

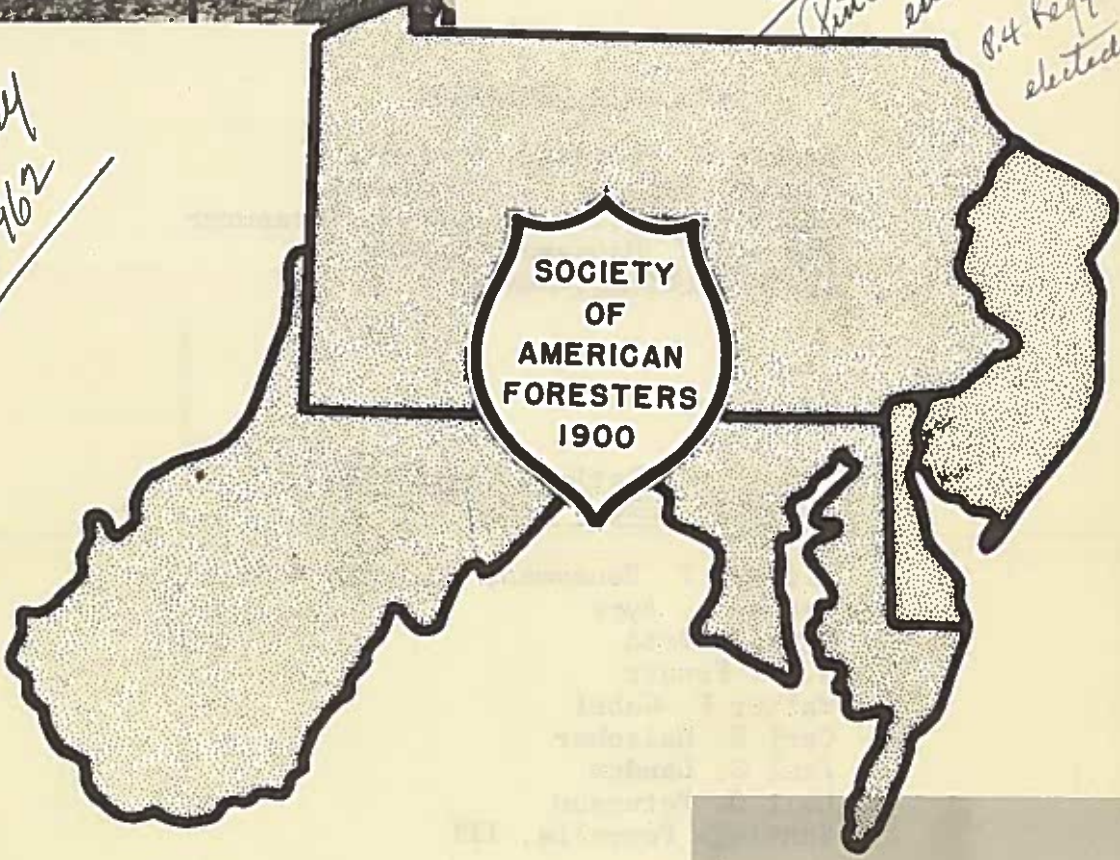
The Allegheny News



*P. 11
Pinchot Chapk
established (?) 1961?*

*P. 4 Reggie Forbes
elected "Fellow"*

*January
1962*



**Society of
American Foresters**



ALLEGHENY SECTION
SOCIETY OF AMERICAN FORESTERS
1961 - 1962

Executive Committee

George R. Moorhead, Chairman
Paul M. Felton, Vice Chairman
Henry E. Stasiak, Secretary-Treasurer
Richard F. Haussman, Member
Lester McClung, Member

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THE ALLEGHENY NEWS

Volume XIV

January 1962

Number #4

MESSAGE FROM THE CHAIRMAN (1961?)

I am not resorting to standard terminology and salutations, but sincerely mean that it has been a pleasure and most gratifying experience to serve as Chairman of the Allegheny Section. My most sincere thanks to all of you for the tolerance shown and the cooperation given.

Forestry and foresters are making substantial gains with resulting recognition and prestige. This has been accomplished by combined and individual efforts over the years. The future has a very appealing and tremendous potential. Quoting from Dick Allen, Chairman of Gulf States Section, "We must continue our education; discipline ourselves for self improvement; take part in public affairs to encourage proper appreciation by the public of our efforts as a profession." The willingness to do this and more is very much in evidence on the Allegheny Section.

At times we might be inclined to become discouraged and pessimistic. This is due for the most part to our every day dealing with problems. Problems can be troublesome and annoying and sometime make us tend to overlook the gains. However, the gains are very real. (One thing to remember - If you had no problems - you would have no reason for a job.)

Specifically, I want to express my appreciation to your Secretary-Treasurer, Hank Stasiak. Beside the tremendous volume of paper work, his knowledge of procedures and background of information is invaluable. The same applies to your Vice Chairman, Paul Felton. "Dutch" Hausman did an outstanding job on the Newsletters. The detail and amount of work involved with the job is not generally appreciated.

Diligence and perseverance have been shown by your Executive Committee. All of your committees are to be sincerely complimented. When asked to do a job they responded with alacrity and followed through with precision in detail. In other words, we have had the proper environment.

Continued effort and application from each individual will assure future accomplishments.

I am sure that your new officers and Executive Committee will welcome your suggestions and comments. Don't hesitate to let them hear from you.

Many thanks to all of you for granting me the opportunity to serve as Chairman of the Allegheny Section. George R. Moorhead

COME ONE COME ALL to the 40th Anniversary Meeting of the ALLEGHENY SECTION. Do you realize that the year 1962 is the 40th anniversary of the founding of the Section? And that its first chairman was no less a distinguished forester than the founder of the Society of American Foresters; namely, Gifford Pinchot? The recent formation of a Gifford Pinchot Chapter in Northeastern Pennsylvania is a tribute to the Section's first chairman. It will assure that the name of this great forester will always be associated with affairs of the Allegheny Section.

* * * *

"REFORESTATION OF FORESTERS" will be the title of the unique all-day presentation for the meeting on February 9. This will be conducted by the Adams Institute of Marketing of Shreveport, Louisiana, nationally-known marketing and training organization.

The novel program represents a dramatic departure from past meeting sessions. Keynoting the human side of forestry, the presentation will contain no lectures, no stereotyped formats to dull the fast-paced action. It does include a number of provocative topics designed to stimulate interest and participation by those present. The various discussions will relate to a specific technique that will help foresters plant their ideas effectively.

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REGISTRATION FEE for the meeting is \$5.00 per person.

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HOTEL RESERVATION cards are being mailed out with this issue of the Allegheny News. Make your hotel reservations promptly. If you plan to double up with another person, please indicate so on the card by listing his (or her) name. By requesting a "confirmed rate" you can assure yourself of the desired room rate.

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SPECIAL NOTICE TO STUDENTS - Arrangements have been made with the Penn-Sheraton Hotel for student lodging for both nights, if desired, at the special rate of \$3.50 per person per night with a minimum of four students in a room. Those desiring to attend should group themselves in four or more and submit the names to the Director of the School so that they can take advantage of the reduced rate. Except for the banquet, eating arrangements will be handled by the individual. Students should not fill in and return the hotel's reply reservation card. No registration fee will be charged to students.

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The simplest way to participate in SAF affairs is by attending Society meetings---so let's go!

ANNUAL WINTER MEETING

Penn-Sheraton Hotel, Pittsburgh, Pennsylvania
February 8-10, 1962

PROGRAM

Thursday, Feb. 8

8:00 p.m. Registration
to Committee Meetings
10:00 p.m.

Friday, Feb. 9

PITTSBURGH ROOM
8:00 a.m. Registration

9:00 a.m. Meeting begins
Welcome to City by Mayor of Pittsburgh
Introductions and Announcements
Opening remarks by Chairman Moorhead

9:30 a.m. "REFORESTING OF FORESTERS"
to "MOTIVATION---HUMAN RELATIONS"

12:00 noon "The Forest that Hides the Trees"
"Power to Influence People"
(lunch) "Do you Respect Your Profession"
1:30 p.m. "Timber - People Toppling"

to
5:00 p.m. James T. Adams - Adams Institute of Marketing, Inc.
Dr. G. Herbert True - Visual Research, Inc.

7:00 p.m. Banquet - URBAN ROOM
Toastmaster: George R. Moorhead
Address - "New Developments in Wood Utilization"
Herbert O. Fleischer
Chief, Division of Timber Processing
U. S. Forest Products Laboratory
Madison, Wisconsin

Saturday, Feb. 10

URBAN ROOM
9:00 a.m. Business Meeting
11:00 a.m. Adjournment

NATIONAL SAF ELECTION RETURNS

The results of the recent election of Officers of the Society of American Foresters for the two-year term, 1962-1963, are as follows:

President Paul M. Dunn
Director of Forestry
St. Regis Paper Company
New York City

Vice-president: B. E. Allen
Manager, Woodlands Division
Union Bag-Camp Paper Corporation
Savannah, Georgia

Council members: William C. Bramble Archie E. Patterson
Donald E. Clark Richard J. Preston, Jr.
William D. Hagenstein Stephen H. Spurr
Svend O. Heiberg John A. Zivnuska
George M. Jemison

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1961/2
1962
REGINALD D. FORBES, Consulting Forester of Ambler, Pa., and an active member of the Allegheny Section for many years, was one of thirteen men elected to the grade of Fellow. Election to this grade is in recognition of outstanding service to forestry and to the Society.

Congratulations, Fellow Forbes!

The year 1961 marked the 75th Anniversary of the PENNSYLVANIA FORESTRY ASSOCIATION. This makes it one of the oldest associations of its kind. Over the years it has made many contributions to public welfare within the fields of forest, water and land use conservation. Its present officers are:

Eugene F. McNamara	President
Dr. Peter W. Fletcher	Executive Vice-President
Mrs. J. Charles Runk	Vice-President
Ralph C. Wible	Secretary
Vernol C. Wiles	Treasurer
Arthur C. McIntyre	Editor - "Pennsylvania Forests"

ALLEGHENY SECTION
ELECTION RETURNS

The results of the January 5 election of officers and Executive Committee members are as follows:

Chairman

Paul M. Felton
Executive Director
Wissahickon Valley
Watershed Association, Inc.
Fort Washington, Pa.

1962

Vice-Chairman

Richard F. Haussman
Division of State & Private Forestry
U. S. Forest Service, R-7
Upper Darby, Pa.

1963

Secretary-Treasurer

Henry E. Stasiak
District Forester
Maryland Department of Forests & Waters
Bel Air, Maryland

Executive Committee

Lester McClung
West Virginia Department of Natural Resources
Charleston, West Virginia

Glenn E. Smith
U. S. Forest Service, R-7
Upper Darby, Pa.

William Taber
Delaware Forestry Department
Dover, Delaware

William S. Corlett
Pennsylvania Department of Forests & Waters
Harrisburg, Pa.

The return of ballots in this election was 62%, as compared to a 59% return a year ago.

WEST VIRGINIA ITEMS

The Conference on Wood Utilization sponsored by West Virginia Governor W. W. Barren at Charleston in December, was a great success. There was an excellent turnout of representatives from industry, government, education and research agencies. It was brought out that the timber resources of the state are adequate to support a much larger wood-using industry, and are, therefore, capable of making a greater contribution to the state's economy. The conference included a well arranged exhibit of semi-finished and manufactured products of West Virginia's wood-using industries and nearby plants.

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With the cooperation of the Extension Service, SCS and AFPI, the St. Mary's Kiwanis Club sponsored a Farm-City Week celebration which highlighted woodland management. Carl R. Sullivan, W.V.U. Forestry graduate, and presently Public Relations Chief for Kaiser Aluminum at Ravenswood, was the main speaker and awarded the Farm Certificates to Pleasant County landowners.

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Much interest is being developed in the forest management activities on the West Virginia Pulp and Paper Co. holdings in the Ohio River Valley area. Harold E. Matics, Woodland Manager, is concentrating on growing successive crops of Virginia pine.

NEWS FROM DELAWARE

Walter Gabel reports that the last two months have seen a considerable upswing in the number of ACP requests to the State Forestry Department. He would like to believe that this is due to an increasing interest of small woodland owners in the management of their holdings.

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The new U. S. Forest Service film, "Voice of The Forest", has been given a fine reception by Delaware school children - particularly those in the elementary grades.

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After a lapse of more than a decade, some fall planting of loblolly pine has again been tried in Delaware. A total of 125 acres have been so planted.

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Dr. Peter Fletcher of the School of Forestry, Pennsylvania State University, was a recent visitor to the New Department offices in Dover.

U. S. FOREST SERVICE NEWS

Eastern Region

HENRY SIPE has retired from the Forest Service after 32½ years of service in Virginia, North Carolina, Tennessee, New Hampshire, Maine, Kentucky, California and West Virginia. He has been on the Forest Supervisor's staff of the Monongahela National Forest, Elkins, West Virginia for the past several years and has long been an active member of the Society of American Foresters. After a Florida vacation, Mr. Sipe plans to do private work in timber cruising, appraisals and land surveying.

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JOHN N. BALLANTYNE of the Division of State and Private Forestry at the Regional Office will succeed Henry Sipe on the Monongahela.

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DAVID W. TABBUTT, Chief of the Lands Branch, Division of Resource Management at the Regional Office, has announced his retirement effective February 16, 1962. Dave is a University of Maine graduate and began his career with the Forest Service in 1923. He had worked on a number of Eastern National Forests early in his career and had been attached to the Regional Office in various positions for over twenty years.

* * * *

E. B. "PETE" OLSON, Forestry Aid on the Cheat Ranger District of the Monongahela National Forest, died November 12 as the result of an auto collision a few days earlier. The accident occurred on the Black Fork Bridge at Parsons, West Virginia, because of an icy roadway. Pete rose through the ranks of the Service from the CCC Program in the 1930's to a full-time job as Forestry Aid.

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JAMES KOCHENDERFER, recently transferred from the Gifford Pinchot National Forest, Washington, to the Cheat District, Monongahela National Forest. Jim is a native West Virginian and a graduate of West Virginia University.

DANNY HILE, son of the late "Spud" Hile, also returned East to a position on the Cheat District. He transferred from the Siskiyou National Forest in Oregon.

DONALD SPILLER, a graduate of Virginia Polytechnic Institute, has been employed on the Marlinton Ranger District, Monongahela N. F.

FRED DORR has been transferred from the Monongahela to a timber management position in the Regional Office, Upper Darby, Pa.

Lory R. Strickenberg retired from the Forest Service after nearly 42 years of federal service. He is a graduate engineer from Penn State and has served as equipment engineer for the Eastern Region for a number of years. In 1957, he received a Certificate of Merit and cash award in recognition of his work with the Driver's Training Program and a Chemical Brush Control Study.

* * * *

At the recent Troy, N. H. meeting of CFM Supervisors and Extension Foresters of Region 7, the group was honored by an address of Wesley Powell, Governor of New Hampshire. At the meeting, Dr. David Knapp, Dean of Liberal Arts, University of New Hampshire, challenged the group with a most interesting discussion of "Private Forestry and the Political Process."

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A quick run-down of annual accomplishments under the federal-state Cooperative Management Program in the five-state Allegheny Section area showed that during the past five years:

The total number of CFM projects has increased from 23 to 48. The number of requests for technical assistance has tripled. Acres planted to forest trees have increased from 4000 to over 11,000.

The volume of timber marked for cutting by service foresters has remained fairly constant.

But the acreage of young stands treated for timber stand improvement has jumped from 3200 to over 15,000 - an increase of almost 500%.

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Northeastern Forest Experiment Station

Two recent publications are of interest to members of the Allegheny Section. One is entitled, "Tree Planting in the Allegheny Section, a Survey of Current Planting Practices by the Silviculture Committee of the Allegheny Section, Society of American Foresters." This is issued as Station Paper No. 158, 18 pages, and has been a 3-year study by the Section Committee on Silviculture. More than 50 foresters in the 5-state territory aided in this survey. The other publication is called "Planting Sites in the Northeast, a Tentative Classification Prepared by the Committee on Site Classification of the Northeastern Forest Soils Conference", Station Paper No. 157, 24 pages. This covers the Allegheny Section territory as well as the New York and New England Sections describing the soil or site conditions and adaptation of forest tree plantation species to these sites. Dr. Earl H. Stone was chairman and deserves the major credit for this valuable set of guides to site selection for plantation establishment.

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Several additions were made to the Forest Survey staff during the 1961 field season. Al Rollins and Werner Bruckner joined the Station from Yale and Penn State, respectively. Werner's stay was relatively short as he was called to active duty with the Army in October as a reserve officer.

Dr. Kenneth D. Ware resigned from the Survey staff in September to accept a position as an Assistant Professor in the Department of Forestry, Iowa State University at Ames. Ken will be involved in teaching and conducting research in the fields of mensuration and statistics.

Joe Barnard, a Penn State graduate of June '60, has returned to Pennsylvania State University for graduate work in Forest Ecology.

PENNSYLVANIA NEWS

Department of Forests and Waters

Ralph C. Wible, Pennsylvania's State Forester, has been elected President of the Association of State Foresters. As President of the Association, made up of the State Foresters from all 50 states, Mr. Wible will play a key role in urging federal-state cooperative programs and multiple-use concepts for forest lands.

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It is estimated that during calendar year 1961, the Department of Forests and Waters will have sold in excess of 48 million board feet of sawtimber from state forest lands. Total receipts from all stumpage sold during that period will approximate \$1,000,000. This ever-increasing volume of timber is contributing much to the local economy of many communities. Industry is depending more and more upon the timber resources from state lands. A number of saw-mills have expanded their operations and more men are being employed in processing forest products into consumer goods.

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The above increasing source of revenue to the state, however, is not passing unnoticed - because House Resolution No. 43 of the 1961 Session of the General Assembly of the Commonwealth of Pennsylvania provides that: "...the joint State Government Commission be directed to investigate and study the system of payments in lieu of taxes on public lands to counties by the State and recommend to the next regular session of the General Assembly a method of increasing the payments in lieu of taxes on public lands to the counties, together with drafts of legislation necessary to carry the recommendations into effect."

At present, the state pays ten cents per acre to local sub-divisions in lieu of taxes.

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Effective January 31, service forester William F. Frotscher will leave the Department to enter the consulting business as a partner with Robert L. Bennett, who is also a former service forester, in the Penn Forestry Company. His post will be filled by Hugh Cunningham who is now in an in-training status on the Michaux District.

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The Department has been authorized to place CFM service foresters in its District Headquarters located at Blain, Huntingdon, Mifflinburg and Coudersport. John K. Sherwood, Jr., Paul H. McDonel, Robert J. LaBar and Walter N. Peechatka have been assigned to the new positions. This brings the number of service foresters in the field to 26 and extends coverage to nine additional counties.

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State Forester Ralph C. Wible announces that the National Boy Scout Jamboree will be held at Valley Forge in 1964.

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The Tree Farm Progress Report for December 1, 1961 as published by the American Forest Products Industries, Inc., Washington, D. C., reflects that Pennsylvania has a total of 649 tree farms as of that date. This is the largest number of tree farms in any state in the northeast section of the United States and is an increase of 64 in Pennsylvania since January 1, 1961.

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The Department of Forests and Waters recently entered into an agreement with the Northeastern Forest Experiment Station for a cooperative forest survey of Pennsylvania. The survey will provide the Department with the necessary data for continuous management controls and periodic management plan revisions for state forest lands. The survey system will be of the type now being used by the Forest Service in the re-survey of the Northeast. In order to meet the accuracy requirements for management controls, the number of permanent plots will be intensified on state forest land. The Department will be responsible for the field work on state land with the Forest Service assuming the responsibility for all private lands in the Commonwealth. All data will be processed under the new computer program designed by the Experiment Station. Field work will begin in the Spring of 1962.

* * * *

Although final figures will probably not be available until about mid-January, it is now reasonable to assume that 1961 will go into the records as the best forest fire year in Pennsylvania since records have been compiled. The total number of forest fires will probably fall somewhere between 500 and 510. The area burned during 1961 is expected to be under 3000 acres. This represents .002 percent of the protected area in the state.

FROM INDUSTRY

The Plateau Woodlands Department of the West Virginia Pulp and Paper Company has begun a series of long-range management studies designed to study management techniques to be employed in sugar maple stands. The studies range from direct seeding of open areas to eventual crop-cutting procedures. Much of the company-owned land in Pennsylvania contains even-aged stands with a preponderance of hard maple, and it seems desirable to test even-aged management techniques with this species. With a dearth of information on the even-aged management of northern hardwood species, a considerable amount of time and money will have to be spent on this project. A similar study is already underway on black cherry.

After completion of the forest inventory of its lands in northern Pennsylvania, the Plateau Woodlands Department of the West Virginia Pulp and Paper Company has prepared a detailed forest management plan for these holdings. It might be noted that the site classification system, which was used in the delineation of the stands, is based upon hard maple as an indicator species. An exhaustive site-study was conducted prior to the inventory in order to obtain a more correct site classification system for use in this area.

PINCHOT CHAPTER NEWS

At the winter meeting of the Pinchot Chapter, held at the District Forest Office in Schuylkill Haven, Nevin F. Slusser was elected chairman for 1962; David A. Roche, vice-chairman; and Albert Schutz, secretary-treasurer. The Chapter passed a resolution to be presented at the February section meeting proposing a forestry memorial be established at the Pinchot estate in Pike County, Pa. This to be forwarded to the parent society provided there is favorable reaction from the Pinchot heirs.

A motion was also passed to organize a speakers bureau to provide speakers on the forestry profession for career day conferences at high schools. All school superintendents, service clubs and interested organizations within the chapter's territory will receive a list of available speakers. It was also proposed to collect previous issues of the Journal for shipment to forestry schools in foreign countries. It was suggested the Washington office should handle this project since it has the contacts, funds and storage area. The idea is to be circulated among other chapters and sections for their support.

In the afternoon the group toured the Schuylkill Casket Company located in Schuylkill Haven, Pa. The visit to this wood-using industry was very interesting and enlightening. Approximately 120 board feet of lumber go in each casket with poplar, cherry, oak, mahogany and willow (southern) being the most common species. Metal and fiberglass are making some inroads into this use but wood is still the favorite casket material. The casket manufacturing business is an important segment of the wood-using industries. The market never fails since it is a proven fact that 1% of the population dies each year and that it takes a tremendous amount of lumber to put them away.

Just a few words of appreciation from your editor for the help and cooperation which he received from the Public Relations Committee, the Officers and Executive Committee of the Section, and many others during the past year. The ALLEGHENY NEWS can fulfill a decided need in the professional circles of the Section area. But it is only with help from all of the members, working through committees and chapters, that the editor can do a job which measures up to the expectations of the membership.

Again, many thanks for your help. It has been a real pleasure to serve the Society of American Foresters as editor of The Allegheny News during the past year.

Richard F. Haussman

PRODUCTS OF AMERICAN FORESTS is the title of the recently-issued Miscellaneous Publication No. 861 of the Forest Service, U. S. Department of Agriculture. The well-illustrated, 30-page booklet describes the many ways in which wood and trees, and the products of trees, serve mankind. This excellent publication should find wide acceptance by forests and non-professionals alike. It is available from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C., for 30 cents per copy.

The nation's first sawmill started turning out rough pine boards at Jamestown, Virginia, in 1608. Since then, more than a trillion board feet of Southern Pine lumber have been produced - enough to build 100,000,000 homes. (Wood Preserving News-October 1961)

RECENT PUBLICATIONS OF THE NORTHEASTERN FOREST EXPERIMENT STATION

Lumber or Chips? A comparison of small-log utilization alternatives.

by Barney Dowdle & Robert Bain
Station Paper No. 150
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Prescribed burning in the Pine Regions of Southern New Jersey and Eastern Shore Maryland--A summary of Present Knowledge.

by S. Little & H. A. Somes
Station Paper No. 151
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Thinning Balsam fir thickets with soil sterilants.

by Arthur C. Hart
Station Paper No. 152
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Mice and Voles Prefer Spruce Seed.

by Herschel G. Abbott & Arthur C. Hart
Station Paper No. 153
Northeastern Forest Experiment Station
1961

Introducing White Pine into Poor-Site Hardwood Stands in West Virginia.

by Harry W. Yawney
Station Paper No. 154
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Development of Second-Growth Northern Hardwoods on Bartlett Experimental Forest--a 25-year record.

by William B. Leak
Station Paper 155
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Screening Tests of Chemical Deterrents.

by Arthur R. Hastings & Morton Beroza
Station Paper No. 156
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Planting Sites in the Northeast.

by Committee on Site Classification NE Forest Soils Conference
Station Paper No. 157
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Tree Planting in the Allegheny Section

by Silviculture Committee, Allegheny Section, SAF
Station Paper No. 158
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Interception of Precipitation by Northern Hardwoods

by Raymond E. Leonard
Station Paper No. 159
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Effect of Seedbed Preparation on Natural Reproduction of Spruce and Hemlock under Dense Shade.

by Grant Davis & Arthur C. Hart
Station Paper No. 160
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Silvical Characteristics of Beech

by Francis M. Rushmore
Station Paper No. 161
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

An Appraisal of Early Reproduction after Cutting in Northern Appalachian Hardwood Stands.

by George R. Trimble, Jr., & George Hart
Station Paper No. 162
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Ash Dieback in the Northeast.

by Robert W. Brandt
Station Paper No. 163
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

Potassium, Magnesium, and Calcium Deficiency Symptoms of Loblolly and Virginia Pine Seedlings.

by Edward I. Sucoff
Station Paper No. 164
Northeastern Forest Experiment Station
U. S. Forest Service, Upper Darby, Pa.
1961

RECENT PUBLICATION FROM WEST VIRGINIA

Primary Wood Industries of West Virginia

Bulletin 461, West Virginia
University Agricultural Experiment Station
Morgantown, West Virginia
June 1961

The Wood Office Furniture Institute has announced that sales of wood office chairs and wood office furniture have been steadily increasing during the past few years. This report is most encouraging in the light of the well-publicized fact that wood has been steadily losing ground in the market place to substitute materials. This comeback of wood office furniture can be traced directly to the organization and sales promotion efforts of the Wood Office Furniture Institute.

Most foresters will admit a preference for wood in office furniture, but how many of you are working at a metal desk and sitting in a metal chair?

Baltimore's Watershed Problems
by Walter C. Sushko

Mr. Sushko described the soils in the 298,880 acres comprising the total drainage area above Baltimore's three water supply reservoirs as quite erosive. He said, "Land use is a mixture of urban and suburban areas, farm and forests. About 30 percent of the drainage area is forested." The city owns 17,300 acres, 6 percent of the total watershed area. This municipal land surrounds these three reservoirs and contains 13,000 acres of native forest and 2,718 acres of forest plantations established since 1912. About 1,200 acres remain to be reforested.

Although these plantations have been effective in controlling erosion from the reforested areas, sedimentation from lands beyond the municipal ownership is continuing. The mushrooming suburban developments around the municipal reservoirs lead Mr. Shusko to believe that sedimentation is still an important problem. He expressed the opinion that this problem cannot be solved by the Baltimore water authorities alone, but is the responsibility of all agencies and every citizen concerned with water conservation.

Mr. Shusko stated, "The singular objective of watershed management is production and protection of high quality water. The management of Baltimore's reservoir watersheds for many years was governed by the city Bureau of Water Supply regulation, adopted in 1919 and prohibiting any kind of recreational activities on the reservoirs and watersheds. The forest land management practices were limited to fire protection and to planting the trees." Since 1946, this policy has been changed to provide for recreational use of these city properties and a forest management program was initiated in 1955 to provide for utilization of the timber resource. All timber is logged and sawed by Bureau of Water Supply labor forces. Recreational and timber uses are carefully planned and supervised to prevent impairment of water quality and yield.

In cooperation with the Northeastern Forest Experiment Station of the U. S. Forest Service, Baltimore's Bureau of Water Supply is conducting long-range studies to determine the effect of forest management practices on water yields. These studies are designed to: 1) compare streamflow from mixed-hardwood and conifer-plantation watersheds, 2) determine influence of conifer-plantation growth on water yield, and 3) determine effect of selected cutting practices on water yield and distribution.

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The above presentation by Mr. Sushko is the last of the Baltimore Meeting papers to be published in the Allegheny News. Your Public Relations Committee and your editor hope that the members have found these briefs interesting and worthwhile reading.