



# THE ALLEGHENY NEWS

December - 1974

published three times a year  
by the

Allegheny Section  
Society of American Foresters

P. O. Box 654  
Beckley, WV 25801

## 1975 WINTER MEETING ARRANGEMENTS

By: George Kemp

The Allegheny Section will hold its 53rd Annual Winter Meeting in Pittsburgh on February 5, 6 and 7 at the new and exciting Howard Johnson's Motor Lodge in Surburban Monroeville. The facility is located at the Pittsburgh Interchange No. 6 of the Pennsylvania Turnpike and I-76 and Route 22 in Monroeville, and can easily be reached from all directions. The Lodge is making available to the Section lodging ranging from single rooms to the new vertical suites. The price ranges from \$22.00 to \$50.00 per night. A reservation card with room rates attached is enclosed in the Newsletter, and members are urged to return the card as soon as possible directly to the Lodge. The Lodge phone number is: (412) 372-5500.

The facility has been developed for small conventions such as ours and is complete with indoor swimming pool health spa and other amenities. Members making reservations will receive a full color brochure describing the Lodge.

The Lodge is only a five minute drive from the new, fully-enclosed Monroeville Mall. Members are urged to bring their wives along for a week-end on the town. There will be a schedule of events and a women's hospitality program if enough interest is generated.

This year's technical program is headed up by Jim Nelson and the topic will be Clearcutting - A Professional Perspective. Jim has put together speakers and discussion panels to report on the recently completed study with direct input to be presented not only from the forestry aspect but from fish and wildlife, soils and other environmental related professions. Section members are asked to urge non-members who have expressed an interest in the clear-cutting controversy -- either pro or con -- to attend the meeting and to participate in the discussions. The sessions are open to the public on a daily registration basis. Section Chairman, Dave White, anticipates this program to be one of the most important for the forester and the forest technician in light of the environmental pressures and impact upon our profession in the last decade.

The Southwestern Pennsylvania Chapter is the host for this year's meeting and the Chapter members are sharing the various committees. George Kemp who is heading up the arrangements reports that the Chapter will host on Wednesday evening a President's Reception with Hospitality Hour followed by a Forestry Film Festival and Splash Party at poolside.

Entertainment will be available on your own at the Lodge's facilities. The Banquet, as usual, will be on Thursday evening and Friday will conclude the technical portion of the meeting with adjournment at noon.

## ALLEGHENY SECTION SOCIETY OF AMERICAN FORESTERS

### PROGRAM

### 53rd ANNUAL WINTER MEETING

FEBRUARY 5-7, 1975

### CLEARCUTTING - A PROFESSIONAL PERSPECTIVE

#### Wednesday, February 5

6:00 - 8:00 p.m.	Registration Dinner (on your own)
8:00 - 9:00 p.m.	Chairman's Poolside Reception
8:00-10:00 p.m.	Arts Show and Exhibit Hall Opening "Splash" Party and Forestry Film Festival
9:30 till	

#### Thursday, February 6

8:00 - 10:00 a.m.	Registration
8:00 a.m. - 7:00 p.m.	Arts Show and Exhibit Hall Open
8:45 - 9:00 a.m.	Welcome and Remarks
9:00 - 9:15 a.m.	Introduction
9:15 - 10:00 a.m.	Clear-cutting and Timber Management
10:00 - 10:20 a.m.	Clear-cutting and the Forest Soil
10:20 - 10:35 a.m.	Break
10:35 - 11:20 a.m.	The Effects of Clear-cutting on Water Resources
11:20 - 12:00	Clear-cutting and the Aquatic Biota
12:00 - 2:00 p.m.	Lunch (on your own)
2:00 - 5:00 p.m.	Business Meeting
5:00 - 6:00 p.m.	Arts Show Judging and Awards
6:00 - 7:00 p.m.	Pre-Banquet Warmup
7:30 p.m.	Banquet

#### Friday, February 7

9:00 - 9:45 a.m.	The Effects of Clear-cutting and Clear-cuts on Wildlife
9:45 - 10:15 a.m.	Aesthetic Considerations of Clear-cutting
10:15 - 10:30 a.m.	Break
10:30 - 10:45 a.m.	Summary
10:45 - 12:00	Discussion with Panel Members
	Adjourn

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### SECTION MARKETING WG

Bruce Schick, WVU, has announced a meeting of the Allegheny Section, marketing working group session will convene at 3:30 p.m. on Wednesday, February 5 (room to be determined upon arrival). This informal meeting will be devoted to the definition of current and future forest product marketing issues upon which the group can most profitably act.

CLEAR-CUTTING - A PROFESSIONAL PERSPECTIVE

By: Jim Nelson

WHAT - CLEAR-CUTTING AGAIN? We had a meeting several years ago on the topic "Even-aged versus uneven-aged management", and it seems as though everywhere we look we see articles or references to Hubbard Brook or the Bitter Root. You can't even get away from it in the Wall Street Journal. Federal and State Legislatures have conducted hearings on this subject. Books have been written on both sides of the controversy. National studies have been made, and reports issued, but none have dealt specifically with clear-cutting as it might effect related resources in the Allegheny Section.

A group of interested professionals in various fields of conservation whose work brought them into contact with clear-cutting in Pennsylvania, formed a committee to take a critical look at all aspects of the issue. Their purpose was to marshal the facts and evaluate as objectively as they could the probable effects of clear-cutting, good or bad, on the six forest-related resources, aesthetics, fisheries, soils, timber, water and wildlife. The committee, chaired by Ben Roach, consisted of aquatic and wildlife biologists, soil scientists, forest hydrologists, ecologists (forest that is), silviculturists and forest managers. The final report of this volunteer committee is being published by Penn State and is due for release near the time of our winter meeting. Your program committee felt it would be very timely to have this clear-cutting committee present its findings to the Allegheny Section. Plan to be at the winter meeting, I think you will find it interesting and thought provoking.

3rd ANNUAL ARTS EXHIBIT

The Winter Meeting Committee has announced that the Society will continue its recently established tradition of displaying artistic talents of its members. This part of the program was a success at Hagerstown and McAfee the last two years. The Chapter is urging those who would care to display their amateur or semi-professional talents in oils, water colors, carvings, sculpture and other related fine arts to contact either Bill Paxton, R D 3 Box 534-C, Latrobe, PA 15650 (412) 836-1700 or Bob Horner, 190 McKenzie Drive, Pittsburgh, PA 15235 (412) 372-7855, who are co-chairing this responsibility. The committee would like to see each exhibitor display 3 or 4 pieces.

Security will be provided for the work and judging will take place on Thursday evening prior to the banquet with awards presented at the banquet. Let's keep this talent parade an integral part of our annual get-together.

EXECUTIVE COMMITTEE MEETING HIGHLIGHTS

September 11, 1974

Howard Johnson's Stroudsburg, Pennsylvania

The following members were present:

David E. White, Chairman  
Jim Nelson, Chairman-Elect  
Ronald Sheay, Secretary-Treasurer  
Wilbur E. Wolf, Past Chairman  
Dave Marquis, Executive Committee  
Richard Kennell, Chairman, Valley Forge Chapter  
Sydney Kurtz, Chairman, Pinchot Chapter  
Stan Walton, Chairman, Keystone Chapter  
Paul Brohn, Chairman, Northern Hardwoods Chapter  
John Kegg, Vice Chairman, New Jersey Chapter  
Robert Johncour, Secretary-Treasurer, Keystone Ch.  
Pierce Chamberlain, Executive Committee, NJ Chapter  
Ken Law

Ron Sheay gave a treasurers report as follows:

Savings Account	\$3,786.68
Checking Account	<u>1,217.76</u>
TOTAL	\$5,004.44

A motion was presented, seconded, and passed to transfer \$2,500 from the Savings Account to a two year deposit account.

Chairman White asked the Executive Committee for comments on defraying costs of college students to attend National SAF and section Winter meetings. Motion presented, seconded, and passed to give \$50 each to the forestry schools of the Allegheny Section to help defray the costs of having as many students as possible attend the 1975 Winter Section meeting scheduled for the Pittsburgh area. The following schools will be contacted: Penn State University, West Virginia University, Rutgers University, Allegheny Community College, Mont Alto, Williamsport Area Community College and Glensville State College.

Dick Kennell reported on the progress of the commemorative medal for the 1975 National SAF meeting. The proposal has been finalized and Chairman White forwarded the proposal to Councilman Warren Doolittle.

Chairman White stated that Doug Mead resigned from the Executive Committee because of a job transfer. Motion presented, seconded, and passed to appoint to the Executive Committee the nominee that had the next highest number of votes from the last election.

Chairman White discussed the proposed dues increase of the National SAF. In a letter that will appear in the next Allegheny News, Chairman White questioned whether the bylaws were strictly adhered to in the proposed increase. He read his letter. Motion presented, seconded, and passed to send a copy of the letter to President Beale.

Wilbur Wolf stated that the Pennsylvania Forestry Association will conduct a series of meetings on land use planning in Pennsylvania. Chairman White asked Wilbur to send him the schedule of meetings so that the Chapters are notified and be represented at these important sessions.

Ronald Sheay  
Secretary-Treasurer

# Chapter News

## KEYSTONE CHAPTER

The Keystone Chapter met in Cashtown, Pa. on October 9th. Twenty-five members and guests enjoyed one of those famous fried oyster and roast turkey dinners as only ladies of the Cashtown Fire Hall can prepare.

Interesting business included a progress statement by the Career Committee and the status of the Professional Forester Registration bill before the Pennsylvania State Senate.

Paul Augustine was appointed to serve as 1975 Nominating Committee Chairman.

The next Keystone Chapter meeting will be held at 6:30 p.m. on January 8th at the Charlet Restuarant in Dillsburg, Pa.

Mr. Ron Wenrich, guest speaker, presented an excellent slide-talk on the Environmental Education Task Force and the Interpretative Program in Pennsylvania State Parks. Ron's efforts are introducing many persons to our natural environment in a different and lasting manner. Don Cole, Keystone Newsletter Editor, puts it this way, "Old and familiar things are really being seen, many for the first time. This is good."

Effective December 26, 1974 Walter D. Ludwig, Jr., District Forester in the Tuscarora Forest District #3 Blain, Pennsylvania is retiring after more than 32 years of service with the Department of Environmental Resources, Bureau of Forestry and the Department of Forests and Waters.

Walt began his career with the Department of Forests and Waters in 1942 as a Forester in the Harrisburg Offices. Shortly thereafter he transferred to the Renova Forest District. After a tour with the U.S. Navy from 1943 to 1946, Walt returned to the Department as a Forester in the Renova District. In 1950 he became District Forester in the Tioga Forest District Wellsboro, Pa. In 1955 Walter transferred to the Tuscarora Forest District in Blain, Pa. as a District Forester.

Upon retirement Walter is planning to continue his residence in New Bloomfield, Pa.

Walter has been a member of the Society of American Foresters since 1940 and a charter member of the Keystone Chapter.

We wish you a happy and fruitful retirement, Walt.

■ ■ ■ ■ ■ ■ ■ ■ ■ ■  
**NO NEWS IS BAD NEWS**

Your Editor wishes to encourage all members to send items in for the Allegheny News. Write or call:

William N. Grafton  
P. O. Box 654  
Beckley, WV 25801  
Phone - Office: 253-2783  
Residence: 252-0549

## NORTHERN HARDWOODS CHAPTER

Chapter Chairman, Paul Bohn, reports that the winter meeting is planned for January 24, 1975 at the Buttonwood Inn in Emporium. In addition to the regular business meeting, Cliff Carls will present a slide program on German logging and forest products industries.

### People on the Move -

Paul Yonkin, state district forester at Emporium, was promoted on July 25, 1974 to Assistant Chief, Division of Forest Management in Harrisburg. Paul had been almost a permanent resident of Emporium, having been there for 19 years.

Bob Martin is the new state district forester in Emporium. He was promoted from his previous position of assistant district forester in Bloomsburg, PA, where he spent two years.

Wayne Divis, procurement forester, Mallory Lumber Company, Emporium, Pennsylvania, was promoted to timber resource manager of Mallory Lumber Company's sawmill in Hancock, New York.

Harold (Sandy) Wolfinger has assumed the duties of timber resource manager of Mallory Lumber Company in Emporium. "Sandy" was previously procurement forester for Hammermill Paper Company, Smethport District.

Harold Burghart, forester with the Pennsylvania Bureau of Forestry, Emporium District, has resigned to take a position with the Tariff Commission, Lumber and Pulp Division in Washington, D.C.

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## ROTHROCK CHAPTER

Twenty-five members of the Rothrock Chapter attended the field trip at the Stone Valley Experimental Forest in Huntingdon County. Among the highlights of the tour was a discussion of the experimental results of "clearcutting" mixed oaks and the amount and kind of regeneration obtained 10 years after cutting. The feasibility of reinforcement planting to bring understocked stands to full productivity was discussed and observed in the field.

The first-year survival of red oak, paper birch, yellow poplar, white ash and sugar maple seedlings planted on a 2-year-old clearcut was observed and the problems of hardwood planting were discussed by the group.

The use of pelleted herbicides to convert low-grade oak-hickory stands to Japanese larch and yellow poplar was described by Dr. "Bob" Shipman, who conducted the field trip. As suggested by Dr. Shipman, "the number one problem in the regeneration of desirable hardwoods, whether planted or arising from sprouts, is differential browsing by deer. If this problem is to be solved eventually we will have to devise techniques for growing timber and producing wildlife with compatibility."



Photo: Creating hardwood-conifer mixtures following a 10-year-old clearcutting by reinforcement planting with Japanese larch.  
--R. D. Shipman

## THE PENNSYLVANIA STATE UNIVERSITY

### Hardwood Lumber Grading Workshop

The School of Forest Resources is offering a one-week Hardwood Lumber Grading Workshop at The Pennsylvania State University, University Park, Pa. from February 24 thru 28, 1975.

The course will be orientated to the interpretation and use of the National Hardwood Lumber Grading rules. There will be two days of instruction on interpretation and three days devoted to laboratory practice of grading and measurement.

The fee for the course, which is open to anyone 16 years of age or older, is \$40.00 for residents and \$45.00 for non-residents.

For additional information and registration forms write:

Agricultural Conference Coordinator  
410 J. Orvis Keller Bldg.  
University Park, PA 16802

### Water Conservation Conference

A conference on Water Conservation With Water-saving Devices to Reduce Home Sewage Problems is scheduled for April 8-10, 1975, at Keller Conference Center, University Park, Pa., according to Peter W. Fletcher and William E. Sharpe of Penn State's School of Forest Resources. The purposes of the conference, supported by both State and Federal funds, are to review the state-of-the-art, to focus on highest priority research and development needs, and to augment the education of homeowners, builders, and manufacturers.

This conference is expected to have special significance for those people who are most concerned with single residence water and sewer problems in small communities, subdivisions, and rural areas.

For advance registration, contact William L. Sipple, coordinator, 410 Keller Bldg., University Park, Pa. 16802

### VEGETATION AND ENERGY??

Dr. David DeWalle with the School of Forest Resources at Penn State has undertaken a study, funded by the Pinchot Consortium, of the effects of landscape vegetation on heating costs for homes. Results of previous research in the Great Plains have indicated that shelterbelts can significantly reduce heat losses from model homes. Dr. DeWalle will attempt in the Penn State study to assess the value of non-shelterbelt vegetation in suburban areas by examining energy consumption data for selected families as well as by comparing heating requirements for small trailers placed at various vegetated sites.

### PLATEAU CHAPTER

The Plateau and Northern Hardwoods Chapters of the Allegheny Section combined for a tour of several of the wood-using industries in and around Kane, Pa. on November 15, 1974.

An excellent turnout of 81 members and guests were present for the tour which included the Northern Hardwood Rounds sawmill at Mt. Jewett, the Otter Creek Corporation chipper and the new Kane Hardwoods sawmill, both located just east of Kane.

The Chapter members and guests were able to obtain first hand information on the manufacturing process of each industry. The Northern Hardwood Rounds produces various products, but specializes in the manufacture of dimension stock for furniture, whereas the Otter Creek Corporation chips random length pulpwood with the chips being sent to the Hammermill plant at Erie, Pa. The Kane Hardwoods sawmill, owned and operated by Collins Pine Company, is a large new mill that has just started operations. The mill will eventually have its own kiln drying operations.

### VALLEY FORGE CHAPTER

(FS STATE AND PRIVATE)



Alfred Troutt



James Byrne

### TROUTT IS NEW ASSISTANT DIRECTOR

Alfred H. Troutt, Forest Supervisor of the Monongahela National Forest in West Virginia since 1972, has been selected as Assistant Director for Environmental Protection and Improvement, Northeastern Area, State and Private Forestry in Upper Darby, Pennsylvania.

Troutt graduated from the University of Missouri in 1957 with a Bachelor's Degree in Forestry. He began his Forest Service career on the Mark Twain National Forest where he was promoted to District Ranger. He was then Assistant Supervisor on the Ottawa National Forest in Michigan and Assistant Chief of Operations in the Milwaukee regional headquarters of the Forest Service. In 1967, Troutt became Forest Supervisor of the Hiawatha National Forest in Michigan, and from there went to the Monongahela National Forest in West Virginia as Forest Supervisor in 1972.

The Environmental Protection and Improvement Unit which Troutt will head, assists and administers federal financial aid to state natural resource agencies and other cooperators with programs in forest insects and disease management, forest fire management, and environmental improvement.

### BYRNE IS NEW LAND USE PLANNER

James G. Byrne, U. S. Forest Service, Region 8, Atlanta, Georgia has been selected for the Land Use Planning position, State and Private Forestry, headquartered in Upper Darby, Pennsylvania.

Byrne received a B. S. in Forestry in 1957 and a M. S. in Forestry in 1961 from Pennsylvania State University. His experience includes Soil Resource inventory assignments on National Forests in Kentucky, West Virginia, and Virginia. He is leaving the Range, Timber, and Wildlife program area where he was the Regional Ecologist. Included in his planning experience is a River Basin Planning assignment in Little Rock, Arkansas. He also collaborated in the Ozark Highlands Area Guide.



Gyde Lund



Giles Rafsnider

### LUND NAMED AS MENSURATIONIST

H. Gyde Lund has been appointed the Forest Mensurationist in the Resource Use and Management Unit, State and Private Forestry in Upper Darby.

Lund will provide advice and assistance in planning, directing and coordinating the Forest Management Systems Programs within the 20-state Northeastern Area.

Gyde comes to Upper Darby from the Bureau of Land Management in Denver, Colorado, where he was the Forest Inventory Planning and Design Specialist for the past 3 years.

(VALLEY FORGE con't)

He officially began his Federal career as a forester on the Ochoco National Forest in Oregon. Gyde served two years in the U. S. Army Intelligence in Germany. He has worked as a forester on the Snoqualmie National Forest; as a mensurationist with Forest Survey in Alaska and as a research forester in fuel appraisal systems with the Pacific Northwest Station in Seattle.

Mr. Lund received a Bachelor of Science degree in General Forest Management from Utah State University in 1961 and a Master of Science degree in Forest Fire Sciences from the University of Washington in 1970.

Gyde and his wife Dora (a native of Costa Rica) and their two sons, Dan and Jim, reside in West Chester, Pennsylvania.

#### RAFSNIDER NAMED AS ECONOMIST

Dr. Giles T. Rafsnider has been appointed the economist in the Resource Planning Group, State and Private Forestry, in Upper Darby.

Dr. Rafsnider will provide advice and assistance in resource planning and working on river basin planning projects with the Area's four Field Offices.

Giles comes to Upper Darby after 4 1/2 years experience with state government and private consulting in Carson City, Nevada. He worked there in river basin planning and econometric studies, including special work with the Forest Service's Region 4 office in Ogden, Utah.

Dr. Rafsnider received a Bachelor of Science degree in Range Management from Utah State University in 1965, a Master of Science in Agricultural Economics from the University of Nevada in 1967, and a Ph.D. in Food and Resource Economics from the University of Massachusetts in 1974.

Giles and his wife, Jean, and their two daughters, Erica and Gillian, reside in Drexel Hill, Pa.



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Joseph Smith



Richard Watt

#### JOSEPH H. SMITH IS NEW HARVESTING SPECIALIST

Joseph H. Smith is the new Harvesting Specialist in the Use Group.

Smith will be involved in the utilization process from the tree to the mill. This will include sale layout, logging roads, logging system design and analysis, cost accounting, safety, and Research cooperation and interpretation.

Joe, a native Georgian, received a B.S.F. degree in Logging Engineering from the University of Washington in 1950 and an M.F. from Oregon State University in 1952. He began his woods career with large loggers in Washington, Arizona and Alaska. In the late 1950's he was district forester for the Florida Forest Service. Smith has worked on National Forests in Montana, Oregon, Florida, Kentucky, and Arkansas, mainly on logging road planning and construction.

In 1972 Smith completed a two year assignment with the Pacific Northwest Station in Seattle. While there he worked on the engineering aspects of highly sophisticated modern logging systems. During this period he also completed work on a Master of Science in Engineering degree from the University of Washington.

The Use Group in cooperation with state Utilization and Marketing Specialists provide assistance to industry and forest landowners in the utilization and processing of wood products. Included in the service are sale area planning, marketing of round wood, logging and transportation systems and procedures, log grading, sawmilling and other primary processing, secondary processing, finishing, wood treating, and industry development.



STATE TREES-- Did You Know Them?????

DELAWARE-- American Holly  
MARYLAND-- White Oak  
NEW JERSEY-- Northern Red Oak  
PENNSYLVANIA-- Eastern Hemlock  
WEST VIRGINIA-- Sugar Maple

(VALLEY FORGE con't)

RICHARD F. WATT IS FOREST MANAGEMENT SPECIALIST

Dr. Richard F. Watt has joined the staff of the Resource Management Group, State and Private Forestry. Dr. Watt will serve as Forest Management Specialist with responsibility primarily in hardwood silviculture, the Forestry Incentives Program, and Urban and Community Forestry in the Upper Darby, Pennsylvania office.

Dr. Watt's Forest Service career began in 1948 in northern Idaho with the Intermountain Forest and Range Experiment Station. From 1954 to 1967 he served in research administration and tree physiology research in the St. Paul office of the North Central Experiment Station. His next assignment in 1967 was in the Columbia, Missouri, office of the North Central Forest Experiment Station, where he served as Project Leader in charge of oak-hickory research and as the Station Director's Representative for 7 years.

A native of New York, he received his undergraduate forestry degree at the New York State College of Forestry, his masters at Yale University School of Forestry, and his Ph.D. at the University of Minnesota.

Dr. Watt and his wife, Rachel, have four daughters. He resides in West Chester, Pa.

WEST VIRGINIA CHAPTER

The West Virginia Chapter - SAF and West Virginia Forests, Inc. combined their fall meetings. Joe Yeager (SAF Chairman) and Don Fogus (WVFI Executive Director) did an excellent job in designing a program around the theme of "Communications".

Hal Burke (WVFI President) opened the meeting with keynote remarks. An exceptional highlight were remarks by Mrs. Eleanor Horwitz, the author of the books titled, "Clearcutting: A View From the Top." She spoke on Social Aspects of Even-Aged Management and Other Environmental Concerns.

Stimulating and provocative comments by other speakers listed below completed a very successful program:

Ira Latimer (Director; WV Dept. of Natural Resources)  
"Environmental Issue of the WV-DNR and Wood Industry"

Ed Stana (Regional Manager; AFI) and  
Norman Spell (Public Relations; Westvaco)  
"Communicator's Seminar"

Don Hollen (Senior Vice President; Monongahela Power Co.)  
"Environmental Effects of Allied Industries"

The following men were elected to serve the WV Chapter-SAF for 1975-76:

Bill Grafton - Chairman  
John Simon - Vice Chairman  
Ralph Glover - Secretary-Treasurer  
Executive Committee

David Lilly  
Tony Fenwick  
Tom Clark  
Bruce Schick

The West Virginia Chapter passed a resolution of commendation recognizing William E. Kidd, Jr. for his efforts in organizing a series of Log Road and Skid Trail Workshops.

A second resolution expressed the Chapter's dissatisfaction with National SAF's action of a dues increase and deficit budget spending.

The Ole C&O - B&O Gone

Robert T. Forney, former WV Chapter Chairman, has announced a reorganized forestry department named Chessie Resources, Inc. This formerly included the C&O, B&O and Western Maryland railroads. Headquarters are located in Suite 900 - Chafen Bldg., P. O. Box 1738, Huntington, WV.

Staffing this office are Robert T. Forney, Manager - Forest Properties; Joe Newlon, Forester; and Dave Harper, Forestry Technician.

Joe Newlon is a recent addition to the staff and is a native of Grafton, West Virginia. He is a 1970 Forest Management graduate of West Virginia University and has

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(WEST VIRGINIA con't)

LOGGING RESIDUE CONFERENCE PLANNED

By: Carter Hall  
West Virginia University

prior experience with the U. S. Forest Service in West Virginia. He and his wife, Carol, are living in Huntington.

Dave Harper also is a recent addition to the staff. Dave is a 1974 graduate of the Forestry Technician School at Glenville State College and was previously employed by the West Virginia Division of Forestry. He and his wife, Janet, have recently moved to Huntington.

Chessie also maintains three field offices as follows:

John Adams, Jr., Chief Forester  
Thomas, West Virginia

Ralph W. Dodrill, Forestry Assistant  
Summersville, West Virginia

L. F. (Frank) Brooks, Land Agent  
Marianna, West Virginia

June 4, 5, and 6 of 1975 have been chosen as the dates for the "Logging Residue Conference" to be held at West Virginia University in Morgantown, West Virginia.

The purpose of the Conference will be to summarize what is known and identify what is unknown about 1) the opportunities for a closer utilization in the timber harvesting process, and 2) the constraints on logging residue utilization imposed by economic considerations, recreation, and aesthetics.

The meeting will begin with registration and an ice breaker Tuesday evening, June 3rd. Both Wednesday and Thursday will consist of presentation of topical material to the total conference group, and Friday morning will allow conference attendees to elect an appropriate area of interest for in-depth discussions.

Sponsors of the Conference include the United States Forest Service, West Virginia University, West Virginia Department of Natural Resources, West Virginia Forests, Inc., and Appalachian Hardwood Manufacturers, Inc.



WEST VIRGINIA UNIVERSITY STUDENT CHAPTER

At its November 21, 1974 meeting the West Virginia University Student Chapter of the Society of American Foresters sponsored a panel discussion entitled "Natural Resource Development in West Virginia: Snowshoe as a Case in Point". Nearly 100 students, faculty and local residents attended the program. Snowshoe is a \$90 million ski resort and recreation facility being constructed in Pocahontas County at the headwaters of Shavers Fork of the Cheat River. Various land use planning, environmental, and regional development aspects of the facility were presented and discussed.

Bruce Schick, faculty advisor, has given exceptional guidance to the Student Chapter. All of us in the Section can be very proud of these younger SAF members.

SOUTHWESTERN PENNSYLVANIA CHAPTER

The Fall meeting of the Southwestern Pennsylvania Chapter began with a tour of the Rachel Wood Wildlife Game Preserve at Ligonier, Pennsylvania. Mr. Andrews, Manager of Rachel Wood, described the purpose of the preserve.

The game preserve consists of 8,000 acres of Forest Land fenced on Laurel Mountain in West Moreland Co. Dr. Wolf, Director of Research, conducts studies on the whitetail deer, elk, turkey, Mufon sheep, red deer (European), black bear and lesser wildlife species. The conducted tour lasted most of the afternoon. A dinner meeting at the Ligonier Holiday Inn, attended by 26 members and guests of the Chapter, was held at the conclusion of the tour.

The V. M. Bearer Memorial Committee reviewed its investigation into the possibility of a permanent memorial to the memory of Mr. Bearer. A motion was carried to enlarge the committee and continue the investigation with the possibility of a living memorial in the form of a park, trail, or tree grove.

Discussion on the 10,000 acre Mountain Streams property turned over to the State by the Western Pennsylvania Conservancy was postponed until foresters involved directly with the project were present for the discussion.

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## GOOD FORESTRY - CONSULTING VIEWPOINT

Editor's Note: The following remarks were made by O. O. "Boone" Neely at a West Virginia Chapter Meeting on December 8, 1973. It contains some excellent views on "good forestry" as realistically applied in the coalfields of West Virginia by consulting foresters Boone Neely and Jack Tillinghast.

I recently attended a meeting where the expression, "beauty is in the eye of the beholder" was used numerous times. I think we could also say, good forestry is in the eye of the beholder.

Several factors influence the intensity of our forest management. Some of the factors are:

1. Past history of the timber stand
2. Quality and quantity of timber involved
3. Objectives and purpose of ownership

Many times in the coal fields timber has been considered of secondary importance or a necessary evil. Coal Is King.

I feel sure Jack and I have been criticized many times about the intensity and quality of the forest management employed by our clients. Maybe some it has been justified. Most of our clients are owners of coal bearing lands and like it or not coal comes first and we must adjust our forest management to mesh with the coal producing plans and activities of the owner. We must also show a timber profit for the owner or they don't need us any longer.

This afternoon I want to cite a few examples which will illustrate the limitations under which we work.

### 1. Coal Lease - timber clause

"The Lessee shall have the right during the term of this lease to cut and take, for use exclusively in the Lessor's said lands in its underground mining operations hereunder (but not elsewhere or otherwise), all of the timber now or hereafter growing upon said lands which at the time of cutting shall measure not less than fourteen (14) inches in diameter over the bark two (2) feet above the ground on the up hill side of the tree, except walnut, maple, cherry, ash and poplar and such other timber as is not ordinarily used for mining purposes which the Lessor may reserve or exclude after the timber on said lands has been cruised by the Lessee.-----Lessee will clean up after its operations and burn all tree tops and branches which cannot be used." This was no doubt put together by a well meaning, conservation minded lawyer but it is unworkable and neither the Lessor or Lessee are getting any benefit from the timber. Much of the timber on this tract is overmature and should have been cut 25-30 years ago.

The only accomplishments we can point to on this property are a very much improved fire record and we have been able to salvage timber ahead of mining installations. We realize from a good management viewpoint this falls far short but is the best we can do under this set of circumstances.

I might add that we may have a prime example of the results of preservation management in a few years. The overmature timber has already begun to fall due to old age - not the chain saw.

In 1960, we went to work for another coal company located in the Kanawha Valley. The president of this company told us that as long as he was in charge of the company there be no surface mining. During the next 7 or 8 years we were permitted to institute many desired forest management procedures and the results were very good. We were justly proud of this job and considered it a prime example of what could be accomplished on similar areas.

Profits from underground mining fell to a point where this same president was forced to do an about face in order to survive in the coal business. Surface mining was started and to date over 2,000 acres has been mined by this method and the timber stand has been destroyed.

This has happened to us before on other properties. We are disappointed - but that's life in the coal fields.

In 1961, we started working for another large landowner in the Kanawha valley. Shortly before we were employed this company entered into a long term timber cutting contract at an extremely low stumpage rate and no escalator clause. However, this agreement does make provisions for cull removal, erosion control, close utilization, fire control and good road construction specifications. The first couple of years production was sufficient to allow us to spend the time necessary to mark the timber to cut and give fairly close supervision to the cutting job. Production has fallen off. In order to keep expenses within income, we are now having the timber cut to a diameter limit and have had it this way for several years. The real estate manager has asked us to hold our time spent on this job to three days per month if at all possible.

We think under this set of circumstances we are getting good results. The diameter limit was the best alternative he had.

The last example I will site is a client who has given us a free hand to manage their timber as we see fit. Their main objective was improvement of the timber stand and property over all. This property had been high graded and had a bad fire history. Also, this property is located within 20 miles of the Westvaco plant at Covington, VA and this has permitted us to clean up the timber stand at a profit. We have been able to treat each area as we think best. We are pleased with the results and so is the landowner.

In summary, if we are able to fulfill the objectives of the timber owner and employ as many forest management procedures as each set of circumstances will permit, I think we can call it good forestry.

## PA. INFRA-RED FIRE DETECTOR

A very interesting note came from Eugene McNamara, Chief of Division of Forest Fire Protection in Pa.

The Division has entered into a contract with the Boeing-Vertol Company for the purpose of conducting a feasibility study on a fixed point infra-red detector.

The objectives of the study are as follows:

1. To detect a wildfire with a minimum size of ten (10) feet square and at a distance of up to ten (10) miles.
2. Achieve early detection - within five (5) minutes of ignition with forest fuels.
3. System to work effectively in air pollutants, and in relatively high atmospheric moisture content of 50-70% relative humidity.

The infra-red scanning and detection system as designed for evaluation consists of three basic units - the camera, drive system, and monitor. The camera consists of an electro-chemical detector with provision for interchange with different detectors. The optics within the camera consists of a system of concave and convex mirrors which provide for both vertical and horizontal scanning. The drive system consists of a synchronous geared motor which provides for a horizontal scan of 0-180°. The actual working system would have a horizontal scan of 0-360°, thus providing detection in a complete circle. The monitor consists of a standard Cathode Ray oscilloscope modified by an amplifier. This amplifier displaces the fire image signal to the right of the oscilloscope a distance proportional to the signal intensity, thus providing a means for measuring signal strength.

This past October, after several problems were overcome, the equipment was finally installed in Keffer's Fire Tower, Schuylkill County, Cressona District 18. As could be expected, the first few days were rainy with fog hanging heavily on the Broad Mountain. However, since everyone was anxious to get started, it was decided to try to test the equipment anyway. With personnel from District 18 staff setting fires in a burner barrel approximately two miles away, tests were begun. Results at first were disappointing, however, after several minor adjustments, a signal was received on the oscilloscope. Test fires were set at several locations and they were detected even through the rain and fog, which indicated the equipment would work in 50-70% relative humidity as was desired.

The following days proved clear and cool, and testing was begun in earnest. Tests proved the detector was able to pick up the heat from a 12-Volt spotlight at a distance of one-half mile, and a fire 18 inches square at two miles. Later, tests proved effective at picking up piles of burning leaves at a distance of seven miles.

The test data was recorded and is now being evaluated by engineers at the Boeing-Vertol Company. Once the data has been evaluated more precise testing will be done fully to evaluate the detector. Results to date are encouraging. There are a great many unanswered questions, but since this is the first time anything such as this has been attempted, this is to be expected. Hopefully, the work being done at present will help us do a much better job in the future.

During the past year the planned change from AM radio to high band FM radio was completed in all twenty (20) districts. This change was accomplished two years ahead of schedule.

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## THANKS FROM EDITOR

I wish to take time to thank each of you who have contributed news and information to the Allegheny News this past year. Without your efforts, the Newsletter could not exist. All I can do is coordinate, compile and edit what you supply.

I wish to thank the following for contributions to the December 1974 issue:

George Kemp - McKeesport, PA  
Jim Nelson - Camp Hill, PA  
Ron Sheay - Hopewell, NJ  
Les Johnson - Mifflinburg, PA  
Bob Shipman - State College, PA  
Ed Farrand - University Park, PA  
George Semmens - Warren, PA  
Howard Burnett - Upper Darby, PA  
Bruce Schick - Morgantown, WV  
Carter Hall - Morgantown, WV  
Don Cole - Shippensburg, PA  
Peter Fletcher - University Park, PA  
John Gillespie - Scottdale, PA  
V. E. Bosman - Ridgway, PA  
W. R. Rossman - Johnstown, PA  
E. F. McNamara - Mechanicsburg, PA  
James H. Brigham - Reading, PA  
William Ackrom - Harrisburg, PA

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## SAF National Convention Schedule

- 1975 - Sept. 28-Oct. 2, Statler-Hilton Hotel, Washington, D. C.
- 1976 - Oct. 3-7, Braniff Place, New Orleans, La.
- 1977 - West-Southwest Region, U.S.A.
- 1978 - Joint Meeting with Canadian Institute of Forestry, Central Lake States Region, U.S.A.
- 1979 - Northeast Region, U.S.A.
- 1980 - West-Northwest Region, U.S.A.
- 1981 - South-Southeast Region, U.S.A.

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