan. The Arkansas Forestry Association (AFA), The Quachita National Forest Purchasers Group, and The Southern Timber Purchasers Council intervened in the lawsuit on behalf of the Forest Service.

Although the Quachita lawsuit has been decided, the State Attorney General has filed another lawsuit which challenges the 1986 Ozark-St. Francis Forest Plan. In it, he alleges excessive use of even-aged management methods on the Forest. AFA and other interested parties have also filed a motion to intervene in this lawsuit. ♠

Two Allegany Community College students were recently inducted into the National Forest Technology Honor Society: Michael Schofield and Phillip Kisner, center. Also shown are Steve Resh, ACC assistant professor, left, and Dr. William Cones, ACC professor and coordinator of forestry programs.



Osprey "Hacking" in PA

by Donald R. Nibert

The U.S. Corps of Engineer's Tioga-Hammond/Cowanesque Lakes, near Tioga, Pennsylvania is the site of an attempt to reestablish a breeding population of Ospreys (*Pandion haliaetus*) in the area. The technique employed to re-introduce the osprey is termed hacking. 1992 is the third hacking season of a five year project which has seen 36 young osprey released as a result of efforts by the author and some helpful students of the PA College of Technology at Williamsport.

In the early 1900's, a viable breeding population of osprey existed throughout the state along streams, rivers, and large bodies of water. References to active osprey nests in Pennsylvania after the 1930's are difficult to obtain. Although migrating adult and sub-adult osprey have been observed in the state, it is generally believed that breeding pairs had been lost by the 1920's. Various factors such as water pollution, habitat destruction, pesticides, and shooting have been listed as the cause of the decline. Shooting was probably the main cause of the disappearance of a breeding population within the state.

Hacking, in this effort, consisted of collecting four to six week old young osprey from nests along the Potomac River in Maryland and transferring them to the hacking tower near Tioga, PA on the same day they were collected. Approximate age and sex of the nestlings was determined and federal and plastic lettered identification bands were placed on the legs of each nestling. The birds were then grouped by age and placed in one of four nests located in the 20' high hacking tower.

The young osprey were fed fish through black rubber slits and observed through one-way mirrors to minimize human imprinting. A diet of 75% frozen and 25% fresh fish with one drop of a 10% solution of 100mcg. per ml. of injectable vitamin B-12 added every other day. Initially the fish were cut in strips approximately 1/2" by 1/2" by 3" to 4" and presented to the nestlings by the use of a stick 3



foot long. Later whole fish were presented with cuts along the sides to allow easier access to the flesh. Live fish were presented to the birds as they approached fledging, so that the birds would have a more natural holding and feeding experience.

When the nestlings started bating, flapping their wings, and climbing the screened sides of the nest, the gates to the nest were lowered so that the birds would not damage flight feathers. The nestlings would move out of the nest onto the gates where they would wing flap, hop, and hover in preparation for their fledging flight. The average age at which the males fledged was 56.4 days compared to 59.8 days for the females. On their first flight, if the fledglings landed in the lake or on the grass banks, they would be captured and returned to the tower to reduce the possibility of predation. After the birds fledged, they would return to the tower for supplemental food until they developed sufficient fishing skills. During this phase of the project, the young osprey were monitored from 6:00 a.m. to 9:00 p.m. daily.

In order to encourage the fledglings to fish, air would be injected under the skin of freshly killed panfish to increase buoyancy and then floated beneath favorite perch trees. The fledglings started catching and feeding on the floating fish on the first day this technique was initiated. Supplemental feed was provided until the osprey migrated in the middle of August: the males observed to migrate approximately one week earlier than the females.

Once mature, the osprey should return to the lakes around Tioga, PA and nest. One female osprey from the 1990 hacking season was observed early in the spring of this 1992 season, but she did not attempt mating and nest building.

A limited number of the complete 61 page report for the 1992 hacking season are available. Written requests should be addressed the PA College of Technology, Att. Donald R. Nibert, Asst. Professor of Forest Technology, 1 College Avenue, Williamsport, PA 17701. Δ



The hacking tower platform

SAF National Meeting Brings 1,600 Foresters to Richmond, Virginia

From 1892 through 1992 to 2092 and beyond -- 1,600 SAF members met at Richmond, VA October 26-28, 1992 to explore "The Evolving Forestry Tradition" theme in general and break-away sessions, Working Group meetings and private conversation. SAF annual meetings are the largest gathering of forestry professionals in the world - this one was the largest East coast convention in SAF history.

More than 200 members and invited guests presented papers on topics ranging from global issues to urban forestry to the Endangered Species Act. Audio cassettes and a Proceedings of the general and technical sessions are available through the national office.

Pre- and post-conference tours (technical and historical), awards ceremonies, newsletter and artistic workshops, Working Group meetings, student programs, exhibitor displays of state-of-the-art supplies and equipment, alumni and military forester meetings, a "pig pickin" and country music party, all made for a healthy mix of work and enjoyment.

Dr. Carl Sagan, Professor of Astronomy and Space Sciences and Director of the Laboratory for Planetary Studies at Cornell University officially opened the meeting on the morning of October 26 with a keynote address. Members had an opportunity to informally ask all of those space and environmental questions of Dr. Sagan after his presentation.

An interview with the local NBC television affiliate and three radio stations covered the convention, and stories appeared in the Richmond Times Dispatch and on the Associated Press newswire. SAF's position on the reauthorization and amendment of the Endangered Species Act received thorough coverage in a press conference. ♠



Dr. Carl Sagan discussing the "Cosmos," ozone destruction, global warming, etc., with enthused SAF members after his presentation at the Richmond, VA National Meeting.



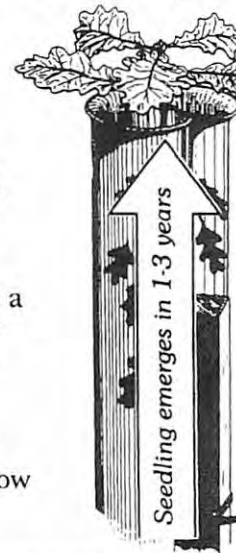
The "Happy Hour" at Richmond was really effective for Allegheny Society members Kim Steiner and Jim Nelson, as well as for Oregon State Forestry student members Mike Cafferata and Jon Lebre.

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"They Grow an Awful Lot of Eucalyptus in Brazil"

by Jay Engle

Let me say that I'm in the deep southern end of the Allegheny Society, geographically speaking; "deep" as in the southern hemisphere, Brazil to be exact. Now you may ask, "just what is one of the members on our mailing list up to in Brazil or why doesn't he just join the Brazilian or South American Society?" That's just what Jack Winieski recently asked, and he suggested I explain - and while I'm at it, "how about an article for the Allegheny News?"

In 1988 I took a trip south that turned into a stay... Since then I have been forest research manager for Westvaco's Brazilian subsidiary, Rigesa Celulose, Papel and Embalagens Ltda. One of the first questions or comments I usually receive about my work is associated with the Amazon. Well, as I quickly learned - and this may be a revelation to some of you - Brazil is a huge country and is definitely not entirely covered by the Amazon rainforest.

Rigesa's landholdings are in the southern states of Parana and Santa Catarina, far from the tropical forests. The climate and area are similar to the southern U.S. and many species from there grow well as exotics in this region. In fact, the wood supply for Rigesa's kraft paper mill is 100% loblolly and slash pine. Both species are extremely productive with average MAI about 40 metric tons per hectare per year (18 t/ac/yr) on an 18 year rotation. The deep fertile soils (some have several feet of "A" horizon), uniform rainfall and lack of serious disease or insect problems account for this phenomenal growth. As good as this growth is, we believe that it can be

increased and one of the large research projects we have been working on is pine tree breeding.

Rigesa has also been planting Eucalyptus since the early 1980's to provide fuelwood to power the pulp and paper mill. Believe it or not, one of the most serious problems with Eucalyptus in this region is frost. Results from species tests have shown that E. dunnii is the most adapted species for our area and is capable of attaining a MAI of 65 metric tons per hectare per year (29 t/ac/yr). One problem with this species is that it does not produce regular or abundant seed crops either in Brazil or Australia where it is native. We are investigating ways of stimulating flower and seed production as well as vegetative propagation of the species through rooted cuttings and micropropagation, both of which are showing promise.

While this note only gives a few examples of what this Allegheny Society member has been up to in Brazil, it will have to do for now. Please allow me to sum things up by saying that my wife, two sons and I have been living a social, cultural and professional adventure that few in forestry have or will have the privilege of experiencing. While we are anxiously looking forward to returning to the U. S. in 1993, we will never forget our time and friends in Brazil. ♠

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Coming Events

February

- 10-12 Allegheny SAF Winter Meeting, Wilkes-Barre, Pa, "Balancing Emerging Issues," Registration: Tony Cardwell (717) 424-3001.

March

- 11-13 Northeast Wood Products Expo '93 (NEWPEX '93) Springfield Civic Center, MA. Contact Pat Lee, (617) 237-0587.
- 15 Deadline for articles, photos and ads for the Spring issue of *The Allegheny News*. Send to Jack Winiwski - Editor, Allegheny SAF, P.O. Box 699, Dillsburg, PA 17019-0699.
- 20 PA Forestry Association Annual Conservation Dinner, Genetti's Hotel, Williamsport, PA, (717) 766-5371.

April

- 18-24 National Wildlife Week. Theme: "Rain Forests: Help Save Their Layers of Life."
- 19-22 National Hardwood Lumber Association "Lumber Grading Short Course, An Introduction to Lumber Inspection" (901) 377-1818.

Journal of Forestry 1993 Editorial Calendar

- | | |
|-----------|---|
| January | Critical Issues for Forestry |
| February | Wilderness around the World |
| March | Educating Tomorrow's Forest Resource Leaders |
| April | An Environmental Ethic: Its Role in Forest Management |
| May | Managing Forested Wetlands |
| June | Forestry in the Developing World |
| July | Public Involvement in Forest Planning |
| August | Global Positioning Systems |
| September | The Power of Nature |
| October | Research and Technology Transfer |
| November | Meeting Tomorrow's Challenges |
| December | Managing the Nation's Old-Growth Forests |

A more complete editorial calendar appears in the January *Journal*, along with guidelines for contributors.

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