

**Journal of Forestry
of N. C. State College**

1956

THE
PINETUM

1956

JOURNAL

of

THE
SCHOOL OF FORESTRY
N. C. STATE COLLEGE
RALEIGH, N. C.

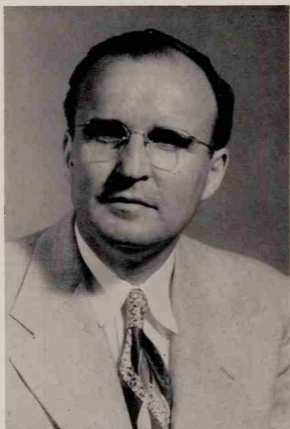
Contents

DEDICATION	2
FACULTY	4
STUDENTS	9
SCHOOL	19
CURRICULA	29
Forest Management	31
Wood Products Merchandising	46
Wood Technology	52
Pulp and Paper Technology	60
ACTIVITIES	66
ALUMNI	89
ADVERTISING INDEX	120

Foreword

College years are undoubtedly some of the most important years in a person's life. Much money, sweat, and time is utilized during these four years; and many happy times and some unpleasant events are had by every student. Most of these happenings could not be described in pictures and words no matter how great in volume. We therefore publish the PINETUM, realizing it can never relate each student's experiences but hoping that it can serve as a reminder of some of the major events and acquaintances encountered during the school year to every student and alumni. To that end, we have worked.

Here, then, is the 1956 PINETUM—We hope you enjoy it.



Dedication

To Dr. J. E. Maki, Professor of Forest Management and Research, and holder of the Carl Alwin Schenek Distinguished Professorship; a scholar of the highest caliber who has done much to raise the standard of scientific thinking in the School of Forestry; a true friend and counselor who is always ready to give of his great understanding of human feelings to another; and a devoted forester, we sincerely dedicate the 1956 Pinetum.

The Faculty



Educators Extraordinary



Left to right: Miller, Hitchings, Carter, Bryant, Libby, Slocum, Bethel, Barefoot, Demmon, Hofmann, Maki, Preston, Hart, Wyman.

Mr. E. L. Demmon had just been presented an Honorary Doctor's Degree in Forestry at the time the picture was made. (June, '55).

A. C. BAREFOOT
Assistant Professor of
Wood Technology,
B.S., M.S. N. C. State
College.

DR. J. S. BETHEL
Professor of Wood Tech-
nology,
B.S. University of Wash-
ington; M.S., D.F. Duke
University.

DR. R. C. BRYANT
Professor of Forest Eco-
nomics,
B.S., M.F. Yale Univer-
sity; Ph.D. Duke Uni-
versity.

R. M. CARTER
Head of Wood Tech-
nology and L u m b e r
Products Merchandising
Curricula,
B.S. University of Min-
nesota; M.S. Michigan
State.

C. A. HART
Technician,
B.S. V.P.I.; M.S. N. C.
State College.

R. G. HITCHINGS
Assistant Professor of
Pulp and Paper Tech-
nology,
B.S. Syracuse

DR. J. V. HOFMANN
Professor E m e r i t u s,
School of Forestry.

C. E. LIBBY
Robertson Professor of
Pulp and Paper Tech-
nology,
B.S., Ch.E. University
of Maine.

DR. T. E. MAKI
CARL ALWIN SCHENCK
Professor of Forest Man-
agement and Research,
B.S., M.S., Ph.D. Uni-
versity of Minnesota.

DR. W. D. MILLER
Associate Professor of
Silviculture,
B.A. Reed College;
M.F., Ph.D. Yale Uni-
versity.

DR. R. J. PRESTON
Dean of the School of
Forestry, N. C. State
College,
B.S., M.S., Ph.D. Uni-
versity of Michigan.

G. K. SLOCUM
Associate Professor of
Forestry,
B.S., M.S. N. C. State
College.

LENTHALL WYMAN
Professor of Forestry,
A.B., M.F. Harvard Uni-
versity.



HOME SWEET HOME



THE MAN WHO
KNOWS



We have Street Lights Now - COWBOY -



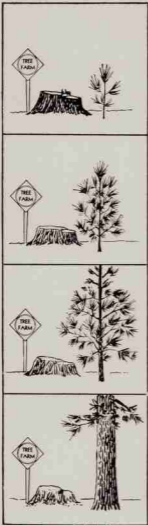
MOZART

WHERE THE "WOLF PACK" HOWLS



"If you don't saw faster than that, the cut will heal up."—Slocum

Partners In Industrial Forestry



The Tree Farmer and The Pulp and Paper Industry

A tree farmer grows and harvests trees like any other crop, except the cycle is longer. Nature does most of the work. He protects against forest fires and then harvests trees when they're ripe and the price is right.

**WEST VIRGINIA
PULP AND PAPER COMPANY**

North Carolina Woodlands, Manteo, N. C.

THE STUDENTS



"We had a boy who put himself through school by making moonshine."

—Slocum



RAYMOND H. BEAL
"Ray"

College Park, Md.
Forest Management
Tennis (1); Swimming
(1); Forestry Club; SAF

M. THOMAS BROOKS
"Tom"

Portsmouth, Va.
Forest Management
Forestry Club; S.A.F.

JAMES COOPER BURNS
"J.C."

Metuchen, N. J.
Wood Products
Merchandising
F.P.R.S.

SENIORS

DONALD SPENCER
CALDERON
"Gus"

New York, N. Y.
ΦEII
Forest Management
Phi Epsilon Pi Frat.,
Vice Pres., Pres.; Forestry
Club; *Pinetum* staff;
S.A.F.

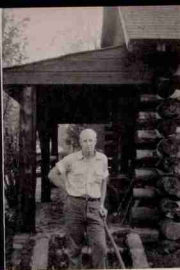
HARRY TOWNSEND
CALDWELL
"Harry"

Maryville, Tenn.
ΦΓΔ
Forest Management
Forestry Club; S.A.F.

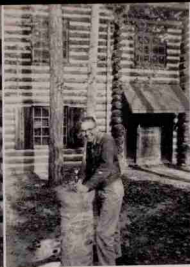
PAUL BLAIR CARSON, JR.
"Dad"

Gastonia, N. C.
Forest Management
Forestry Club; Rolleo
Ch. (4); SAF

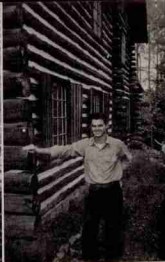




WILLIE ROGERS CURTIS
 "Whitey"
 Otto, N. C.
 Forest Management
 Xi Sigma Pi; Forestry
 Club



GEORGE L. DICKSON
 "George"
 Greenwood, S. C.
 Forest Management
 Forestry Club, Sec.; Top
 Hat Glee Club

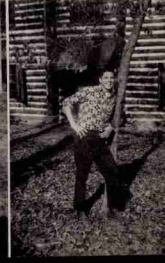
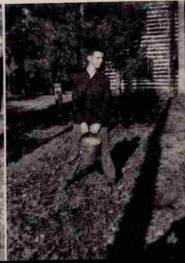
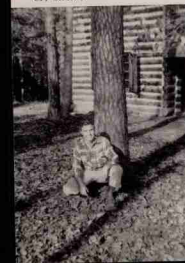


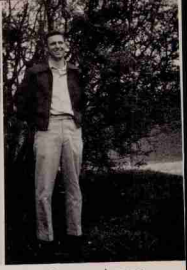
WILLIAM B. DOZIER
 "Billy"
 Raleigh, N. C.
 Forest Management
 Forestry Club, Sec., Vice
 Pres.; Treas. of Fresh-
 man Class; Pres. of Sen-
 ior Class; Campus Gov.;
 Rifle Team; Judicial
 Bd. Alpha Zeta, Chan-
 cellor; Alpha Phi Om-
 ga; Thirty and Three;
 Xi Sigma Pi; Blue Key
 Golden Chain; *Pinetum*
 Editor; Publications
 Board; S.A.F.

KING TYSON HARRELL
 "Tyson"
 Burgaw, N. C.
 Forest Management
 Forestry Club, Treasur-
 er; S.A.F.

CLAUDE ADAMS HOOD
 "Claude"
 Johnson City, Tenn.
 Forest Management
 Forestry Club; SAF; Lt.
 in R.O.T.C.

DONALD WILSON
 HORTON
 "Wilson"
 Whiteville, N. C.
 Forest Management
 Xi Sigma Pi, Forester;
 Forestry Club; S.A.F.;
 N. C. State Veteran's
 Ass.; Rolleo Team Cap-
 tain (3)





DAN COLEMAN JONES
"Dan"
 Oxford, N. C.
 Forest Management
 S.A.F.

JOHN WILSON JONES, JR.
"Wilson"
 Elizabeth City, N. C.
 ΣΧ
 Wood Products
 Merchandising
 F.P.R.S.; IFC (4); Intra-
 mural Sports

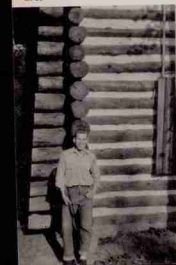
LEONARD ANDREW
 KILIAN, JR.
"Leonard"
 Norlina, N. C.
 Forest Management
 Forestry Club; Alpha
 Phi Omega

SENIORS

GRAY NEWTON
 LEINBACH, JR.
"Gray"
 Winston-Salem, N. C.
 Forest Management
 Outing Committee of
 C.U.; Forestry Club;
 SAF

ALLEN LEE MARTIN
"Bud"
 Winston-Salem, N. C.
 Forest Management
 Xi Sigma Pi, Asst. For-
 ester (4); Scabbard and
 Blade; S.A.F.; Forestry
 Club

ROBERT J. MILLER, JR.
"Bobby"
 Fayetteville, N. C.
 Forest Management
 Forestry Club; Xi Sigma
 Pi; S.A.F.; Society of
 American Military Engi-
 neers (3); Student
 Gov- (4); Intramural
 Athletics (2,3,4)





FRED BETHUNE
MONROE, JR.
"Fred"
West End, N. C.
Wood Products
Merchandising
AFROTC Rifle Team;
Forestry Club, Pres.;
F.P.R.S., Pres.



CLEVELAND MILTON
PRICE, JR.
"C.M."
Prospect, Va.
Forest Management
Xi Sigma Pi; Forestry
Club; Monogram Club;
Football

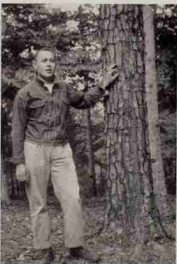


EARL J. RAYBURN
"Rasberry"
Marion, N. C.
Forest Management
Forestry Club, Vice
President

EDWARD FRANCIS
RIGOUARD, JR.
"Ed"
South Norwalk, Conn.
Forest Management
Alpha Phi Omega, Sec.,
Vice President; Wesley
Foundation, Editor
Methodist Student,
Treasurer, President;
Forestry Club, Sgt. at
Arms

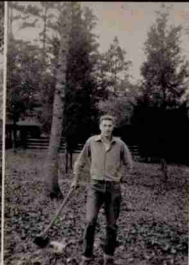
EARL RAY SLUDER
"Earl"
Newland, N. C.
Forest Management
Xi Sigma Pi; Phi Kappa
Phi; Forestry Club

EDWIN BREITNEY SMITH
"Bret"
Asheville, N. C.
ΔKE
Wood Products
Merchandising
F.P.R.S., Sec.

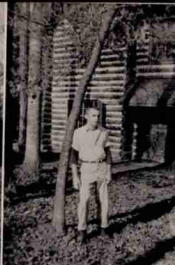




WARREN GRAY
SPENCER, JR.
"Spence"
Cape May, N. J.
TKE
Forest Management
SAF



JOHN GAYLORD SWIFT
"Swiftly"
West Cornwall, Conn.
Forest Management
Forestry Club; S.A.F.



JAMES ERNEST WEBB, JR.
"Benny"
Swannanoa, N. C.
Forest Management
Alpha Zeta, Treasurer;
Forestry Club, Presi-
dent; Student Gov. (2,
3); S.A.F.

SENIORS

CLIFTON L. WILSON
"Whip"
Lenoir, N. C.
Forest Management
Forestry Club



Juniors



Sophomores



Freshmen



Graduate Students



Graduate Students

<i>State</i>	<i>Degree</i>
Asher, William Curtis, Kentucky	Master of Science in Forest Management
Childs, Montgomery Rollins, New Hampshire	Master of Wood Technology
Ellison, William Thornton, Jr., N. C.	Master of Forestry
Hamilton, John R., Georgia	Ph.D.
Hart, Clarence Arthur, Virginia	Ph.D.
Masaschi, John Ellsworth, Mass.	Master of Wood Technology
Renfro, James Francis, N. C.	Master of Forestry
Thompson, Warren S., Miss.	Ph.D.

Compliments of

CAPITAL COCA-COLA BOTTLING CO.

Raleigh, N. C.

Riegel Paper Corporation

Acme, N. C.

MANUFACTURERS OF HIGH QUALITY WOOD PULPS



Dedicated to the conservation of the forest and water resources of our great country—for the best interests of this and succeeding generations.

THE CHAMPION PAPER AND FIBRE COMPANY

Carolina Division, Canton, N. C.

THE SCHOOL



The Brightest Side of Our School

Progress Report for 1955-56

By R. J. PRESTON, *Dean*

The current year has been one of continued growth and progress for the School of Forestry. Several events and developments have helped us in our goal to achieve high excellence and we know that our alumni will rejoice with us in these achievements.

The new pulp and paper laboratory on Western Boulevard is nearing completion and will be ready for occupancy this spring. Many pieces of testing equipment are on hand for this fine new building and orders are out for laboratory equipment, digesters and other essential items. Our first senior class of approximately ten will be ready for the laboratory next fall. A total of fifty-five major companies are now members of the Pulp and Paper Foundation and supporting the program actively and financially. Their support has enabled the school to secure an outstanding staff for this program and to set up sixteen scholarships during the present year with funds allocated for fifteen scholarships for the coming year.

Enrollment continues to grow with 232 students enrolled at the beginning of the fall term, which includes 101 freshmen, 42 sophomores, 44 juniors, 37 seniors and 8 graduate students. These students represent twenty-one states and one foreign country. Four students are now working for the Doctor of Philosophy degree. The following table shows enrollment growth for the past four years and we believe that the increase during the next few years will be greater than in the past.

	1952-53	1953-54	1954-55	1955-56
Enrollment at September registration	164	181	203	232
Total enrollment for year	192	197	223	?

In spite of enrollment gains the number of jobs for forestry graduates still greatly exceeds the number of graduates in all curricula and the profession needs more trained men. Opening salaries have come up appreciably as a result of this demand, ranging from about \$3400-\$4200 for graduates in forest management and being considerably higher in wood technology and pulp and paper technology. In my opinion there has never been a time when there have been as many good opportunities for young men in the several fields of forestry as there are today. Increased enrollment of high ability is our greatest need. For several years we have worked hard at this problem and it is gratifying to see tangible results.

On November fourth we were able to announce the completion of our drive to raise the necessary \$25,000 for the establishment of the Carl Alwin Schenck Distinguished Professorship. The Trustees approved Dr. T. E. Maki to be the first recipient of this Professorship and those of you who know Dr. Maki will rejoice with us on the staff in this deserved recognition that has come to him. While only numbering eleven, the forestry faculty is recognized throughout the nation for its quality. Seven faculty members have the title of full professor, and in addition to this recognition given

to Dr. Maki, Professor C. E. Libby holds the Reuben B. Robertson Distinguished Professorship in Pulp and Paper Technology.

At the commencement last June, Dr. Elwood L. Demmon, Director of the Southeastern Forest Experiment Station and currently President of the Society of American Foresters, was awarded the honorary degree of Doctor of Science. This brings to five the total of men distinguished in forestry who have been honored by State College with honorary degrees, the earlier recipients being Walter J. Damtoft, (1954; Inman F. Eldredge, (1953); Carl Alwin Schenck, (1952); Colin G. Spencer, (1951); and Reuben B. Robertson, (1932).

The School of Forestry has been uniquely successful in securing cooperation and support from the several groups it serves. We realize that this interest and support is essential if we are to attain the status of a truly great school. On November fourth we had the annual meeting with our advisory committees and over one-hundred forestry leaders met with us to help us improve and strengthen our programs. These meetings have been a source of inspiration to the faculty and have enabled us to evaluate, redirect, and improve our teaching and research programs. This support has also enabled us to attract and hold outstanding staff members, offer twenty-five scholarships during the current year, and secure gifts of equipment valued at about \$100,000.

From the standpoint of physical facilities the school is, generally speaking, in good shape. The new forestry building and almost completed pulp and paper laboratory are modern, well designed structures for instruction and research. Our Wood Products Laboratory is one of the best equipped in the country and we will have comparable equipment in the pulp and paper field. Our extensive forest properties totaling over 80,000 acres and our three permanent camps which cover forest types ranging from the sub-tropical to the Canadian give us unique advantages not available to other forestry schools. Our most urgent need is for a factory type building on Western Boulevard to house our sawmills, veneer lathe, preservation equipment and rough end saws and planers. The present temporary buildings are deteriorating rapidly and are a serious fire danger to expensive equipment as well as an eye sore to the College. We plan to request funds for this building from the next legislature.

Under the direction of Dr. J. S. Bethel and Dr. T. E. Maki, our research programs in utilization and management are becoming increasingly productive and respected. These programs are a part of the Agricultural Experiment Station program and considerable financial support for research is received from the Station through appropriated state and federal funds. In addition, substantial funds are added to our research budget through sale of stumpage from School forests, from contract research, and from cooperative agreements with the U. S. Forest Service and the Tennessee Valley Authority.

We hope our alumni approve of the programs being developed in the School and in our general progress. You can help us greatly by calling attention to highly qualified young men the splendid opportunities that await college graduates. We have available flip charts for use in talking to high school groups and we will be pleased to send one of these to you if you can use it.

The Hofmann Forest Report

By J. V. HOFMANN, *Manager, North Carolina Forestry Foundation*

The development program and pulp-wood cutting operations are carried on by the Halifax Paper Company as in previous years. Two draglines are operating at present. One started from the Collins road and is digging in a northwesterly direction toward the Jack Cabin branch and the other is digging a canal from the head of Chinquapin branch northwest to the Quakerbridge road. These canals and roads are dividing some of the large unbroken areas of the forest. Fire hazards are reduced and fire protection increased in direct relation to the number of access roads. Drainage provides increased growth and improved operating conditions.

Several thousand acres were burned over in the open pocosin area north of the Quakerbridge Road during the spring of 1955. The area was very dry, consequently the root mat of the shrubs burned (usually 3 or 4 inches in depth) to the mineral soil. It is planned to plant some of these burned areas to loblolly pine and pond pine this season, and study the growth on the areas where the pH was reduced through burning.

The Halifax Paper Company has produced 14,280 cords of pulpwood from January 1, 1955, to September 1955. Wood production was completely stopped during the hurricanes in August and September and was seriously interfered with during the summer due to rain. During one hurricane the Weather Station on the Forest showed rainfall of 15.7 inches in 24 hours. During August and the first two weeks in September a total of 50 inches was recorded. The annual normal rainfall is 56 inches. Serious floods occurred on and around the forest; however, the existing canals carried the water off in a few days and after about two weeks operations were resumed on the forest. Block 10 of the Forest is not included in the timber lease to The Halifax Paper Company. For this reason no development work has been done on this area. Drainage is required in several sections as shown by the retarded growth along the railroad where water is held back by the railroad grade. The effect of drainage is emphasized by the study of growth at various distances from some of the canals on the forest. The following table is a summary of this study prepared by Dr. T. E. Maki.

Yield and Mean Annual Increment of planted loblolly pine 17 years after planting

Distance from Canal Feet	Average D.B.H. Inches	Average height Feet	Yield per Acre Cu. feet	Mean Annual increment per acre Cu. feet
170	5.9	41	2812	165
430	5.0	29	1430	84
680	4.6	29	934	55
Not drained	3.0	17	199	12

The foregoing table shows the production loss on undrained areas and the need for development in order to improve growth and accessibility.

The hunting program is supervised by The Halifax Paper Company. Hunting is permitted every day in accordance with the game laws. Game is reported fair but not plentiful. Most hunters are interested in deer hunting, although some birds and bears are taken. Last week a 500 pound black bear was killed about 100 yards from a sawmill. Naturally some of the log cutters had business to attend to at home immediately.

The Senior class cruised Block 10 during the spring camp on the forest. Large areas of this block have been cut in the past few years; however, the cruise showed about one million board feet of merchantable timber on the block at present.

The Senior Camp next spring expects to cruise Block 1, which will be the third cruise of this area in ten year periods. No cutting has been done on Block 1 since the cruise 10 years ago + a recruise will show results of the area without cutting or fire.

The armed forces—Army, Navy and Marine Corps—are releasing a great deal of equipment which is available to hospitals, state agencies and schools. The Forestry Foundation has been able to secure some of this equipment for use on the forest. The following equipment has been acquired during the past two weeks:

- 1—TD 18 International Bulldozer
- 1—TD 14 International Bulldozer
- 1—40 ton low boy with 2½ ton REO tractor.
- 2—10 wheel drive heavy dump trucks
- 1—10 wheel drive 2½ ton cargo truck
- 1—¾ dragline - mobile crane, on its own chassis and power

Additional items are being processed for transfer.

Prof. Slocum: "All right, take that one."

Student: "Which one?"

Prof. Slocum: "The one with *two* leaves on it."

COUNCIL Forestry Tools

Planting and Fire Suppression

SWATTERS—LW-12 FIRE RAKES—BUSH HOOKS—AXES

PLANTING BARS—SPECIAL TOOLS

THE COUNCIL TOOL CO., INC.

Fine Edge Tools Since 1886
WANANISH, NORTH CAROLINA



The New Pulp and Paper Laboratory

By WAYNE WRIGHT—'59

The construction of the new pulp and paper laboratory is now in its final stages. It is expected that the contractor will complete his work on or before January 1, 1956. No classes will be conducted in this building during the present academic year, as several months time will be required for the installation of laboratory equipment; however the building should be occupied early this summer.

The original appropriation for the construction of the laboratory was in the amount of \$200,000. The sum proved inadequate to construct the building as designed, and a transfer of \$25,000 to the project was made from surplus funds in the D. H. Hill Library appropriation through the courtesy of Chancellor Bostian and officials of the Consolidated University. With elimination of several relatively minor items from the construction contract, the combined appropriations of \$225,000 were sufficient to permit the construction of the building as originally designed. When completed, the structure will consist of one story and basement, 150 feet long by 45 feet deep, all above ground level, and on two floors will provide a working area of 13,500 square feet. Since this building is located so far from other college buildings, it is designed as a completely integrated laboratory, classroom and staff-office structure and will be occupied practically full time by senior students majoring in Pulp and Paper Technology.



CARCO EQUIPMENT FITS SUSTAINED YIELD LOGGING...

FORESTERS have found a Carco winch with Carco crawler or rubber-tired arch and tractor the most versatile rig in the woods for harvesting and conserving timber. That's true on tree farms or elsewhere, whether you're clear cutting or selective logging. Because of its great maneuverability, this smooth-working tractor equipment operates with minimum damage to standing trees and minimum expense for access roads. It efficiently and economically bunches and yards large or small timber. It reaches out for isolated logs and winches them in from inaccessible spots.

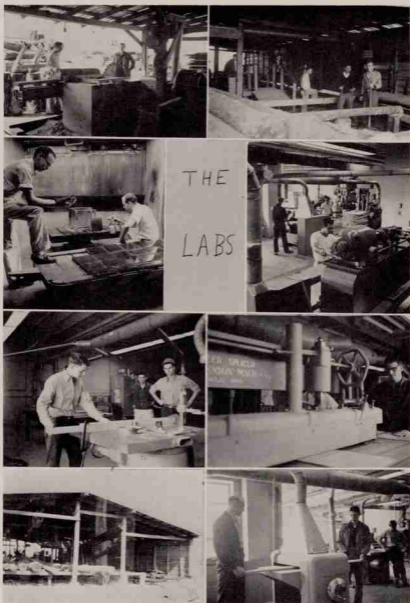
Wherever you may practice forestry, you'll find Carco winches and arches used by leading loggers and sold and serviced by prominent tractor dealers. You'll find, too, that Carco logging equipment is rugged and dependable with unusual staying power.

PACIFIC CAR AND FOUNDRY COMPANY, Renton, Washington, and Franklin Park, Illinois.



CARCO

WINCHES FOR ALL
INDUSTRIAL TRACTORS



Dowless: "Say 'Prof', what kind of a test are we going to have?"
 Prof. Slocum: "A question and answer type. Why?"

Equipment

By A. C. BAREFOOT

The word equipment conjures up immediately in a person's mind a picture of one's own needs and desires. If you will allow the generalization that the School has a personality, then you will allow the picture that the School has need for just about the gamut of equipment which foresters need or desire. Merely by acquiring any new equipment the School is usually proud; this past year, however, has been one in which the entire communion of State foresters will rejoice and be proud for we have acquired some equipment to make any forester satisfied on some of his desires.

The universal desire, at some time, is to own a jeep. The School does. One was acquired through the government surplus program, as was a great deal of other equipment items and supplies. This vehicle has proven to be a popular addition for small hauling jobs. In fact, the jeep has been very helpful in getting out small amounts of wood for research projects.

More prosaic to some but exciting to us has been the gift by Yates-American Machine Company of a new surfer, a 30" band-saw, and a single-spindle shaper. Meeen-Johnson has given to the lab a tapeless splicer and Homelite has added a chain saw. Unrelated events? No. These gifts are the result of work done by people promoting the School.

Regular purchases of equipment over the past two years for the lab have included a new fibroscope and a new Capital veneer lathe knife grinder. And frequent visits to the surplus property agency have added many items both large and small. A list of those items will serve to illustrate the importance of that program to the School. The following is a partial list of items that have been acquired at a price of about five cents on the dollar or less:

1. FD14 Tractor with cherry-picker crane
2. Two Microscopes
3. 6 x 6 2½ Ton truck
4. Bacteria Incubation oven
5. Micrometers, 24"
6. Portable power generator
7. Heavy roller bench
8. Cut-off saw
9. ½ Ton trailers
10. Power feed mortiser
11. Blowers
12. Clark fork-lift truck
13. Refrigerator
14. Tires and batteries
15. Automatic calculators
16. Various pieces of expensive photogrammetry equipment
17. Portable wheelbarrow-type air compressor
18. Moisture meters
19. Laboratory glassware

20. Flat warehouse trucks
21. Glue mixers
22. Water baths, copper
23. Electric motors
24. Power units
25. Analytical balance
26. Pocket knives

These items have certainly been a godsend to the School in view of its very limited equipment budget.

The School is happy to add these pieces of equipment to its teaching and research resources but hastens to add that the anticipated coming expansion in students will require still more equipping in order to do a proper job.

"The camp is so far back in the woods they have to put light in second gear to get it in."—Hamp Erwin

PRESERVE THOSE AGE-OLD TREES

Let us send you our Catalog showing a complete line of TREE BRACING MATERIALS AND TREE TRIMMING TOOLS.



Many of the largest estates in the United States and Canada have their work done with BARTLETT TREE TOOLS and supplies.

Our TREE PAINT is universally used after PRUNING for destroying and preventing the growth of wood destroying fungi.



A Quality line covering complete requirements.

Bartlett Mfg. Co.

3074 E. Grand Blvd.
Detroit 2, Mich.

FERGUSON'S HARDWARE

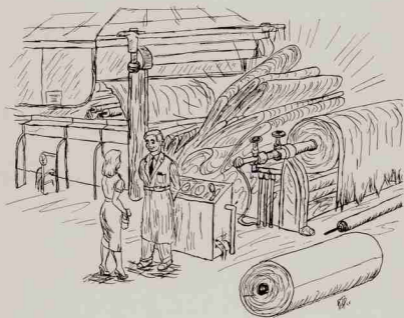
for

**HARDWARE
HOUSEHOLD SUPPLIES
PAINTS
VARNISHES
OILS**

2904 Hillsboro Street

Tel. 2-4877

THE CURRICULA



FOR YOUR CONVENIENCE

"All Over the Campus"

MAIN STORE AND OFFICE

Northwest Wing of YMCA Building

WATAUGA BOOK STORE

West Side Watauga Dormitory

QUAD CANTEEN

Upper Quadrangle

SYME COFFEE SHOP

Northwest Corner Syme Hall

COUNTRY HOUSE

Alexander & Turlington Court

TUCKER SNACK BAR

Tucker Dormitory

SHUTTLE INN SNACK BAR

Textile Building

THE DUGOUT (a Robot Snack Bar)

Shops Bldg., opp. College Laundry

THE TECHNICAL PRESS

Quick Service in Multilith Offset Printing
Textbooks—Lab. Manuals—Special Forms

These Student & Staff Centers Are Owned By The
Scholarship Fund Foundation
of North Carolina State College
operating as

Students Supply Stores



TIMBER



FOREST MANAGEMENT

Summer Camp

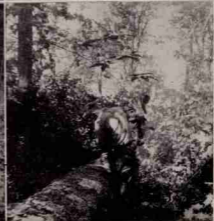
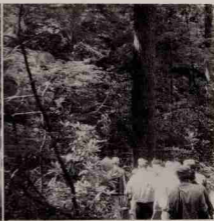
By JACK S. KELLEY—'57

On June 15, 1955, a group of school-weary gentlemen congregated at Hill Forest for a relaxing summer. At least we thought it would be relaxing. The first two days were spent cleaning up the camp. A good book on "How To Keep Out of Work" could have been written by anyone in camp as the first two days proved. Prof. Slocum gave a welcoming speech in which he gave the camp rules. One of the strict rules was the limit of nine sheets of toilet paper, but even this rule was broken after Percy's cooking started on the downhill grade.

A few days after we arrived, classes began. We had dendrology and silviculture for the remainder of the week. Of course unusual things happened during class periods. On one class trip, Jack Edwards fell in a hole full of rotten mash that was near an old moonshining still. He stunk mighty bad for awhile; but actually, that was not unusual. During another class Prof. Slocum and his group had stopped on the bridge to talk; and a buzzard flew into the bridge. We "sorta figgered" that the air was saturated with a certain person's bull-shootin'; and that was what caused the poor, old buzzard to bog down. Many other unusual things took place; but to protect the people involved, I will not put them in print.

The camp started a regular grind after the first week. We began to delve into the mysteries of mensuration and surveying; and when the time came for final exams, we discovered that a few things had not been solved. We learned to measure trees with everything from an Abney level to a Martian pogo-stick, plus a few more devices invented by Prof. Slocum. The distance pacing was a little difficult for Mongoose since he had trouble seeing over the grass. Jim (Burly) Stevenson also had trouble with his pacing because of the large wind resistance caused by his ears. The girls thought his ears were cute though. We were taught how to use a powder wedge also. The main steps in using the powder wedge are to load it, drive it into the log, put in the fuse, light the fuse, yell fire-in-the-hole, and then run like hell. All kidding aside, we actually learned quite a bit about mensuration, surveying, silviculture, and dendrology. "A good deal of studying was done at camp this past summer, and a lot of midnight oil was burned."

We did have a few tragic incidences to occur in camp. I have chosen the most heart-breaking and also the most vicious ones to relate to you. One day after classes, a long line of solemn-face gentlemen proceeded slowly from the cabin to the river. They were singing "We Shall Gather At The River", and tears came forth easily from each of these hardened men. This was a funeral procession for Kenny Matthew's deceased baby squirrels. A short service was held at the river and the little bodies were lowered into a small, shallow grave. A three-shot salute was fired over the grave, and the down-hearted group returned slowly to the cabin. I really should not tell about the incidence that I have already termed as vicious, but feel as if I must. One day I heard a terrible commotion downstairs; I ran down to find that Pierre's little snake had escaped and had crawled near Norwood's





"It was the cutest little still you ever saw in your life."—Slocum

bed. As I watched, I saw the sadistic traits of Ronald Norwood and Gilmer Green come forth as they beat mercilessly upon the little snake. Pierre came charging in to save his treasured pet, but all he found was a little piece of tail and a pitiful looking eyeball. Actually the snake was a six-inch, ground snake; but Norwood thought it was a six-foot, copperhead. All of us could see that it was a case of mistaken identity.

Now that the tragic part has been told, I should tell about the camp amusements. There was volleyball, horseshoes, swimming, fishing, music; and girls were the main source of amusement for some gentlemen. Speaking of girls, we had some odd methods of classification. Joe Emery's 1-10 classification was very efficient. One designated a queen, and ten designated those females out of human range. Now Bob Miller had a different method of classifying women. He went by poundage alone; and believe me, he weighed in some dillys. One of Bob's girlfriends was so big that everytime she went swimming, someone would yell, "Thar she blows". Anyway, Bob can say that he had his share of females. Charlie Webb supplied some good entertainment with his banjo and mandolin. Joe Emery picked on a guitar, but he only knew one tune. A few of us went fishing every now and then. We didn't catch too many fish, but a lot of good bull sessions went on. There were many amusements that there isn't room to tell about, but I hope everyone will enjoy thinking of them in future years.

I hope the people who were not at camp this past summer can get an idea of what goes on after they have read this, and I hope they have as great a time as we had. To you gentlemen who were there, don't ever forget Emery's corny jokes, Hamp Erwin's impersonation of Rocky Marciano, Joe Lawson's tale about his trip down the river where he met a man with D. C. on his belt buckle, and the map drawing by lantern light. I would like to say that our instructors, Prof. Slocum, Prof. Bryant, and Doctor Miller, were pretty good fellows even though a few shafts were handed out by them.

As you can readily tell by this article, the *Pinetum* was hard-up for writers this year so some of you experts help out a little next year.

Who wrote this thing anyway? "Oh, I don't know".

"As I went riding down moonshine trails on my motorcycle."—Slocum

FRIENDLY CLEANERS

2910 Hillsboro St.

★ ★ ★

The Student's Friend

Phone 3-6667

Summer Work in Management

By PAUL J. PICKENHEIM—'57

Many people, particularly freshmen, have asked me about some of the possibilities of summer work in management. In this article, I shall try to sum up a few points about each of the types of summer work with which I have been acquainted. Since most of my work has been done in the Northwest, with the U. S. Forest Service, this article will present a summation of work opportunities in that area. Let me say that I am far from an authority on summer work with the Forest Service, but I will try to present the subject to the advantage of those who may be interested.

My most concentrated forestry work was done during the last two summers with the U. S. Forest Service, in the Lolo National Forest at Thompson Falls, Montana. My duties were varied. During the first summer, I worked on fire suppression, fire control (as a lookout), and to a small extent, slash disposal. During the second summer, I worked at trail and telephone maintenance, as a station fireman, as a scaler, and on fire suppression.

Most people on their first jaunt with the Forest Service will work on one or all of the jobs I had in my first summer. Besides this, they might serve as Blister Rust control men, or just general laborers. Most of these jobs, especially B.R.C. and slash disposal are simply a tough, boring grind. However, all of these jobs are done in order to toughen one up for the biggest job of all later in the season—fire suppression. These jobs are also done for prevention of future fires, and, as in the case of B.R.C., to save timber from other types of damage. The lookout is required only in fire suppression when the fire is more readily accessible from his tower than from the Ranger Station.

Many of the men working for their first summer will get lookout work. Why these men become so terrified at this thought, I do not know. Some of my most pleasant days have been spent on a lookout tower. Although a lookout's life is a lonely one, he has plenty of work to do around his tower, such as painting, wood-chopping, etc. Furthermore, being alone on the top of the world gives a man a feeling of being alive; a chance to introspect, and come away a new man.

The second-year man can look forward to increased responsibilities in most cases. He might be placed in charge of small crews of first-year men to work with them and show them the fundamentals of the various types of work. Or, if he is lucky, he might pull a soft job like station fireman. Unfortunately, this job requires great initiative on the part of the individual to keep from being bored by the same routine duties, which include weather observation, maintenance of vehicles, and similar jobs. Also, on this job, one is on a twenty-four hour alert for fire duty. Be it 3 o'clock in the morning or 3 in the afternoon, the station fireman is the first man to go when a fire is reported.

Some second year men might be used in timber sale operations. They might cruise and mark timber or serve at the mill as a scaler. This phase of summer work gives a good deal of practical experience, and is usually the best paid of the summer jobs.

So, if you are a lover of the great out-of-doors and a staunch advocate of fishing and hunting, then take the advice of Horace Greeley's old cliché and "Go West, young man." You'll never regret it. Who knows, you might want to go back to the Forest Service after you graduate. Above all, it gives the student in Management the opportunity to see how this one particular phase of forestry in the field is conducted and may help him decide whether or not he wishes to stay in that field.

Spring Camp, 1955

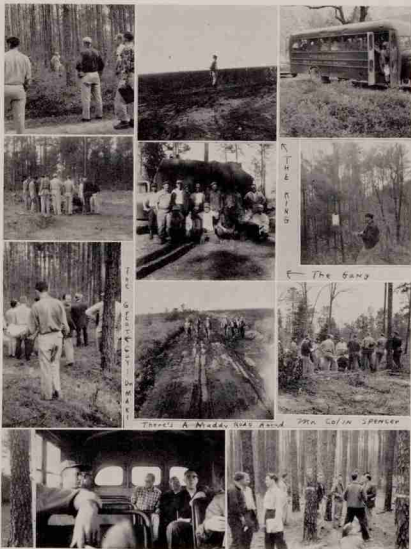
By RAY SLUDER, With Appendix by EARL RAYBURN-'56

Each Spring a naive group of FFM (Future Forest Managers) makes a pilgrimage to Hofmann Forest. I became interested in this annual adventure, and since I certainly wouldn't be naive enough to go down there myself, I asked a little birdie to go along and then to tell me all about it after the whole thing was over and the students had learned their lesson and had subsequently become much less naive. Well, on its way back, that there bird got lost in the Great Opening and didn't get out until the first of January. Consequently, many of the events and highlights had escaped its memory, but the following tale is a fair sample of what it was that went on, took on, came off, or whatever you would call it. The appendix was prepared by Earl (Razberry) Rayburn, one of the students.

It was most difficult to tell if this group of students was naive or just plain nuts. Some of them migrated to the Forest a few days early, to prepare the campsite, it seems. They must have wanted to keep the other students away, because they laid a dust screen as they went out to the camp. They must have been rather short-sighted, though, because that dust screen settled down in about two days, which was a day or so before the others came. One peculiar thing which these earlybirds did was to poke sticks and rubber hoses into a long burrow, trying to run something out. Some allusion was made to a "sewage lion", which is indeed a strange name for a burrowing animal.

Not long after the rest of the migrating flock arrived, they all took to the woods (brush, actually) to inventory the place. Everyone had high spirits that first morning, and each crew entertained the fond hope that it could cruise a mile in a day (they were still naive, you see). They swam a treacherous moat to get to the woods, then attacked the brush with marked enthusiasm. That brush had more replacements than the crews had, though, so after the first day (and the first ten feet of line for each crew) the Doctor gathered all his chicks together to formulate a new plan of attack. The job was finally finished (and so were the FFM), and the results obtained indicated that pond pine grows on the Hoffman Forest. This indication was statistically evaluated and found to be significant at the .00001% level. That bunch didn't say anything about board feet, but were always using another unit of measure, "tired feet".

After the cruising was over, the not-so-naive-now students decided to go on a conducted tour, so they traded their dust-proof truck for a spacious,



"Woodpecker, Hell, that was somebody cocking a gun!"—Slocum

streamlined bus and hit the road. Much soft, beautiful choral music emanated from the bus windows as they rode along. The Duke of the Barr (just what kind of a bar has not become fully clear, but presumably a sand bar) sometimes took advantage of such fertile grounds to preach a sermon. The conducted tour covered much of the eastern sections of N. C., S. C., and Va. If there hadn't been some married birds along who couldn't wait to get back to their lovebirds at home each weekend, that bunch most likely would have deserted and stayed at Myrtle Beach.

The establishment of rice paddies in the Great Opening was an event of singular interest. A great big "hosstrich" of some sort went snorting and puffing back and forth across the desolate waste, ripping out gullies as it went. Those gullies must have been rice paddies, because only rice paddies have standing water in them. The water must have been obtained at a staggering expense, since the surrounding terrain is very dry and is many miles above sea level. One thing was rather difficult to understand—how come those coolies went slop-slopping back and forth all day planting pine trees instead of rice? Someone must have got the seed mixed up.

It seems as how some of the Doctors didn't know what to do with a place called Hill Forest, so they had all the students (now veterans of the battle at Hofmann) trot around over the place, look around, and then go sit down and dream up a plan of management to be followed. Doubtless many intricate and worthy plans were submitted, but at last report the forest was still being managed as a multiple-use forest, with particular emphasis placed on the local grain industry.

Two games of sport were most noticeable throughout the whole eight weeks. One game was called horseshoes and the other was called volleyball. Close observation showed that everyone knew how to play horseshoes, but not quite so with volleyball. It seems that a couple of participants got the game mixed up with bullfighting. To complicate the matter, they didn't take time to figure out who should be the bull and who the matador, but each decided to be the bull and they charged head-on. Immediately upon contact, however, each found that really he had no horns, but one had a peculiarly dislocated nose, which was later relocated satisfactorily and to this day is still located in the same spot.

Well, there you have the tale, folks. One thing disturbs me, though. That cross-eyed gooney-bird told me that he saw someone in that crowd that looked just like me, but I thought that I made it clear right at the beginning of this tale that I just wouldn't be caught with a gang like that. Perhaps I still just can't believe that I'm just as nuts as the rest of them.

APPENDIX

NICKNAMES EARNED IN SPRING CAMP

"A sight on this earth."

Each night at Hofmann Vacation Resort, one could see Daddy Lankford just before bedtime running around in his bright-colored drawers which came down below his knees. We called him—

"Droopy Drawers"

"A way with the women."

Why was it that Duke Barr could get a date when no one else in Spring Camp could? Was it his glib tongue or long line of bull or was he the—
"Greatest Lover?"

"Fresh-air fiend."

John Chapman slept in a separate wing of the barracks with all windows and doors open, even in icy weather. Did he do this because of eating too many beans or was he an—

"Outdoor Man?"

"Always late."

Why was it that Joe Tekel and John Swift did not reach Hofmann Vacation Resort until all the fire wood had been cut? Were they smart or were they—
"Slowpokes?"

"Wandering"

Paul Carson took off to Myrtle Beach early one afternoon to get a haircut. He told no one anything. As a result, the pros had us combing the beach and seining the ocean. He was truly a—

"Lost John."

"Bow and arrow."

Each evening just after supper, Joe Tekel could be seen sneaking through the forest with his trusty bow and arrow. He shall always be known as—
"Robinhood of Hofmann."

"Ouch"

Razberry got a wood tick on a strategic spot on the lower region of his anatomy and Alfero removed it carefully with a hot cigarette butt. Alfero was nicknamed—

"The Painless Surgeon."

"Look out, here I come."

One beautiful May afternoon a dirty-looking fellow drove up in a beat-up looking truck. Prof. Bryant went to see who it was. It was none other than Earl Ray Sluder in what was left of the Green Hornet. He is now known as the—

"Green Hornet Hell Driver."

BIRTHDAY PARTY

Royce Lankford celebrated his thirty-second birthday in the Hofmann Forest messhall. The master of ceremonies was Razberry Rayburn, who started off the program with a song entitled "I'm Gonna Take My Vacation in Hofmann." The words without music were written by Razberry.

Reverend Duke Barr carried on the program at a rapid pace with a sermon on "Nicknaming Children." Razberry then led the entire crew in the happy birthday song. A flashlight was presented to Lankford as a symbol of the shining example he had been while in college. It was also to help him find his way to the John and back nights without tearing down all the bunks.

Lankford then dramatically cut his birthday cake after failing to blow out the candles. Pepsi cola was then served to everyone but John Chapman. He drank milk.

Students in Forest Management

SENIORS

Barr, Basil Duke, Jr., Jefferson
Beal, Raymond Henry, College Park, Md.
Brooks, Marion Thomas, Portsmouth, Va.
Butler, Gordon Lee, Andrews
Calderon, Donald Spencer, New York
Caldwell, Harry Townsend, Maryville, Tenn.
Carson, Paul Blair, Jr., Gastonia
Curtis, Willie Rogers, Otto
Dickson, George Lee, Jr., Greenwood, S. C.
Dozier, William Biemann, Raleigh
Duckworth, Clarence Avery, Morganton
Gibbs, George Sabin III, Chevy Chase, Md.
Green, Gilmer Glenn, Durham
Harrell, King Tyson, Watha
Hood, Claude Adams, Johnson City, Tenn.
Horton, Donald Wilson, Whiteville
Hudson, Samuel Thomas, Jr., Metchn, N. J.
Jones, Dan Coleman, Oxford
Leinbach, Gray Newton, Winston-Salem
McKenzie, William Benton, Rockingham
Martin, Allen Lee, Winston-Salem
Miller, Robert J., Jr., Fayetteville
Price, Cleveland Milton, Jr., Prospect, Va.
Rayburn, Earl, Jr., Marion
Sluder, Earl Ray, Newland
Spencer, Warren Gray, Cape May, N. J.
Swift, John Gaylord, West Cornwall, Conn.
Tayloe, Ralph Pritchard, Aulander
Webb, James Ernest, Jr., Swannanoa
Wilson, Clifton Lawrence, Lenoir

JUNIORS

Adams, Stanford Morgan, Four Oaks
Boulogne, Pierre Maurice, Raleigh
Cimino, Thomas Samuel, Salisbury, Md.
Dowless, Victor Gerald, Acme
Edwards, Jack Dean, Pisgah Forest
Emory, Joe Brandon, Asheville
Erwin, Hamilton, Morgantown
Gurganus, Ralph Franklin, Jacksonville
Kelley, Jack Stewart, Logan, W. Va.
Kunselman, Mahlon Bassford, Fayetteville
Lee, James Marion, Jr., Baltimore, Md.
Norton, Charlie Ray, Highlands
Norwood, Ronald George, Raleigh
Parker, Joel Ray, Charlotte
Pickenheim, Paul John, Tamaqua, Pa.

Stevens, Wilbur Ralph, Sanford
Stevenson, James Conrad, Clemson, S. C.
Taylor, Samuel Allen, Washington
Terzi, Zain-Abidin Hassan, Kirkuk, Iraq
Thorne, Francis Lewis, Ahoskie
Webb, Charles Donald, Clearwater, Florida
White, Miles Jordan, Jr., Windsor
Wood, Thomas Bookhart, Greenville, S. C.
Zoochi, Jerry Levin, Fonder, Ky.

SOPHOMORES

Barden, Edward Watson, Amelia, Virginia
Barlow, Wayne Setzer, Lenoir
Brown, Clyde Russell, Jr., Goldsboro
Brown, Ronald Alan, Greensboro
Carpenter, Gordon Tracy, Lenoir
De Coste, John Harrison, Basking Ridge, N. J.
Donegan, Alfred William, Washington, D. C.
Eakins, Thomas Alexander, Ivanhoe
Earle, Theodore Weeden, Jr., Savannah, Ga.
Fortin, John Broughton, Jr., Decatur, Ga.
Grady, Charles Robert, High Point
Harding, Charles Baker, Emporia, Va.
Hilbourne, Theodore Osgood, Jr., Oakland, Calif.
Hollowell, Alfred Ray, Plymouth
Linderman, William Henry, Pooler, Ga.
Lively, John Hebron, Tampa, Fla.
McThenia, Andrew Wolfe, Jr., Alderson, W. Va.
Maddron, Billy Gene, Concord
Noble, Edward Johnston, Greensboro
Roberts, Jimmy Toy, Rockwood, Tenn.
Salih, Abdul Malik Mohammed, Ana, Iraq
Simmons, Robert Curtis, Whiteville
Summerville, Kenneth Osborn, Charlotte
Thompson, Donald Morris, Gastonia
Towbridge, Kennard Shields
York, Edward Birl, Burnsville

STATE BARBER SHOP

2908 Hillsboro St.

Next to Ferguson's Hardware

Courteous Service

Class-'22

Opportunities in Forest Management

By DR. T. E. MAKI

The total land area of the world exceeds 33 billion acres of which roughly 30 per cent is in some form of forest cover. Forests, therefore, occupy about 10 billion acres, at least half of which is accessible, available, or suitable for commercial production of wood. However, only one-fourth, or 2½ billion acres, is currently used for some commercial production, and high level, intensive forest management is being practised on scarcely more than a quarter billion acres. Even in the United States, a fourth of the commercial forest land area of some 484 million acres is poorly stocked or not stocked at all; and on over half the commercial acreage, the cutting practises since 1917 have still been so poor that growing stock has fallen below levels regarded as minimum for high productivity. These statistics strongly suggest that there is a tremendous amount of work to be done in forest management to improve the volume (and doubtless also the quality) of tree growth on all land dedicated to commercial production of wood.

Effort in the direction of improved forest management on a much wider scale than is now practised seems fully justified in the face of an increasing demand for wood, and is, indeed, essential if we are to supply the requirements of a rapidly expanding industry hungry for more and better trees. Some of the increased demand will doubtless be supplied through both reduction and utilization of materials now being discarded as waste; and some sizeable segment will be supplied through discovery and development of satisfactory processing methods for the many species unused at present, especially in tropical forests. But the main road to wood abundance and the principal reliance on sustained supply in the future must rest on better forestry, including more intensive management, more adequate protection, higher level silviculture, more attention to tree improvement and site evaluation, and other details. These areas, then, constitute the broad field of outdoor activity in which the forest management student will operate and the purpose for which he is trained.

Today, the student of forest management, regardless of location, finds himself in a climate more favorable than has ever prevailed from the time the first American forestry schools opened their doors for business at the close of the 19th century. The opportunities for obtaining both training and an education are unexcelled. The opportunities for jobs are better than ever before, at least in variety and doubtless also in compensation. There are jobs in private industry and in public employe; there are jobs in administrative work and in research; there are jobs as general practitioners and as specialists. Forestry, in fact, is becoming more and more specialized, as management of forest lands is intensified. Making every acre of commercial forest land produce is not going to be a simple task; it will demand the very best in imagination, intelligence, and skills. In these situations, it seems likely that the larger ownerships will begin building teams of specialists who have gained a high degree of competence in one or two fields, such as mensuration and statistics, plant physiology and soils, genetics and cytology, pathology, and entomology. In view of this probable trend,

the forest management student may wish to begin strengthening some field of specialization already in his undergraduate years, and to a greater degree than he may have felt was justified in the past. The opportunities for specializing are already at hand.

Perhaps no discourse on the opportunities in forest management, even though brief, would be quite complete without a reference to the broader challenge of the job ahead. Man has always been, and will continue to be, primarily a creature of the land from which he wrests his food, fibre, and shelter. So long as this relationship exists, forests will continue to play a major role in the well-being of mankind. History shows rather clearly that the highest standards of living have been achieved in those areas where forest practises have ultimately developed to high levels of sustained production; conversely, where forest resources have been seriously depleted or destroyed completely, living standards have fallen, sometimes miserably low. What is cause and what is effect may be a matter of conjecture, but the association is unmistakable. So the student in forest management has here both a broad challenge and also a commandment: "Thou shalt inherit the . . . Earth as a faithful steward, conserving its resources and productivity from generation to generation. Thou shalt safeguard . . . thy living waters from drying up, thy forests from desolation, and protect thy hills from over-grazing by thy herds, that thyself and thy descendants may have abundance forever. . . ."

BUILDERS OF QUALITY

E.D. Jones

STOCK PREPARATION MACHINERY

**E. D. JONES & SONS COMPANY
PITTSFIELD, MASSACHUSETTS**

PAPER IS HERE FOR GOOD!



PAPER COMPANY, INC.
ROANOKE RAPIDS, N. C.

"Creating Paper and Prosperity from Pines"

REFORESTATION . . .

Peering far into the future, the giant paper industry foresees its enormous needs . . . maintains an army of foresters, millions of acres of timberland, to perpetuate vital national resources. Vast-scale forest programs range from seeding nurseries to scientific harvesting. **Everyone** uses paper . . . relies on it, benefits from it in countless ways! Safeguarded by reforestation, paper is here **for good!**

HALIFAX PAPER COMPANY, INC.

Roanoke Rapids, North Carolina

WOODS PRODUCTS MERCHANDISING



Wood Products Merchandising

By BRETNEY SMITH—'56

Any industry dealing with wood and wood products is based on two processes (a) Production and (b) Sales. Sales and Merchandising have the same function: the proper distribution and use of thousands of wood products.

Until recently, Merchandising has been neglected. Orders were taken, but not many companies really "beat the bushes" or made a concentrated effort to sell the public on their products.

Today there are hundreds of new wood products appearing on the markets of the world. The wood products industries realize that merchandising must assume a more important role if these new wood products are to meet the stiff demands of competition, which capitalizes on the disadvantages of wood. In most cases, wood is equal or superior to the competing materials.

The increasing demand for intensive merchandising has resulted in a demand for more graduates trained in Wood Products Merchandising. The enrollment in this particular field has been increasing constantly.

In the merchandising curriculum the student is instructed in (1) business methods; (2) the characteristics of wood; (3) the manufacture of wood products and (4) production and selling methods for the many wood industries.

In any field of study certain intangibles are gained, in that the impressions and opinions of the instructors are instilled in the students. One of these intangibles gained in the merchandising curriculum is the spirit of confidence, a prerequisite of successful salesmanship. The student learns what to expect when he enters the field of active wood products merchandising. He does not look at the wood industry through rose colored glasses, nor through dark glasses, but sees it in its proper relationship to other industries. When viewed in this light, it at once becomes apparent that the field of Wood Products Merchandising offers unlimited opportunities.

The Lumberman's Prayer

Three lumbermen once hid themselves
Behind a slab conveyor,
And kneeling on their patched-up pants,
One offered up this prayer:

"Dear Lord, I know we're crazy,
But we've always been that way,
And if it's not against the law,
There's some things we'd like to say.

"All through the winter we have run,
The weather has been swell,
But we've made too many boards,
And the market's gone to hell.

"Oh, can't you bring a snowstorm on?
Or just a little flood?
Or, can't you touch an earthquake off?
"I would do us so much good.

"The order file hangs like a shroud
Upon the office wall,
The sidetrack is getting rusty,
And the piles are getting tall.

"And we are getting older
As the years slip quickly by,
All we ask is to break even
Just a while before we die.

"Oh, give us trees with lots of clear
And heavy to the acre,
Oh, fill our sheds with high-prices stock,
And then send on a taker.

"Oh, give us belts that don't wear out,
And boilers full of steam,
Oh, give us men that crave to work,
And are not what they seem.

"Oh, fill our bankers' hearts with love,
And school them in affection,
And keep the sheriff and his gang
From coming this direction.

"Now, we're not asking very much,
We're used to being busted
But Lady Luck has left us cold,
She's no more to be trusted.

"And if you can't do all these things,
Why please don't fool aroun',
But give us courage in our hearts,
And guts to close 'er down."

—Philip Neff.

Wood Products Merchandising

SOPHOMORES

Barnes, William N., Lumberton
Clodfelter, Bruce Simmons, 329 Alexander, High Point
Goodman, John Cameron, Salisbury
Hayworth, Thomas Luther, High Point
Malley, Vincent William, Charlotte
O'Quinn, Charles Neill, Lumberton
Shearin, Walter Lee, Roanoke Rapids
Tweed, Charles Warner, Asheville
Westmoreland, Bynum Crawford, West Pt., Va.

JUNIORS

Griffin, Edward Vance, Mashville
Howard, Arthur Leon, Raleigh
McCoy, Henry Lee, Blanchstr, Ohio
Matthews, Kenneth Vance, Kernersville
Morgan, James Alvin, Asheville
Tighe, Richard Rollins, Baltimore, Md.

SENIORS

Burns, James Cooper, Metuchen, N. J.
Jones, John Wilson, Elizabeth City
Monroe, Fred Bethune, West End
Nelson, Roger Alan, Scarsdale, N. Y.
Smith, Edwin Bretney, Biltmore

Wood Products Merchandising Offers Opportunities

By ROY M. CARTER

The success of any business enterprise depends upon the ability of the managers to convey to the ultimate consumer satisfactory products or services. Wood-using industries have realized this for some time and have become actively interested in obtaining men better qualified to apply the principles of scientific management to their business. Progressive industries have recognized that no matter how well a product may be known or manufactured, it must be distributed or merchandised in the best possible manner. Consequently, young men with the proper qualifications and training or experience are in demand.

When we stop to realize that approximately 1/3 of all the men gainfully employed are involved in some phase of merchandising, it is not difficult to see why there are opportunities with the wood-industries. Merchandising, as applied to our wood products curriculum and to activities of the

industry, is not limited to training salesmen. It includes buying as well as selling. It is a technical program involving wood properties and characteristics and their relationship to conversion processes, manufactured products, and the proper use of these products. It emphasizes the business aspects so vital to a successfully operated wood-using industry.

In every business, and particularly in the wood-using industries, three essential functional divisions should exist, i.e., production, research and development, and merchandising. All three are necessary in maintaining a healthy, growing, thriving wood business. No one questions the need for research and development in wood products. But, research alone cannot accomplish the desired results. It must be accompanied by well-trained qualified personnel who can interpret and adopt the results of research and provide a receptive, favorable atmosphere for the continued progress of the wood-using industries.

During the past several decades the wood industries have felt greater competition and, in some cases, have lost markets to other basic structural materials. Today the wide-awake industries are launching merchandising campaigns, surpassing any similar movement in the history of the industry. Industry representatives state emphatically that they need men trained in merchandising who can become key individuals in the management of their business and who possess the creative business judgment required for a successful enterprise.

In 1953, according to the Stanford Research Institute's report on America's Demand for Wood, about 73% of total United States lumber consumption was used in construction, primarily for residential units. Around 35,000 retail lumber and building supply dealers plus thousands of brokers, wholesalers and concentration yards were merchandisers for this material. When the total number of personnel in merchandising organizations is combined with the procurement and marketing personnel in lumber producing mills and remanufacturing plants the number of people engaged in wood products merchandising amounts to an extremely large figure. It seems reasonable to assume that as soon as the industry becomes increasingly aware and familiar with the type of training only recently made available, the call for graduates will be even more out of proportion with the number graduating.

TOP HAT GRILL AND TAVERN

2504 Hillsboro St. Just across from Patterson Hall

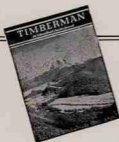
OPEN FOR BUSINESS

You are cordially invited to come in and enjoy the delightful Top Hat Grill-Tavern.

If you are looking for Good Food and Pleasant Surroundings visit us. You will find sandwiches and short orders a specialty.

**\$5.50 MEAL TICKET FOR \$5.00
GOOD FOR MEALS AND DRINKS**

the continuing story of
progress and development
in the vast forest industry
throughout the world!



**What lumber was . . .
what lumber is . . .
what lumber will be**

. . . authentically chronicled in THE TIMBERMAN each issue, revealing the many fascinating facets that combine to form one of the greatest of all industrial efforts.

Your economic growth in your chosen field of endeavor can be materially assisted through constant contact with every phase of the giant forest industry . . . and you can best keep pace with its continuing story by reading THE TIMBERMAN regularly.

**Use it as your blueprint
in building a better future**

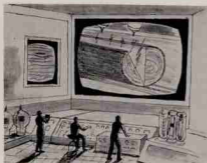
The **TIMBERMAN**

EDGAR P. HOENER
publisher

. . . an international lumber journal,
faithfully serving its field since 1899

519 S. W. Park Avenue • PORTLAND 5, OREGON

Tomorrow?



WOOD TECHNOLOGY

Automation in the Lumber Industry

By C. T. PARSONS

As our world progresses, we find that nearly everything is effected in some way by industrialization, mechanization and automation. However, mechanization and automation have taken quite a while to build up to their present status. Examples of automatic flour mills, present in the late eighteenth century, show clearly the length of time it has taken for us to reach our present level of development. I believe, and this belief is substantiated by many experts in the field, that complete automation is in the not too distant future.

Many people have the erroneous impression that automation is merely mechanization to the Nth degree, and thus their imaginations carry them into the realm of "science fiction". This is certainly not a true concept. Automation was first defined as the "automatic handling of parts between progressive production processes", but the definition has broadened since then.

W. E. Brainard of the Hughes Aircraft Company has defined the term this way: "Automation is more than merely transferring; nor is it "push button" factory. It is a philosophy that may extend back to the design of the product. It is a new method of manufacturing; not necessarily a new way of cutting metal but a way of controlling the various processes. Automation is a philosophy of design, it is a manufacturing method, and it is control within a machine."¹

Though the actual processes and concepts of full automation are still, figuratively speaking, on the drawing board, the added interest in automation has stimulated the thinking of countless thousands of people, and it is a foregone conclusion that many new machines, processes, and products will come into being as a result of this stimulation.

What automation will mean to lumber and its related industries cannot be seen fully at this time, but we know that automation will not leave lumber untouched. It will not only effect the industry directly, but it will have a great impact on the national economy and on industries which compete with lumber.

The main human implication of automation is the need for adjustment of the workers, for his main function will become one of control, rather than performance. This "control", which is a tip-off to the true function of automation, involves planning, computing, testing and adjusting. The process of "feed back" will come extensively into play. Feed back exists when "information about the output at one stage of process is returned, or fed back, to an earlier stage so as to influence the action and hence change the output itself."²

¹Parsons, C. T., "The Automation Theory", *Southern Lumber Journal*, Vol. 50, No. 9, September, 1955, page 20.

²Parsons, C. T., "The Automation Theory", *Southern Lumber Journal*, Vol. 59, No. 9, September, 1955, page 20-22.

These statements show the broad scope of automation, but you are probably wondering how it would effect the lumber industry. With this article, I have included some pictures from *The Southern Lumber Journal* which illustrate what may be coming in the near future.

The first illustration shows tomorrow's sawmill on which "the sawyer will operate from a master control room—with a mammoth TV screen showing him the log as it arrives in the outside cutting room—and an X-ray picture of the grain of the log to guide him as he positions it for the best separation. The log will be sliced by an invisible cutting ray—leaving boards smooth, edged and planed—and producing no sawdust."³

The second illustration shows a new type of logging in which "gigantic logger-type helicopters will be used to remove trees that otherwise would be inaccessible."⁴ Possibly this same equipment will be used in swamp logging.

The third illustration shows the prediction of the lumber industry "that live, growing trees will be injected with hormones, radioactive materials and other stimulating substances to pre-season the wood—create fire resistant qualities—and, of all things, to stain the wood in desired colors while the tree is growing."⁵

In addition, lumber may be graded automatically, that is by means of electronics and photography.

Addressing the North Carolina section of the Forest Products Research Society, Mr. Milton H. Mater, of Corvallis, Oregon, suggested the following five-point program to bring automation to the lumber industry:

"(1) INTEGRATION—Integration means that the Industry as a whole, including sawmills, pulp and paper mills, plywood and hard board plants, works together for the best utilization of available logs.

"(2) UTILIZATION—First the efficient conversion of logs into primary wood products including lumber and veneer. Second, the utilization of the wood residues into merchantable by-products. Much fundamental and applied research is needed.

"(3) MECHANIZATION—While our competitors have advanced to the stage where they use machines which run machines, the lumber industry still argues whether we need a setter on the carriage, or whether we can do without the off-bearer and whether an automatic deck will work.

"(4) EDUCATION—To achieve automation, management must first acquire the engineering attitude which says: 'Everything and anything can be done.'

"(5) IMAGINATION—Automation is the product of imagination on the part of many men. Without imagination the lumber industry cannot achieve automation. The 'impossible' today may be only the 'difficult' tomorrow, and the 'difficult' of today the 'easy' of tomorrow."⁶

In these ways we can keep the lumber industry marching forward with the other industries of the nation. By these means we can increase the hope of a brighter and more productive tomorrow through automation.

³ Parson, C. T., "The Automation Theory", *Southern Lumber Journal*, Vol. 59, No. 9, September, 1955, page 20-22.

⁴ *ibid*

⁵ *ibid*

⁶ *ibid*

A Wood Tech Nightmare or Education Marches On

Softwoods are made up of trachoids, some genera such as *Tseudotsinga*, *Lorax*, *Pinus*, and *Picia* contain resin canals. The canals may be longitudinal or transverse in the stem. From resin we get rosin and turpentine. Other conifers such as *Fur*, *Psuga*, *Cyprus*, *Chaecyparries* do not contain resin canals. They are all perennials.

Hardwoods are made up of many fibers and pores. Fibers give strength and pores carry nutrients. Some contain small rays like *Castanea*, others have aggregated rays like *beech*. Rays are responsible for the distillation of carbohydrates. Wood parenchyma is also present and may be seen as medullary rays, paratracheal, or terminal.

Wood is used for many things. Toothpicks are made from *burch*, airplanes from *sitka spruce*, axe handles from *hickory*, fence posts from *sassafras*, furniture from *monghany*, plywood from *poplar*, and mallets from *locust*.

P.S. If you cannot find the misspelled words, come to see me and we will hunt together.

G. K. Slocum

A Technologist's Summer Work Experience

By JOE LAWSON-'57

To all you skallywags in the Forestry Department who haven't gotten your acceptable work experience—you had better get it! Without it you ain't gonna graduate. It ain't as bad as it seems, I am still living.

I am one of them wood technologists and my work experience really gave an idea of what to place emphasis on in my courses.

In this here plywood plant I was working in, I did work at one time or another work on every operation from hunting the "panel stretchers" to beating around each stack of panels to scare away the "plymite"—them insects that eats plywood.

One day the bosses came up and told me to go feed the hog. I was so tired of being kidded I just told him to go to hell. Well, I almost got fired and I would have too, if everybody else hadn't busted out laughing. Man, was I lucky? It ain't everyday that you can tell your boss to go to hell and get away with it. I ain't bragging tho; he made me sweep the mill from one end to the other.

If you don't watch out, them old codgers in the mill will have you work for them while "they go out." I was working in a shut-off part of the mill for one of them for a while and when he finally returned, in about an hour and a half, with his belly full of catfish and ice tea, he just stood there spittin' 'bacca and laughing and said, "Buddypie, ain't it a shame the dinner whistle didn't blow?" And he busted out laughing some more until he swallowed his plug of 'bacca and then I laughed, too.

Yep, you'd better get your work experience in soon, you don't know what helpful information you might learn.

Graduate Training in Wood Technology

By DR. JAMES S. BETHEL

The graduate program in wood technology is designed to provide superior undergraduate students with the opportunity of acquiring intensive training in the methods of research. Graduate training differs from undergraduate training largely in that it concerns itself much more with the meaning of facts than it does with the accumulation of facts. The graduate program is flexible and permits the student much latitude in pursuing a field of specialization of his own choosing. The program consists of two parts:

1. The first part is a tailor-made course program that enables a man to prepare himself better in the area of his specialization.

2. The second part is a research program leading to some contribution to knowledge in the field of wood technology. This research experience culminates in the preparation of a thesis describing the results of the student's research.

The primary role of the graduate program is to encourage students to think, to have new ideas, and to move back the frontiers of knowledge. Nowhere is this more important than in the field of forest products. The U. S. Forest Service in its account of the work and aims of the Forest Products Laboratory has stated "Research must aid in solving many difficult problems—how to utilize more efficiently the small-sized and second-growth trees that will form the bulk of our future forests; how to secure useful service from the many wood species that are now used little if at all; how to turn to economic account the large wastes that occur in the conversion of trees into commodities; how to secure greater service and economy from wood through selection of material, control and modification of its properties, improvement of treating processes, and the development of new and better methods of wood fabrication and conversion". Industry too recognizes the importance of pushing back the boundaries of ignorance. The Weyerhaeuser Timber Company in its 1954 annual report to its stockholders said: "Increasing competition puts a premium on research and development to improve existing products and methods and to find new uses for wood which will lead to more complete and profitable utilization of the forest crop". In 1954, too, Mr. Ralph R. MacCartney, President of the National Lumber Manufacturers Association stated: "Lumber's retention of a reasonable share of present markets and a greater portion of new markets will depend, to a large extent, on technical developments in the wood products industries in the next few years".

Because of the increasing awareness on the part of industry of its need for men with inquiring minds and the ability to use the research method in approaching and solving industrial problems, the demand for men with graduate training far exceeds the supply. This is leading to the expansion of graduate programs in wood technology and this very expansion has created more demands for men with graduate training to fill positions on university staffs. There is every reason to believe that the need for men with this higher level of training will become greater with every passing year.

To obtain a master's degree requires a minimum expenditure of time of one year beyond the bachelor's degree. To earn a doctor's degree requires

a minimum of three years' training beyond the bachelor's degree. In these days of ample job opportunities the superior college graduate may well ask himself the question, is this extra investment in education worthwhile? There is ample evidence to suggest that it is. Universities and industrial research organizations generally insist upon graduate training for men who are entering upon careers in teaching or research. More than half of all graduate students in wood technology go directly into production and sales positions with industrial organizations. Here, too, the training in problem analysis and lucid exposition has usually resulted in rapid advancement. History suggests that the man who has the intellectual tools and the interest in scholarship required for success in a graduate program will find the investment required to permit him to engage in it is amply repaid in many ways.

Wood Technology

SOPHOMORES

None

JUNIORS

Armit, Edward Dean, Turtle Creek, Pa.

Al-Hadithy, Abdul R. O., Box 5341, State College Station

Lawson, Edward Joseph, Dublin, Ga.

SENIORS

None

Jobs for Wood Technologists

By ROY M. CARTER

The wood industry in North Carolina has more plants processing, using, and distributing wood products than any other industry. More men are employed by the wood industry than by any other industry with the exception of textiles. These two factors plus the interest shown in our Wood Technology graduates indicates a real opportunity for young men who desire to affiliate with an industry that is beginning to feel the need for technical training in their operations.

Further evidence of the potential demand for wood technologists is clearly shown by the number of men specific industries have employed. One veneer and plywood plant has six wood technologists performing such varied functions as a laboratory technician, assistant superintendent, quality control supervisor, production supervisor, purchasing agent and department foreman. If 50 other veneer and plywood plants in the region employed an average of only 3 wood technologists each, 150 graduates would be required.

In the furniture and dimension stock industry, wood technologists are employed as superintendents, assistant superintendents, yard and kiln foreman, quality control supervisors and methods and standards technologists. There are approximately six supervisory and technical positions in the

average furniture plant. One dimension stock plant and a furniture plant now employ 6 men with wood technology training. If the 300 furniture and dimension stock plants in the southern area employed only 2 men each, 600 jobs would be available.

A further look at the crystal ball of potential opportunities shows over 150 lumber companies that could use a wood technologist very effectively. Several chipboard plants, glue companies, and a number of concerns supplying materials to the wood industries, or conducting research and development projects for the wood industry are looking for one or more wood technologists. The total of the above potential jobs men with wood technology training could perform satisfactorily is over 900. Fantastic as this may seem, the number of plants (not companies) mentioned above is very conservative and eventually the need for men could far exceed this guesstimate.

A look away from the crystal ball (or the New Year's fog) shows no real stampede for wood technologists. Many concerns are only beginning to feel the need for young men with technical college training. Some companies do not know such a training program exists. Even the most wide-awake wood industries are naturally cautious and want to see-for-themselves just how this new college product (our first graduates were class of '50) fits into their supervisory group. Like any other young technical and professional group the graduates will have to demonstrate their ability. To date all graduates have done well, some exceptionally well, and as a result more requests are being received as indicated in the above summary of requests for utilization graduates in Wood Products Merchandising and Wood Technology.



**ASTEN
DRYER
FELTS**

"ECONOMY IN THE LONG RUN"

ASTEN-HILL MFG. CO.

Philadelphia 29, Pa.
Walterboro, S. C.
Salem, Ore.

ASTEN-HILL LIMITED

Valleyfield, Quebec

CONGRATULATIONS FORESTRY GRADUATES

—As the demand for more forest products increases each year throughout the South, foresters are faced with the challenge of providing continuous crops of quality trees for all industry.

—This is both a challenge and an opportunity to the profession—whether you enter into industry, government or private forestry work.

—We congratulate you and wish you much success!



INTERNATIONAL PAPER COMPANY

SOUTHERN KRAFT DIVISION

MOBILE, ALABAMA

Mills located at:

Georgetown, South Carolina

Panama City, Florida

Mobile, Alabama

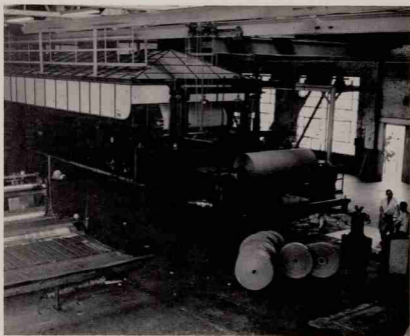
Moss Point, Mississippi

Natchez, Mississippi

Bastrop, Louisiana

Springhill, Louisiana

Camden, Arkansas



PULP AND PAPER TECHNOLOGY

Summer Work

By WAYNE WRIGHT—'59

Walking into a paper mill you will find it to be different than what you thought it would be. They smell on the inside to. I worked in the maintenance department of the Lynchburg division of the Mead Corporation. It was rumored that my foreman had his home paid for for going around to the neighbors after he got off from work and telling them "You can't smell it today can you". However after working for three months in the midst of the cooking chips, the stagnat stock, the milldewed chips and the dirty liquor I learned not to notice the smell. Mama and my friends seemed to think it got worse whenever I came around. I never noticed it.

While working among the men at the mill, I learned all the tricks to the trade. You never go in person and gripe about anything; you let the union do it for you. This action is very effective until you get angry with the union. I never did figure out what you do when that happens.

Working in the maintenance department I had an opportunity to see how everything works. That alone was worth the pounds I sweated off in the steam. Next to a fertilizer factory, a paper mill gets the prize for worse smelling. Nothing could beat a paper mill for the heat. Once a week the condensate pump is bound to need packing. This pump is used to take the steam out of the driers and reuse it in another drier. Working there was the prize for the week. We all sat around and waited with baited breath to hear that we could pack it.

Last summer we put a new section of driers on one of the machines. That was a really rewarding job. I put 93 hours one week in on that job; when we finished, it really was great to see the paper curl down the stacks and on to the roll.

Jobs like that came everyday to us in the maintenance gang and when we finished and saw the different machines start up we all felt like we had accomplished something.

Another job which I enjoyed because of what it taught me about mill operation and because of the achievement, was the installing of new rolls on the decker in the pulp plant where part of the stock was made. Watching the stock come off that roll, after that, was great.

I guess working in the maintenance gang I learned everything I could have in such a short period of time. The job held your interest because you never know what you are going to be doing next. One minute you might be working on the yard engine and the next the machine could stop and before you knew it you were on a job which was vital to production, jobs which held up the whole mill and everything depended on your getting them done. For instance, one day we were working at the pulp plant cleaning a pulp refining machine when the foreman told us that we and a bunch of other guys were needed to change one of the driers on No. 1 machine. Naturally the machine had to be stopped while we worked, the longer we took the more it cost the company. When you finish a job like that you have a right to feel good.

I think the best I ever felt this summer was the once or twice that I figured out how to do something before anyone else. It wasn't often but it helped the old moral.

Starting with the log I'll run through the mill now and take you on a maintenance man's tour. The log comes on a flat car from the wood yard (we used white oak for pulp). From the train, the log is taken up a log chain to the drum barker. The maintenance man's job here would be to install new links. In the drum barker it is debarked and goes from there to the chipper where it is chipped up. We changed the blades on the chipper several times. That's really great sport; you never know when the old arms going to go. From the chipper the emulsified log goes to the digester where it is cooked in a sulphate liquor under steam pressure. From here it goes with its newly acquired softness to the Bauer Mill where it is ground up a little more and mixed with hot water. From here it goes to the Jordans where it is again ground up. We had a great time changing a Jordan plug one day. The hot stock gets in your shoes, hair, eyes, etc. But even greater than the hot stock was the trying to get it in the elevator, that was where I learned some words I know I would never have learned anywhere else. From the Jordan the stock goes through a U drain to the chest where it is stored. It was in one of those drains that I dropped a 10 inch crescent wrench. Never did find that thing. From the chests, the stock goes onto the wet end of the machine. Here it decides what it wants to be when it grows up: paper bag, tube, cigar box, picture of Jane Russell, or toilet paper. It makes no difference, but when it gets that far it had better decide quickly because the machine runs 960 feet a second. Seconds later it is on a roll and within a week most of it is a finished product.

Yes an education, a smashed hand from a mis-guided hammer, heat, dirt, new language, labor management relations, and a real gone-down right pleasant odor can be discovered after you first walk through the portals of a paper mill.

Wins Scholarship

By CHRIS TABOR—'59

Richard Alton Crumpler has been awarded a scholarship by the Southeastern Division of the American Pulp and Paper Mill Superintendents Association. Annually the Association has presented a \$200 scholarship to the outstanding junior in the School of Forestry. This year the award was designated to the outstanding junior in the Pulp and Paper Technology curriculum.

A North Carolinian from Roanoke Rapids, Richard is a veteran of military service. One of our married students, he is the father of three children.

Presentation of the award was made at a faculty meeting of the School of Forestry by T. R. Barnes, division chairman of the Association.

Job Opportunities In the Pulp and Paper Field

No other industry offers greater opportunities to the young man about to choose a career than the Manufacturers of pulp and paper. No American industry offers a greater diversity of employment, for this industry must have Foresters, Engineers, Chemists, Accountants, Salesmen, Personnel and Public Relations Experts, and a host of other specialists too numerous to mention here.

The manufacture of Pulp and Paper ranks sixth in size among American industries. It is a growing industry and now requires more technical personnel than can be readily made available at the present time. Therefore graduates in this field will practically have their pick of locations and jobs. The man who enters the paper industry will be getting into a stable industry free from fluctuations in activity and employment. This industry holds a wide opportunity for rapid advancement. Job openings now available include opportunities for pulp and paper technologists, plant chemists, quality control specialists, and production trainees. As they gain experience they will be advanced to such positions as Wood Yard or Wood Room foreman, chief chemist, Recovery Room Foreman, Quality Control Manager, Bleach Plant Superintendent, Research Director and Pulp and Paper Mill Superintendent. Beyond this level are many positions of an executive character in personnel procurement, public relations, purchasing, sales and management.

Besides jobs in Pulp and Paper mills, a graduate Pulp and Paper Technologist will find jobs available in the related fields such as publishing, photography, cellulose chemistry, advertising and any other field where paper or a paper product is made, utilized, or desired.

Pulp and Paper Students

- Arthur Chase Ambler, Jr.; Soph., Asheville, N. C.
George Henry Andrews, Jr.; Junior, Pittsboro, N. C.
Will Parker Andrews, Jr.; Junior, Raleigh, N. C.
William Rhodes Ballard, Jr.; Junior, Asheville, N. C.
Wallace Davis Blalock; Soph., Winston-Salem, N. C.
Herschel Herrin Cabe; Soph., Sylva, N. C.
Vito Anthony Ciliberti; Senior, New York, N. Y.
Richard Alton Crumpler; Jr., Raleigh, N. C.
David Humphrey Dillard, Jr.; Junior, Sylva, N. C.
Ernest Calvin Franklin; Soph., Lynchburg, Va.
Horace William George, Jr.; Junior, West Pt., Va.
Roy Nathan Harding; Soph., Raleigh, N. C.
John Oliver Johnson; Junior, Jacksonville, N. C.
Ernest Lewis Ross; Soph., Cleveland, Tenn.
Ronald James Rough; Junior, Mineola, N. Y.
Micheal Slaiman Al-Simaani; Junior, Raleigh, N. C.
David Boyce White; Junior, Franklin, N. C.
James Derwell Williamson; Soph., Canton, N. C.

Pulp and Paper Scholarships

By WAYNE WRIGHT-'59

The current enrollment in the Pulp and Paper curriculum is as follows: seniors, 1; juniors, 10; sophomores, 11; freshmen, 32.

In order to overcome the deficiency of students majoring in the pulp and paper curriculum, the Advisory Committee of the Pulp and Paper Foundation in a meeting in 1954, voted to establish a number of scholarships sufficiently attractive to enable the School of Forestry to compete for students with other institutions and other schools on the State College Campus who had scholarship programs already underway. The results of the campaign to secure good candidates for these scholarships are reflected in the increased number of students in the present freshman class.

In order to approach prospective applicants, member mills of the foundation arranged meetings of interested high school students at their mills. At all these meetings, mill executives and members of the college staff talked to the students and gave them literature pertaining to the paper industry and the Foundation scholarship program. These meetings were instrumental in securing 34 applicants for the scholarships. Of these 16 received scholarships. Ten were worth \$600 each and are renewable for four years if the students hold satisfactory grades, five were worth \$300 each and there was one scholarship grant of \$50. The winners of those scholarships are listed below.

James S. Jackson, Plymouth, N. C.

Paul D. Walker, Old Hickory, Tenn.

Richard D. Bickel, Easton, Penn.

Ernest P. Capel, Pisgah Forest, N. C.

Harold M. Morgan, Candler, N. C.

Albert J. Rhodes, Brevard, N. C.

David H. Dillard, Jr., Sylva, N. C.

David Wayne Wright, Jr., Lynchburg, Va.

John P. Clardy, Jr., Georgetown, S. C.

David C. Borne, Georgetown, S. C.

George H. McEachern, Wilmington, N. C.

Wallace D. Blalock, Winston-Salem, N. C.

Ernest C. Franklin, Lynchburg, Va.

Charles V. Burgess, Pisgah Forest, N. C.

Herschel H. Cabe, Sylva, N. C.

Ronald D. Cruea, Cedarville, Ohio

"They use lye, or dead squirrels."—Slocum

Specify
Columbia-Southern
caustic soda
chlorine
soda ash



**courteous, efficient,
prompt service**

**COLUMBIA-SOUTHERN
CHEMICAL CORPORATION**

SUBSIDIARY OF PITTSBURGH PLATE GLASS COMPANY
ONE GATEWAY CENTER, PITTSBURGH 22, PENNSYLVANIA

DISTRICT OFFICES: Cincinnati • Charlotte • Chicago • Cleveland • Boston • New York • St. Louis
Minneapolis • New Orleans • Dallas • Houston • Pittsburgh • Philadelphia • San Francisco

IN CANADA: Standard Chemical Limited and its Commercial Chemicals Division

A Member of the Pulp and Paper Foundation



ACTIVITIES



The Forestry Club

OFFICERS

Fall		Spring
Charlie Webb	<i>President</i>	Paul Pickenheim
Earl Rayburn	<i>Vice President</i>	Ralph Gurganus
Jack Kelley	<i>Treasurer</i>	John Lively
George Dickson	<i>Secretary</i>	John DeCoste
Paul Pickenheim	<i>Program Ch.</i>	Jack Kelley
Jack Kelley	<i>Asst. Program Ch.</i>	Al Brown
Gordon Butler	<i>Sgt. At Arms</i>	Chris Tabor
Paul Carson	<i>Rolleo Ch.</i>	
John Lively	<i>Assistant Rolleo Ch.</i>	
Ralph Tayloe	<i>Assistant Rolleo Ch.</i>	

The Forestry Club had another eventful year. From the first meeting until the last, interest ran high among the faithful members. Varied programs, social events, and special projects were carried out during the year.

Shortly after the opening of school in September a new slate of officers were elected with Charlie Webb as President. Under Charlie's capable leadership interest was aroused in various activities. Programs on Tuesday nights consisted of movies, speakers, skits and music. Committees worked on the Rolleo, the High School day, the Dr. Fox Memorial and other special events. The Rolleo, which was held in the Fall at Hill Forest, was a tremendous success.

Second semester saw the Loggers Brawl become the main event for the Club to sponser. Hill Forest again was invaded by a host of future foresters and their dates for an evening of square dancing and mountain music. One of the new activities of the Forestry Club during the past year was the renewal of the Associate membership in the Club for members of the faculty who teach allied subjects to forestry majors.

As we look back this was a memorable year for the foresters. Seniors can look back on his year with many fond memories while underclassmen can look ahead to the fellowship and good times they have in store for them in this organization.

Jim Webb '56

"Don't take it as a lot of 'Slocum Bull', I didn't have anything to do with it."
—Slocum

THE ROLLEO



The Rolleo

By CHARLIE WEBB—'57

When the freshmen left Kilgore Hall the Saturday morning of October 29 to go out to Hill Forest, the day showed promise of being one for the birds—the ducks, that is. However, by the time "the green bus" made it to camp, it had stopped raining and the sun was shining through here and there.

The upperclassmen began rolling into camp around 11:30 and by one o'clock, enough people had arrived to begin the volley ball tournament. The seniors beat the freshmen and went on to play the juniors, who were able to muster up a team to beat the sophomores. The juniors fought gallantly to win those four points for first place, but it seems that they didn't get quite enough practice in summer camp.

Gordon Butler and "Mac" MacKenzie, the "horseshoe sharks" of summer camp, threw ringers around anything the freshmen, juniors or sophomores could put up against them in horseshoes.

Long-legged senior Don Horton played "grasshopper" and broad jumped near 'bout a half mile, but David Winkler, cheered on by the sophomores, provided a bit of stiff competition to come second.

Ronnie "Tonto" Cruca won first place in archery for the freshmen, and hillbilly Jack Edwards ran a close second to give the seniors three more points.

Gilmer Green and Allen Martin proved to be the only "Paul Bunyons" in the crowd and won the log-bucking contest for the seniors. The "Paul Bunyon Juniors", oddly enough, were the freshmen instead of the juniors.

Vito Ciliberti won the rifle shooting for the seniors (this proves that he can hit the broad side of a barn), and John Hardy placed second for the freshmen. Jack Kelley, in his rabbit-skin, squirrel-tail, and what-have-you hat, stepped up with his dad's casting rod and won the bait casting contest for the juniors. Jack must have gotten his practice fishing for catfish last summer in the river below camp.

Vito Ciliberti took another first place for the seniors by proving that chinning is nothing but a matter of muscle over gravity. Herbert Vitale took second for the sophomores, but Arthur Howard found that the stairs he was trying to climb just didn't help to get over the bar those last few times.

Senior Gilmer Green showed us that those Durham County moonshiners have pretty much "umph" to back them up, and he jerked John Hardy off his feet to win the Indian hand wrestling for the seniors.

After the hand wrestling, everybody moved down to the bridge for the stone throw, rope climb, and foot race. Hillbillies Gordon Butler and Hamp Erwin threw rocks a country mile up the river, but it seems that a country mile in Gordon's part of the mountains is a little longer than one in Hamp's section. Gordon won first for the seniors; Hamp won second for the juniors; Bill Linderman, third for the sophomores; and Gary Dozier, fourth for the freshmen.

The bridge was cleared of all rocks and pebbles for the foot race so there would be no turned ankles. Those ten inch boots were picked up and put down mighty fast. Stewart Gregg won first for the freshmen; Don Horton won second for the seniors; Jim "Burley" Stevenson won third for the juniors; and "Bettle-Bom" was John Fortin for the Sophomores.



The Strain



The Grunt



HAWKEYE



A Bull??



Athen



The Old Pros.



Freshman Try



The Onlookers

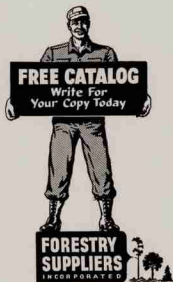
Next the monkeys got a chance to swing on the rope in the rope climbing. Don Calderon proved to be the "ape" of the crowd and won first for the seniors by climbing the rope in seven seconds. Hamp Erwin proved to be just a plain monkey and won second for the juniors with eight seconds. Herb Vitale won third for the freshmen, and Bill Linderman came in fourth for the sophomores.

The tug-o-war proved the most tiring part of the day when each class tried to prove that it had the most lead in its lower extremities. As was to be expected, the seniors won first in this, the freshmen second, the juniors third, and the sophomores last.

The grand final was "baccar-spittin" for distance and accuracy. It looks like we have an up and coming "Bill Huxter" (?) in the freshman class, because Tom Davis walked away with first for both distance and accuracy. Jack Kelley put some of his air to use to win second in distance for the juniors, but he didn't do so well in accuracy. "Whip" Wilson beat him to win second in accuracy for the seniors.

The final scores were: 52 for the seniors, 42 for the freshmen, 34 for the juniors, and 22 for the sophomores.

Following the "baccar-spittin", the awards were presented. Don Horton presented the Xi Sigma Pi axe to Charles O'Quinn, the sophomore who had the highest average his freshman year. Charlie Webb presented the Forestry Club *Forestry Handbook* to Joe Lawson, the junior who had the highest average his sophomore year. This was the first time this award has been presented. Mr. James Thompson of Homelite Corporation presented two \$250 scholarships to senior Willie Curtis and junior Charlie Webb.



Your Headquarters

For Forestry Supplies

Forestry Suppliers, Inc. is in business to supply you with tools, equipment or services. Our inventory of specialized forestry equipment is the largest in the world. You can get what you want from *Forestry Suppliers*—quickly.

Wouldn't you like to have your own compass, diameter tape, increment borer, tally book or other personal use item? You can get them all from *Forestry Suppliers, Inc.* Remember we are always as close as your nearest mailbox.

Box 8305 Battlefield Station
Jackson, Mississippi

"We supply forestry—goods
and services"



Xi Sigma Pi

By D. WILSON HORTON—'56

Xi Sigma Pi is the oldest and largest national forestry honorary fraternity in the United States. The national fraternity was founded in 1908. Mu chapter of North Carolina State College was founded in 1940, and is one of eighteen active college chapters.

The objectives of Xi Sigma Pi are to secure and maintain a high standard of scholarship in forestry education, to work for the up-building of the profession of forestry, and to promote fraternal relations among earnest workers engaged in forestry activities.

The fraternity consists of active, associate, and honorary members. These members are chosen for their scholarship, interest, and activity in the School of Forestry, and contributions to North Carolina State College. Election into the fraternity is dependent upon composite rating rather than upon scholastic ability alone.

Xi Sigma Pi gives two awards each year to deserving students. An axe and a forestry handbook are presented each year to the Sophomore, who during his Freshman year, compiled the highest scholastic average of his class. This award is usually made at the annual Rolleo. At the end of each year, the graduating Senior with the highest scholastic average for the four-year period has his name engraved on the Paul Bunyon Axe in the forestry lounge.

Xi Sigma Pi sponsors noted speakers during the year who give talks on various phases of forestry work and associated subjects. The fraternity assists the school in numerous activities such as the annual High School Day and other activities.

Xi Sigma Pi is always interested in furthering the forestry profession in every way possible.

Officers: *Forester*, Wilson Horton; *Assoc. Forester*, Allen Martin; *Sec'y-Fiscal Agent*, Vito Ciliberti; *Ranger*, Willie Curtis, Bob Miller; *Advisor* Dr. T. E. Maki.

Faculty: Barefoot, Bethel, Bryant, Carter, Libby, Maki, Miller, Preston, Slocum, Wyman, Hart, Hitchings.

Students: Andrews, Ciliberti, Curtis, Dallus, Dozier, Duckworth, Horton, Lawson, Martin, Miller, Monroe, Norwood, Pickenheim, Price, Sluder, Stevens, Stevenson, Webb.



Webb and Horton

The Xi Sigma Pi Awards

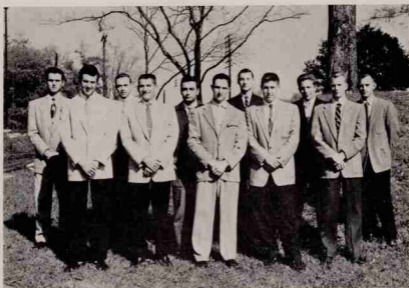
By ALLEN MARTIN—'56

As in past years, Xi Sigma Pi presented its annual award to the sophomore now who compiled the highest average during his freshman year and is still pursuing a forestry degree. Charles O'Quinn, Lumberton, N. C., was this year's winner. Wilson Horton, Forester of Xi Sigma Pi, presented Charles with the traditional axe and a *Forestry Handbook* during the annual rolleo.

A unique situation developed as final averages were compiled last spring. Royce B. Langford, Rt. 3 Franklin, Va. and Bobby Joe Larkey, Hazard, Kentucky tied for top graduating honors. Both of these gentlemen finished with numerically the same scholastic average correct to the sixth decimal place. As in past years, Xi Sigma Pi recognizes the graduating senior in forestry with the highest over-all average compiled while at N. C. State by engraving his name on the Paul Bunyon Axe. In keeping with the tradition both names will be inscribed upon the axe signifying top honors and the unique tie.

At the Logger's Ball on March 17 at the Hill Forest, Xi Sigma Pi made another recognition. Forester Horton presented Jim Webb from Swannanoa, N. C. a certificate of outstanding achievement while a student at State College. Jim has done many notable things above the call of being a student for the good of the Forestry School and his classmates.

Pinetum Staff



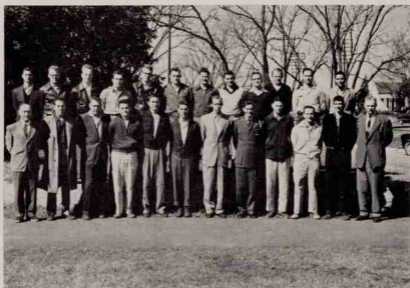
Editorial

Billy Dozier, *Ed.*
Charlie Webb, *Ass't. Ed.*
Gary Dozier
Chris Tabor
David W. Wright, Jr.
John Lively
Jack S. Kelley
Donald S. Calderon
Paul Pickenheim
Harry Caldwell

Business

Vito Ciliberti, *Bus. Mgr.*
Paul Pickenheim, *Ass't. Bus. Mgr.*
John DeCoste, *Ass't. Bus. Mgr.*
Art and Photography
Charlie Webb
Paul Pickenheim
Jack Kelley

"Did I tell you about the time the bear got his tail burned in a fire down on the Hofmann Forest?"—Slocum



Forest Products Research Society

President—Fred Monroe, Jr.

Vice-Pres.—Thomas Weir

Secretary—Bretney Smith

Treasurer—Edward Shook

The Student chapter of the Forest Products Research Society was established here at N. C. State College five years ago. The purpose of the F. P. R. S. Student Chapter is to provide an opportunity for students interested in forest products and related fields to gain valuable information and to be informed about important developments in the wood using industry. The membership of the Student Chapter is composed of students in four curricula: Wood Technology, Wood products Merchandising, Pulp and Paper Technology, and Furniture Manufacturing and Management.

Student Chapter meetings, held once a month during the school year, have covered such varied subjects as Chipboard Manufacturing, Lumber sales and Services, Plywood and Veneer Sales Organizations, New developments in glues and gluing and the increasing use of paper products in manufacturing. Representatives from industry have pointed out the need and the opportunities for technically trained personnel and college graduates in the wood using industries.

In addition to the many benefits gained through active participation in the Student Chapter of the Forest Research Society, student members may receive the Society's *News Digest* and the *Journal*. These two publications are excellent reference material for writing papers and reports and supplement regular course work.

"Will This Happen to You?"

When you've gone to school four toilsome years
And got your sheepskin by the ears;
When you've said goodbye to all the boys,
To co-eds, fun, good times, and noise;
You turn to the woods with expectation
Of fame and wealth in swift rotation.
You hit the ball from dawn till night,
You soon become an awful sight:
The squirrels become your associates,
You eat your grub from old tin plates
Your hair grows out in great profusion,
And life is just one long seclusion.
So time drags by, your hair turns gray,
"It's sure too bad," your old friends say;
"That a man with the brain of a financier
Should be a Logging Engineer."

—F. B. Willert.

CHAPMAN CHEMICALS PRESERVE THE VALUE OF FOREST PRODUCTS

- | | |
|---------------------------|---|
| Ambrite | • Protects logs from ambrosia beetles and other insects, prevents stain and mold damage. |
| Permatox 10-S | • Effectively controls sap stain and mold in green lumber . . . both softwoods and hardwoods. |
| Sealtite | • Prevents costly end-checking of green timbers during the curing process. |
| Penta Preservative | • Protects wood from decay and insects, will not swell, check or distort lumber. |



**CHAPMAN
CHEMICAL
COMPANY**

CHARLOTTE DISTRICT OFFICE

Memphis 1, Tennessee

1425 Scotland Ave.

Charlotte 7, N. C.



"Down Yonder"



Sam & better half



The Judges



Strong Silent Type



The winners



and the feet did fly

The 1956 Logger's Ball

On March 17, a bright and nippy day she was, over a hundred hearty young foresters and their dates brightened the Hill Forest camp with Barbeque eating, square dancing, and fireside singing. Pierre Boulogne, planner and chef, did a great job of providing a Ball that had no equal in the memory of those attending.

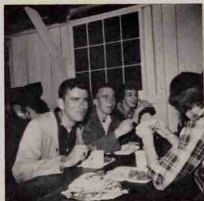
About 3 p.m., a few couples came out early to look the place over and to fire their 22's from the bridge. One of the girls couldn't be persuaded to fire the rifle, a nurse I believe she was, but the rest had a good time trying to hit the floating objects.

When the sun first started dipping in the west, Pierre with the help of Profs Slocum and Bryant served the best Barbeque this side of Montana. After everyone ate all they wanted, especially Leonard who had several helpings and was declared winner, the group adjourned to the big cabin where fire-light staring and group singing was enjoyed by all. When eight o'clock rolled around, a band of local musicians started making the best music ever to rise through the barrack walls to the tops of the Virginia Pines. Square dancing in the finest style soon had the feet of the strong just a flying and the heads of the weak just a twirling.

The Forester of Xi Sigma Pi, Wilson Horton, presented Jim Webb with a certificate of achievement for his work while at State. A little while later, Mesdames Slocum, Bryant, and Maki, with the help of Mrs. Thacker announced their choice as to the wildest and woollest couple to be "crowned the Belle and Bull of the Woods." Jim Renfro and wife Doty were presented appropriate gifts by Forestry Club President Paul Pickenheim. If I'm not mistaken, Jim Renfro tried to make a hat out of his—don't know whether it fit his head or not.

As the weak dropped from the dancing and retreated to the big cabin for the easier entertainment of singing, the dancing got faster and gayer. And from what I hear, the sacred halls of Slocum's Rest Camp are still vibrating from the wild dancing and wonderful fun had by everyone who attended the '56 Brawl.

"Before we proceed on to the rest of the discussion which will be more technical in nature . . ."—Slocum



Bar B. Q.



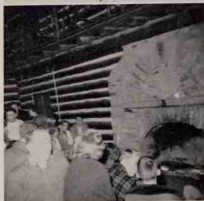
Sleepy with Pipe



The Queen



The hands that fed us



Fire Side Singing



Alotta



Professor Lenthal Wyman

By DONALD S. CALDERON—'56

I am sure that all of us here at State, as well as the innumerable persons in the profession of forestry with whom Professor Wyman has come in contact, will never forget this scholar, professor and forester extraordinary. Professor Wyman's decision to retire at the end of this school year will create a gap in this forestry school that will not be easily filled. His presence here at State has given our school much of the tradition and esteem that it now has, and his absence will be long felt by many.

I am sure that all of us who have met "Prof" Wyman have liked and respected him from the start. We could not help but be impressed with his proficiency and knowledge in almost every aspect of forestry, but I doubt if many of us know just how "Prof" Wyman earned this friendship and respect. On this occasion of Professor Wyman's retirement I would like to review briefly the life and accomplishments of this esteemed gentleman.

"Prof" Wyman began his career in forestry at a time when it was a young and rapidly growing profession. He was born in Boston, Mass. in 1888 and received his A.B. from Harvard University in 1912. He then received his Master at Harvard Forestry School where he specialized in forest entomology. His first job was with the Bureau of Entomology in New England, where he worked as an Assistant Forest Manager on the silvicultural control of the Gypsy and Brown-tail moth. He was not satisfied with this work however, and he felt that his capabilities could be better applied out West. So after a few months in New England he packed up and left for New Mexico and Arizona where he worked for the U. S. Forest Service as a Forest Assistant, and Assistant Forest Ranger from 1914-1917. From 1917 to 1921 "Prof" Wyman worked in Montana for the U. S. F. S. and was in charge of insect control work in Region No. 1.

In the Spring of 1919 he moved South again, but to Texas this time, where he was employed as Assistant State Forester. He worked there for two years on shelterbelts and windbreaks, and also did some research work on ornamental and shade trees. In 1921, when the Southern Forest Experiment Station was started in New Orleans, "Prof" Wyman became one of its charter members, and was instrumental in organizing the general research work that was being done.

In 1923 he was put in charge of research on naval stores at Stark, Florida, which was part of the Southern Forest Experiment Station. He remained there until 1934 when he joined the Faculty of N. C. State Forestry School. For a period of about a year and a half during World War II, he worked in Richmond, Va. on the War Production Board as a lumber Advisor. He has also been National Forester for Xi Sigma Pi during 1952 and 1953, and has been chairman of the Southeast section and the Appalachian section of the Society of American Foresters.

Professor Wyman has written many articles and publications, and a few of these are bulletins on shelterbelts, windbreaks, shade-trees, turpentine methods, wood waste utilization, charcoaling methods, and opportunities for Small Wood-working Plants. He has also contributed a section on "Forest in the Louisiana Territory" in the book "Naturalists Guide to America."

That just about completes the past history of "Prof" Wyman. I am sure that his contributions to forestry have not ended with his retirement, because a person as devoted to, and interested in forestry as Professor Wyman is, will be continually striving for better forestry practices for the rest of his life. His contributions will always be accepted gratefully, and his presence welcomed wherever he may go. The *Pinetum* would like to wish him the best of luck in whatever he may undertake.

Homelite Scholarships

At the annual rolleo at the Hill Forest in October, a special and new recognition was made. Mr. James Thompson of the Homelite Corporation presented Charlie Webb, a Junior in Management from Florida, and Willie Curtis, a Senior from Otto, North Carolina in Management, \$250 each for being the outstanding man in their respective classes in the School of Forestry. The award is to be an annual affair on the part of Homelite and is looked forward to by the students.

"I went squirrel hunting one morning, and the only way I could get in was to crawl on my hands and knees along bear trails."—Slocum



LAST YEAR'S GRADUATES

New Graduation Exercises

By action of the Administration last spring, the graduation of students from State College took on a warmer meaning. Seniors were exempt from final exams in all courses in which they had a "B" average. Also the graduating exercises were held a week before the final exams of underclassmen.

The graduation included a commissioning on Saturday morning; a Tea at the Chancellor's home on Saturday afternoon; an informal dance Saturday night; Baccalaureate sermon, Class President's remarks, and conferring of degrees on Sunday morning; and the actual presentation of degrees to each graduate in each respective school on Sunday afternoon.

The weekend was set up for the convenience of the parents and graduates, and proved a big success in creating a pleasant memory for the Seniors.

Student Government at N. C. State

By ROBERT J. MILLER, JR.—'56

In the Spring of 1954, a new constitution for Student government was ratified by the student body. The following is a quick run down on the new government. The Student Government System at North Carolina State College is broken down into three subdivisions; Executive, Legislative, and Judicial.

The Executive branch consists of the President, Vice-President, Secretary and Treasurer. All of these officers may be elected from any class.

The Legislative branch consists of the Student Legislature. The Legislature is composed of representatives known as "Senators" elected each year from each class in the various schools in proportion to the enrollment in each school. There are five standing committees of the Legislature namely Campus Welfare, Promotion, Investigation, Rules and the Election Committee. These standing committees constitute the planning and administrative agencies of the Legislature.

The Judicial branch is composed of the Student Judicial Board. The Judicial Board is the designated authority to try violators of the Campus law as set forth in the Constitution, to interpret the Constitution and maintain an Honor System orientation throughout the school year. The Judicial Board is composed of four Seniors, three Juniors, and three Sophomores, of which two Seniors and one Junior are holdover members from the previous year. It is a big step forward over the old trial system.

In addition to the three branches of the Student Government, there are other bodies vested with advisory authority on the campus. The Chancellor is the final authority in all instances involving State College. He is advised in such matters of policy and procedure by the Administrative Council and the Faculty Senate as well as by the Student Government.

The Administrative Council is a body presided over by the Chancellor and composed of the Deans of the various schools on the campus.

The Faculty Senate is a body composed of Faculty members elected by the Faculty of each School. The number of Senators from each school is in proportion to the enrollment in each school. This body elects one of it's own members as it's President.

The Student Government is a very popular organization on the campus. It provides a means for the development of Social responsibility as well as a means for the regulation of the conduct and the promotion of the interests of the community of North Carolina State College, and this interest has increased tremendously over the whole campus since the new constitution was ratified. It is a pleasure to see it work.

"Well I'll be gol-dang!"—Slocum



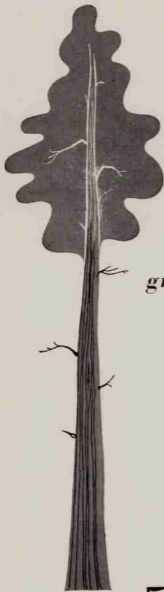
C. M. Lambe

By RAY BEAL—'56

Every student who has gone through the School of Forestry at North Carolina State College has had surveying taught to him by Professor C. M. Lambe. When Professor Lambe retires this year, he will have had forty-eight years in the field of Civil Engineering with the last twenty of these years spent at North Carolina State College giving a helping hand to many of the students.

Professor Lambe graduated from North Carolina State College in 1908 with a degree in Civil Engineering. From North Carolina State he spent one year at Cornell University as a special student. After his schooling, he worked as a railroad location and construction engineer. After having spent from 1909-1912 on the railroad, Professor Lambe worked with the Carolina Power & Light Company for five years as a field engineer in hydro-electric development and transmission line installation. In 1918 he went into private engineering practice in Raleigh. In 1935 he joined the faculty of the Department of Civil Engineering here at North Carolina State College. Since then he has been teaching surveying and drawing to the forestry students as well as the engineering students.

When Professor Lambe retires this year the School of Forestry and State College will lose a man and a surveyor of the highest order. We all wish Professor Lambe the best of luck in everything that he may attempt in the years to come.



*growing needs,
growing opportunities*

An unprecedented demand for forest products is opening up new horizons in a dynamic, growing industry. Today, Olin Mathieson farms a half-million acres of forest land to supply lumber and an ever-increasing number of cellulose-based products for industry, construction and the home.

Technically trained experts are needed, both in the field and in the laboratory, to meet the demands of the future for forest products. You are invited to write for further information.



MATHIESON CHEMICALS
OLIN MATHIESON CHEMICAL CORPORATION
INDUSTRIAL CHEMICALS DIVISION • BALTIMORE 3, MD.

3958

"Absent-minded" Arthur Magee Forest Ranger

A Humorous Western Ballad

"Absent-minded" Arthur Magee
Was a Forest Ranger and Ph.D. . . .
When he passed his exam he was highest of those
Who secretly smiled at his Oxford clothes.

But Arthur Magee was a likeable sort,
He took great pride with each report,
And there are many the Service requires
From those who watch for forest fires.

Reports when the Ranger glimpses first
The blossoms of fire that suddenly burst;
Reports on routine, food and work
That a loyal Ranger must not shirk.

Then the Supervisor for a change
Sent him on patrol through the Sawtooth Range
The loneliest post at his command
In the lonely hills of a lonely land.

But Arthur's heart was ever warm
As it beat in the Service uniform
That he kept well pressed and always neat
From his Stetson hat to his well-shod feet.

And one night sitting all alone
Like an ancient chieftain on his throne
In the door of his shack at the top of a hill
A-sudden his very heart stood still.

"Report Number so-and-so is right"
He said as he peered through the Western night
To a distant hillside where he saw
A flame that was licking the treetops raw.

"The fire," he wrote, "fanned by a breeze,
"Is starting among a grove of trees
On Hill No. 10" . . . then he stopped to look
For the proper rules in the Service Book.

And when he discovered the proper rule
He cursed himself for a proper fool . . .
"I made out the wrong report," said he,
"It should have been Umph in Series E."

But now the fire with voracious will
Had leaped to the top of the wooded hill.
Arthur thought: "Does the Service require
A report when one is surrounded by fire?"

But "Absent-minded" Arthur Magee
Never lost the poise of a Ph.D.
Though he felt his very cabin shake
And heard the glass in the window break.

Then a spark on his coat . . . he dusted it off,
As the wood-smoke made him spit and cough,
But not before it had burnt a hole
Clean through to the bottom of his soul.

And scorched in the flames, across the floor
He crawled to the safe and opened the door,
Where he put his reports, did Arthur Magee,
In the nice neat rows of a Ph.D.

He closed the door and spun the dial,
Then fainted away with a twisted smile;
And knowing the papers were safe inside,
Arthur Magee, the Ranger, died.

The supervisor found each report
When the fire was over, "A decent sort
Who deserves promotion," he wisely said
"Sure, Chief," said the Force, "but Magee is dead. . . ."
—Harold Hersey.

"I was just trying to explain that to my dense colleague here."—Slocum



ALUMNI

Annual Message to the Alumni

J. B. CARTWRIGHT, *Pres.*; G. K. SLOCUM, *Sec. Treas.*

For several months there have been three vacancies in Junior Foresters positions in the South Carolina National Forests. The assignment here on the Enoree Ranger District has been offered to several eligible young foresters but none have accepted. It is a good job. The salary is fair. An ambitious young fellow can advance steadily. Annual and sick leave, holidays with pay, forty-hour work week, retirement program, security in hard times—there are added inducements. As an opportunity to acquire training and experience in timber management, fire control, foremanship and general administration, it has few equals in private industry. Yet the Civil Service register is exhausted. There is now no prospect of filling the positions until a new register has been established.

These are not soft jobs. The work is interesting but it is not easy. That should not be a deterrent for what lazy men would choose forestry as a profession. Of course the Junior Forester examination eliminates quite a few applicants. However, many graduates do not take the examination and few who pass accept appointments. It is evident that private industry is snapping up every promising forestry graduate available and offering high salaries to get them.

My purpose in writing this is not to recruit foresters for Uncle Sam, rather it is to emphasize two things: The tremendous development of forestry as a profession and the great demand for professional foresters today. The students of forestry can look forward with confidence to a bright future in a growing industry.

What a contrast this is to the situation twenty-five years ago. Industry had retrenched in the depression. Forestry was almost at a sandstill. All of us tried the Junior Forester examination. Openings in the Forest Service were few and only the top few men were chosen. Forestry graduates were taking any jobs they could get, mostly outside the field of forestry. The establishment of the Civilian Conservation Corps, organization and growth of State Forest Services, growth and development of the pulp and paper industry and the great demand for wood products during World War II and the building boom following the war are some of the stimuli responsible for the phenomenal development.

What new products and processes may mean to the field of forestry in the future, I cannot predict. Certainly the demands on our forests will increase. The schools stand ready to do their part in training men to meet the needs of Government and industry alike. Outstanding in this field is our own Alma Mater. Let us all work at the forestry student recruitment program. After all, who will do it if the alumni do not?

James B. Cartwright, '31

Report of the Secretary-Treasurer

The 1956 annual meeting of the Forestry Alumni Club was held in Durham at the Washington Duke Hotel on January 27 with fifty-two members present. The Secretary was unable to attend because of final examinations, so Dr. Miller substituted.

Election of officers was held and the following were elected for 1956:

President..... J. B. Hubbard, '38
 Vice-Pres..... B. T. Griffiths, '41

The main item of business was to appoint a committee consisting of R. W. Graeber, Chairman; G. E. Jackson and J. B. Hubbard to develop means of raising money for scholarships for worthy students.

TREASURERS REPORT 1954-1955

<i>Income</i>		<i>Expense</i>	
1 member @ \$20.00	\$ 20.00	Alumni Letter	\$ 21.00
1 member @ 10.00	10.00	Mailing <i>Pinetum</i>	14.00
22 members @ 5.00	110.00	Typing	12.75
1 member @ 7.00	7.00	Envelopes	10.60
2 members @ 4.00	8.00	171 Copies of	
8 members @ 3.00	24.00	<i>Pinetum</i> @ \$1.25	213.75
1 member @ 2.50	2.00		<hr/>
135 members @ 2.00	270.00		\$272.10
	<hr/>		
	\$451.50		

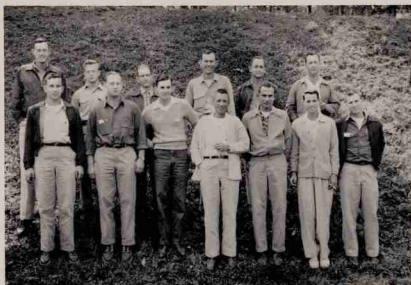
The cash balance of \$179.40 was deposited in the Hofmann Loan Fund as directed by the constitution.

Hofmann Loan Fund

The Hofmann Loan Fund continues to move up a little each year. The total deposit to January 1, 1956, was \$1,581.48. Loans outstanding amount to \$710.00; cash on hand is \$871.48.

G. K. Slocum, Sec.-Treas.

"I want work!"—Slocum



GRADUATES OF NORTH CAROLINA STATE COLLEGE SCHOOL OF FORESTRY, NOW EMPLOYED BY THE VIRGINIA DIVISION OF FORESTRY.

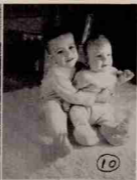
Front row reading left to right—Walter Searcy, Detached Forester, Farmville; Joe Tekel, Forester, Richmond; Wilson Campbell, Watershed Forester, Staunton; Arthur Jolly, District Forester, Salem; William L. Pierce, District Fire Chief, Portsmouth; Roland Geddes, Management Chief, Tappahannock; Ed Sholtes, Forester, Staunton. Back row, left to right—Alvin Wilson, Management Chief, Farmville; Ray Hendricks, Detached Forester, Tappahannock; Acie Edwards, Detached Forester, Portsmouth; Tom Yancey, Management Chief, Waverly; John Heltzel, Assistant State Forester (Nursery & Planting); John Jackson, District Fire Chief, Charlottesville.

Bob Slocum, District Forester, Richmond, was absent at the time the picture was taken.

Key to Alumni Pictures

1. G. E. Jackson and family
2. Norman Hodul, Norma Jeanne, Marie, David
3. John Barber
4. R. T. White's family
5. H. E. Howard with son Wayne at U. of Ga.
6. A. W. Boswell
7. N. T. Hardin and family
8. Bill and Doris Shofner in Pa.
9. "Al" Barefoot
10. Jimmy and Jeffrey Peterson ('52)
11. Larry Yost ('53) and baby
12. Fran Ward





13. Bob Ward
14. Tom Ward
15. Ralph S. Johnson ('39) with Scott and Mark and Peggy (inset)
16. Susan and Martha Green ('50)
17. W. E. Gibbons ('40) Deane, Billy, Temury, Mike
18. Gretchen Whitman
19. Bill Shofner in La.
20. David and Jeanne Hodul

Alumni News

1930

BROWN, George K., Forest Supervisor, Arapaho, N. F.

"Sure am pleased to see the good progress State's Forestry School is making.

"Give my best to the old gang."

GRAEBER, Robert Walter, Owner & Operator of Guilwake Forests, located in Guilford and Wake Counties, N. C.

"Not being too energetic at the age of 68, I only try to handle a few cases of consulting work, but enough to keep up interest. Have had some interesting experiences assisting in the settlement of law-suit cases. In one case I checked more than 10,000 stumps in a timber theft to determine the volume and value, resulting in an out-of-court settlement at double the value, according to North Carolina law. Also handle an occasional land or timber sale.

That 'Mad Gal Hazel of 1954 made me get busy in my own woods. Last winter in a thinning and clean-up job we harvested 31 carloads of pulpwood and 75,000 board feet of sawtimber. This just put the woods in good working condition. My prize project is a four-acre pine stand established by broadcasting loblolly pine seed at the rate of 1 pound per acre. This stand is now five years old and thinning will soon be needed. I believe that this method offers good possibilities. Would like for foresters to examine this project."

HOWARD, H. E., Administrative Officer (Personnel), U. S. Forest Service.

"Still in the same job and living at the same place. Our oldest son, Wayne, graduated from the University of Georgia this year and is now an embryo forester at Mena, Arkansas (see photo). Our youngest son, Hugh, is a sophomore at Vanderbilt, and our daughter, Dee Ann, is a Junior in high school. I need out two bucks, which are enclosed. I enjoyed my visit to State this spring and hope you turn out more foresters for the U. S. Forest Service."

MORRIS, Donald J., Forest Supervisor, N. C. National Forests.

"I note each year that several reports read: 'Still doing business at the same old stand.' My report: Still on the same dead run and enjoying every step of the way.

Regards to all."

PIERCE, Robert L., Asst. Dist. Forester, Pa. Dept. of Forests & Waters.

"At same place doing the same work. More added this year because of the bad flood we had here in August. You cannot realize what it did without seeing it. The old picture of the creeks and streams is now gone, now just a long, wide boulder wash. Trees, bushes and all vegetation all gone, all bridges and miles of all types of roads completely gone. Of course all this can come back in time, but the 87 lives that were lost and still the 8 missing can never come back. Property damage along the streams from the sources right on through town is terrible. All agencies, both U. S. and State, Red Cross, Salvation Army, etc. were wonderful. Also the various other communities of the state and Nation. My home is not near any of the creeks, so did not have any damage. Just a little water in the cellar, which I always get if it rains too hard.

Tom and Tinny Evans were in to see me the other day after the flood, had a hard time getting in town as only one bridge remained standing. We sure did talk.

Bill Buhrman was also in to see me this summer, and more talk.

Sorry cannot get to Rollee (fire season, you know). We had a bad summer fire season, fire right up until we got the floods. First no water and then too much."

1931

ARTMAN, J. O., Staff Forester, T.V.A.

"Next year leave wider margins on your letter. Thelma had practically no room for her personal message, which by the way was far more interesting than that stuff you wrote.

I picked up a new extra-curricular job this year. I'm now chief of the Norris Volunteer Fire Department. So just call me 'Chief'.

Tell Thelma I'd love to accept her invitation. Can't promise anything at the moment, but will keep it in mind.

There's nothing new on the job. Still spend most of my time writing.

Saw Paul Russell at the Tennessee Forest Festival."

SHAFFER, Charles H., C.L.U., Life Ins. Representative.

"In the last year I received my professional designation from the American College of Life Underwriters. It is now Charles H. Shafer, C.L.U., also became grandpa for the first time—have a year-old grandson. Am teaching an advanced life underwriting course during 1955-56 school year—class being held at Moravian College. In the interim am trying to sell enough life insurance to make a nice living."

1932

COOPER, William E., Executive Director, Va. Forests, Inc., Richmond, Va.

"Well, it's happened! In spite of all pronouncements and warnings, my son, Bill, Jr., has enrolled in the Forestry School at State. Unless I'm mistaken, that makes him the first son of a graduate of that school to enroll as a second-generation forester. Makes an older generation out of quite a few of us, doesn't it, George?"

MAXWELL, Albert H., Service Forester.

"My son, Al Maxwell, Jr., is a freshman in Electrical Engineering at State this year, Room 319, Tucker Dorm. If you don't find a check for two bucks, it went into the kitty to buy engineering textbooks."

1933

BLAKENEY, J. C., Pres., Display Fixtures Co.

HAFER, A. B., Consulting Forester.

WOOD, Richard A., Gordon Lumber Co.

"Don't tell the boys that Dick, Jr., is a freshman at Duke. They might not understand.

The four D's paid us a short visit last fall after a football game. A very 'quiet' and enjoyable visit was had and we hope they do it again."

1934

BARKER, W. J., Lader, Forestry Extension Work.

CHATFIELD, E. E., Supervisor, Southern District.

CORPENING, B. H., District Forester.

"\$2.00 enclosed."

CROW, A. Bigler, Assoc. Professor of Forestry.

"My daughter, Nancy, entered L.S.U. this fall, which means I'm getting on. I'm glad to hear of the progress the old school is making. Some day I hope to see it all for myself. We're on the move here too. Our new building, which we hope to occupy before long, will be something to gladden the eyes of all foresters everywhere. The entire interior: corridors, rooms, offices, labs and all, will be panelled in native woods. I believe there will be 26 all told. Every bit of it was donated by the forest industries of this and nearby states, which makes us feel mighty good. Come out and see us sometime!"

Regards, George, and give my best to Dr. Hofmann."

DOERRIE, F. A., Baytown, Texas.

"Enclose 2 bucks for Pinetum; the last one got unlost!"

HUBE, Frederick H., Asst. Chief Forester, Masonite Corp., Laurel, Miss.

"Up a little, back a little! Whoa now! Steady! That's what counts! Nine years here is making it feel like home."

1935

GARDINER, Thomas B., Chief, Classification & Organization Branch, Soil Conserv. Service, U.S.D.A.

"Time marches on. Became a grandpaw on Sept. 29—name Katherine—so the Gardiners are still not perpetuating foresters."

JACKSON, G. E., Consulting Forester.

"Things are still going well here in eastern North Carolina. To prove this, I am sending a check for my dues even though I now have one daughter in college at WCUNC.

This year brought a blow-up during fire season and we ate smoke for weeks; then there was 3 hurricanes and each one flooded at least one-half of Washington and now we have about 10 bushels of mosquitoes per acre in the woods.

Inez, Nancy Lee and Margaret join me in sending our regards to the faculty and alumni of the Forestry School."

KALER, Boyd, Work Unit Conservationist.

"Will be transferred sometime in November."

NEWNHAM, Fred N., Forest Supervisor, U.S.F.S.

"Nothing new here. Fearless foursome from N. C. State still intact on the Chattahoochee after three years—Art Grumbine, Bruce Alter, Harry Wright and the writer. What happens to all the graduate foresters these days? They sure are hard to get. When we do get one, he only stays with us about a year before being promoted to Asst. Ranger. Sure was different 20 years ago. Glad it is like it is and not like it was."

PIPPIN, James A., Dist. Forester, N. C. Dept. Conserv. & Development.

"Not much news. If anyone is down near Rockingham, come by to see us."

SPLATT, J. R., Projects Mgr., The Atlantic Land & Improvement Co., La Belle, Fla.

"Those starting salaries that you spoke of, George, if they get much better, some of the old grads may be trying to cut in on you."

WRIGHT, Harry R., Dist. Forest Ranger, U.S.F.S.

"Last May I returned to N. C. State for the first time since graduation in 1935. Needless to say, I was amazed at the great changes which have taken place. Fields that were once brier patches are not occupied by modern buildings which are filled with elaborate equipment. The Forestry Buildings are out of this world as compared to those of 20 years ago.

Professor Slocum is still the same. He sports his mustache and brags about his collection of woods. Professor Wyman also looks impressive in his new office.

For those of you who have not seen State in 20 years, may I urge you to take a trip back at the earliest date possible.

It was good to see Boyd Kaler after such a long time at the class reunion. Boyd now works for the Soil Conservation Service at Lincoln, Maine. He is married and has children.

For what interest it might be, I enclose a story on the use of helicopters on my Ranger District."

1936

AIKEN, W. C., Woodland Conservationist.

"Just changed jobs from work unit conservationist to woodland conservationist covering the northern part of Alabama. Still help a lumber company and do consulting work on the side during holidays and Saturdays. Also have a farm. Held an alumni meeting of State men at Southeastern Society Meeting—we had seven present—talked about old times."

DIXON, Don, Dixon Tire Sales.

HILL, Wilson M., Assistant Postmaster, Thomasville, N. C.

Hill is still with the Postal Service in Thomasville. He was in to see us this fall—first time in 20 years. Hope it won't be so long before next trip or I will miss him.

HUDSON, Seaman, Manager, Timber Dept.

"Spent some time nosing around N. C. and Virginia this summer for a paper mill location. Finally wound up at Brewton, Ala., which will be my permanent address for the next few years (starting soon).

Regards to all. Sorry I never see familiar faces when I get up that way. Guess that's progress."

UTLEY, William H., Consulting Forester.

"Same old sixes & sevens, jus' older, tha's all.

Best regards."

1937

BRIDGES, W. J., Jr., Mgr. Woodlands Div., Union Bag and Paper Corp.

"I'm pleased to report a promotion from Asst. Mgr. to Mgr. in April of 1955.

We have more than enough to keep us busy with wood to procure, a slug of land to manage, conservation work, research, etc. We have an abundance of good help with a staff of 65 foresters.

Each year I'm becoming increasingly proud of our Forestry School at N. C. State. I'm sure there is none finer or more progressive or that has better leadership.

Regards to my friends."

DAVIS, Paul L., Mgr., The L. N. Davis Co.

"Is \$2.00 correct amount?"

GASH, W. D., Forester, I. P. Company.

"Saw Don at the dedication of the Little River Nursery on Nov. 14. Caught him for a couple of bucks and a short visit."

GERLOCK, Amil J., Real Estate Broker.

"Oldest boy, Jimmy, now a freshman at North Georgia College. Rest of us just fine.

Keep up the fine work."

HOWERTON, Jr., T. M., Timber Broker-Merchant.

"Best regards to all."

MATHEWSON, Clarke, Mgr. Wood Procurement Dept., St. Marys Kraft Corp.

"Got any wood to spare?"

MAYFIELD, Frank D., Dist. Ranger, U.S.F.S.

"No addition to the family. However, my brother, Ben, and his wife presented Joan and I with a niece, Jane Elizabeth, last January. Looks like European air has treated them well. He now is stationed in Lisbon, Portugal. Know any jobs open across the waters?"

WHEELER, Jr., W. H., Self-employed forester.

1938

CAMPBELL, James S., Owner-Mgr. Campbell's Native Nursery.

"Still growing and selling bushes. This has been a tough year in the nursery business with the March freeze and the August floods. We lost a lot of plants. We have a new son, Timothy, born Jan. 30 this year. Have two boys now, David four and a half, and Tim—10 months. Sure hope they will want to follow in Papa's footsteps as I'm getting old.

Best regards to all the fellas in Class '38."

DILLINGHAM, Max M., Job Foreman.

"I enjoyed the Rolleo and visiting with you folks for a brief spell. Hope you can visit us soon for a look at our operations. We are planting 55,000 white pine at Biltmore this season. Our plans call for planting about 50,000 seedlings annually.

I see alumni occasionally and I do like to hear about where they are, what they are doing, how they got to be 'big shots' and their formula for getting rich, etc.

Best regards."

GRIFFIN, W. E., "Billy", Owner of Gen. Mdse. Store.

"Hello Prof., just a line or two to let you know I'm still alive. So far am doing fine—working mighty regular and keeping the wolf away—nothing else to distribute except a little Pinetum funds, etc. Ha!

Saw Jackson from Washington the other day. He had a country store dinner with me and we had quite a chat.

Am married and have just the twins, 10 years old, boy and girl.

Have been hunting a few times and have enjoyed pretty good luck. I use a squirrel dog and go down where the little creek runs into the big creek and select a nice log until she calls me.

Am planning to see some basketball and will look out for some of you there. Would like to see any and all of you here if you come down in my neck of the woods. Would like for some of you to go hunting with me.

Best regards to all."

HUBBARD, James B., Administrative Forester.

"Still with the N. C. Division of Forestry and everything else is about the same too."

MARSHBURN, Walter J., Jr., Owner & Consultant, Sandhill Forestry Co.

"Still beating the brush. Family the same—one boy and one girl, one wife, one bird dog, four cats.

Good luck to you and the staff!"

SHIMER, C. B., Staff Asst. N.C.N.G.

"Will try to make the 29 Oct. date. Competition (on my part) will be limited to a fast game of checkers."

WHITMAN, J. Atwood, Consulting Forester.

"During the past few years I've had the opportunity to rub elbows with some pretty famous foresters in the woods: James W. Girard, Herman H. Chapman, and Julius Kahn, but said rubbing didn't seem to hurt them.

Enclosed is a photo of my daughter, Gretchen, and our dog, 'Duke'."

1939

BARKER, J. S., Jr., Forester.

"I need an assistant but can't seem to find one."

FRYE, Joseph T., Jr., President, Athens Bed Co., Inc.

"We have just completed installation of conveyor system in our furniture plant. The 'welcome mat' is out to all ole classmates!"

HUGHES, D. Perry, Owner—Hughes Market.

"Was selected mayor of Colerain again last spring. Tell all fellows hello."

JOHNSON, Ralph S., Forester, McNair Investment Co., Laurinburg, N. C.

"Here are some snapshots of the kids. I have all kinds now—pretty, huh?! Be sure to stop in to see me if any of you get down this way."

JOLLAY, Ted M., District Forester, Winnsboro, S. C.

SMITH, Edward W., III., Deputy State Forester, State of Idaho.

"All of the Smiths are fat and sassy with the census remaining the same: Eddie (age 8½), Charlie Ben (age 2½), Vicky (black Cocker with slightly elongated legs—age 6½), and Katy (a long-haired cat of questionable parentage—age 2½). The ages of Irene and myself have been deliberately omitted, but I am still 30.

Last winter was a rather open one until March and April when most of our snow fell. Logging was very active, so I stayed on snow shoes 3-4 days each week until the middle of May. All of this keeps me in shape for officiating basketball. I referee two games three nights a week.

Timber sale activity continued strong all summer and fall, but I have additional men hired during the summer months to assist in timber marking, etc. But I still find time to referee football on Friday afternoon and night and again on Saturday night.

Fire season was comparatively easy, but this was only because very few lightning storms occurred. We would have really had trouble if lightning had occurred, for there were 42 consecutive days with no precipitation and the forests were like tinder boxes. This broke all existing records for dryness.

I spent five days assisting the Boise Nat'l Forest on a 7,000-acre fire near Boise. We ended up with over 700 men and 19 dozers, so everybody was busy and learned a lot about fire. Just two days after I got off this fire I had to fly 500 miles up to North Idaho to assist my own organization when a late lightning storm set 21 fires on one district—mostly in the back country near the Canadian line.

Early snows this winter piled up to depths four times normal, but before Christmas there were five days and nights where the temperature never dropped to freezing and rains fell continuously. Floods resulted nearly everywhere, washing out bridges, highways, etc. I was working 130 miles north of Boise and had to detour through Washington and Oregon, traveling 540 miles to get home for Christmas.

We are planning a trip back East in March, so I'll try to stop by to visit good old State College. I am State's best publicity man as far as forestry schools and basketball teams are concerned. But I still discuss world affairs each fall."

1946

DAVIS, Richard E., Chief, Information & Education, Georgia Forestry Comm.

"It is gratifying to hear of the outstanding progress being made at the school—large enrollment, pulp and paper lab nearing completion, scholarships and graduate program. You are all to be congratulated on these advancements.

Have at least one note worthy accomplishment to report. Increased the family by one husky boy, namely, John Richard, born Nov. 20, and weighing in at 9½ lbs. He plans to play fullback on the 1973 squad."

GIBBONS, William Edward, Asst. Dist. Wood Procurement Supt., Int. Paper Co.

"Still in wood procurement work, with three wood yards to look after and six dealers to contend with. Had a tough year with a railroad strike and a bumper cotton crop. Labor has been a problem! All the improvements at school sound mighty fine and I'm real proud of the fine reputation State is acquiring (Just building up—we had it all along). Maybe some day I'll be able to get up that way and pay you a visit. Just recently bought a house—will probably be moved by the time this is published—such is life!! Now have a quartet, Diane 12, Billy 5, Timmy 2, Michael 7 mos. How about sending me some shoe money?"

Regards to all."

HARLEY, Ben R., Forester, Turnell & Morgan, Pulpwood Dealers, Elizabethtown, N. C.

KARLMAN, Max, Sales Engr. & Pres. of Firm, Newark Caster & Truck Corp.

"I bought my own home out in the country about three years ago. The family now includes David, 9 years old; and Andrew, age 4 mos.

Saw Paul Dozier a few years ago. He was a Fire Chief at Camp Dix, New Jersey."

LEE, Ralph K., Forest Appraiser, The Equitable Life Assurance Society.

"Found it awfully hard to get around to visiting you folks while I was in South Carolina—guess it will be next to impossible now at this distance. Moved out here in Jan. and am trying to find some owners that need to borrow a little money on their timberlands. Most of them seem to have oil wells on their property and want to lend money rather than borrow. Run into State men now and then. Bob Cain and R. M. Henry are up at Warren, Ark., and Bill Bailey is at Spring Hill, La. As you know, Dick Huff and Jim Bell are also with the Equitable.

Am enclosing the two dollars, but can't get the family to stand still long enough for a photo.

Best regards to everybody at State."

MATSON, Mathew, A., Jr., self employed.

"Still in the greenhouse plant-growing business.

I finally got around to getting married. Was married on Dec. 11, 1955, to Kathleen Dally, whose father is also State man, class of 1915."

NIGRO, John F., Soil Conservationist

"Glad to hear from you again. I am happy to hear of the progress the school is making. I am still with the U. S. Dept. of Agri. I do not have much occasion to run across many men of college age. My understanding of the situation is, however, that most students today up around here are interested in engineering rather than forestry. I think it is generally true; even up here there are more jobs than men to fill them.

Glad to hear from you any time."

SIMMONS, A. W., General Sales Mgr., Red Jacket Coal Corp.

"If anyone should pass this way, please drop in. I now have three girls—one 8½ and a pair of twins 21 months."

SWANSON, S. R., Catawba County Forester.

"I am married and have three children: Stanley Thomas—age 6 yrs., Carolyn Burgess—age 4 yrs., Nancy Juanita—age 2 yrs."

1941

CHAMBLEE, Graham V., Supervisor, Bladen Lakes State Forest.

"Same name, same game—regards!"

GILL, C. Edward, Forestry Specialist—V. P. I. Ext. Ser.

"Still at the same old stand."

GRIFFITH, B. T., Dist. Forester, I. P. Co.

Barry was also at the Little River Nursery dedication. Caught him also.

HARRIS, T. G., Wood Mgr., Halifax Paper Co., Inc.

"Sorry I'm late sending my bucks. No news to mention."

HARTMAN, Fred J., Pres., Cartographics, Inc.

"Not much news since last year—still trying to be an executive when I should be out in the woods. Slocum's letter describing all the openings in the field was certainly encouraging. Won't send my pictures. Wife and family still beautiful, but I've gotten a little plump."

Best regards to all."

HUFF, Richard E., Chief Forester, Equitable Life Assurance Society.

McIVER, John E., District Forester, I. P. Co.

"Same job, same place."

WIGGINS, JR., John E., Forester, U. S. D. A.

"I am still working as Forester for the Soil Conservation Service, in East and Middle Tennessee. Ran into C. T. Prout and George Smith at Southeastern Regional Meeting of S. C. S. Foresters in Charleston, S. C. in September. George Smith had arranged a very interesting and enjoyable conference at the Fort Sumter Hotel and field trip on the Francis Marion National Forest. Have acquired one daughter, Kathleen, since your last 'stunning', so maybe you should be sending me the two bucks! She will soon need shoes! Not much else from this quarter. Best regards to you and other members of the faculty."

WILSON, S. Leigh, Consulting Forester, self-employed.

1942

DOUGLASS, Ross S., Forestry Ext. Specialist, N. C. Ag. Ext. Service.

(We see Ross once a month, when the Extension Specialists all come in to pick up the new "poop")

HOBBS, James E., Gen Mgr., Acme Wood Corp.

"Sorry I'm late in returning this, but never get to the bottom of my desk papers any more."

HOFMANN, J. G., Forester, etc., Halifax Paper Co.

"Two girls and one boy to date. Going to get a family yet."

KATZ, Hyman S., Partner, Middletown Paper Products, Middletown, New York.

PRUITT, Austin A., Area Forester, Champion Paper & Fibre Co.

"Hope things are going all right with you. Everything pretty good down in this neck of the woods. Still trying to get a few more acres of pine lands, and improving what we already have. Ran into something right interesting this summer. Found a whole colony of beavers trying to flood out some of our bottomland. Still haven't been able to sneak up on the little devils as yet. Think they must work at night."

Still working most of my week-ends on my white-face cattle farm (The Lazy A) as I call it.

How's Gramp getting along? I'm going to write him a letter before long. J. C. Barber is coming up tomorrow to finish up some work on an area we're letting him start a superior tree orchard on. He says that he gets a letter from Gramp now and then. Understand the forest got plenty of water this fall. We could use a little of it down here.

Golly, but it doesn't seem like 13 years since the old gang gave you such fits.

Hi to all the gang."

TURNER, J. T., Asst. to Plant Mgr., Coosa Pines, Ala.

"(Shoot" dropped in to see us in Nov. Seems he does a lot of traveling so he had time to kill between planes. We helped him kill it.)

ETHERIDGE, Jim, Pulpwood Dealer, N. C. Pulp Co.

"Dear Prof. So sorry to hear that Thelma has been sick. Please tell her we hope she will be feeling fine soon. We are about the same. The Household consists of one wife, two dogs, one son and two daughters. Also have a shrimp boat and skiff and a pack of deer hounds. Come on down and hunt this fall."

MARTIN, J. D., Forester, Flack-Jones Lumber Co., Inc.

SHROUB, Joseph R., District Forester, I. P. Co.

1944

HOLCOMBE, Robert A., Research Chemist, Timber Engineering Co.

"I hunted all over the cover of a recent N. C. State Alumni News for your picture, G. K., and didn't see anyone who resembled you. Came to the conclusion that you were the gray-haired, elderly man squatting in the center of the picture. I could almost hear your bones creak. You are looking very distinguished in your later years, Prof! You aren't the only one who is aging, however. That was a good article on the forestry school in that issue of the Alumni News. More power to you!"

1946

ROBERTSON, Richard J., Forester, Poconoco State Forest (Asst. to Dist. Forester)

"Another year has passed by and I'm late with this. Saw your article in the 'Journal'. Good stuff."

Haven't seen any of the boys lately, but then I haven't been down South for quite a while. See you all sometime."

SULLIVAN, E.

(We received an announcement of the arrival of William Peter on Oct. 11, 1955. He weighed in at 7 lbs. 10 oz. Congratulations to you both. Incidentally, what else are you doing?)

1947

BARTON, William J., Fire Control Asst., S. C. State Comm. of Forestry.

"Hope I'm not too late—See you at Section meeting. Regards to all."

ELLIS, JR., W. J., Chief Forester, Johns-Manville Products Corp.

(Bill was here Jan. 26 for a meeting. Said he would write a letter, but if nothing is added to this, he didn't.)

HARDEE, Jay H., Forestry Advisor, International Cooperation Adm.

"Still in Chile working with their Soil Conservation Service and their Forest Service—nurseries, planting, dune control and forest extension work. Expect to be in the States in June and July; will look you up. Congratulations to all the staff on having created one of the best forestry schools in the U. S. Would welcome an answer from any of my gang."

HODUL, Norman, Instructor of Industrial Arts & Voc. Machine Shop.

"I have been teaching the last two years and enjoying it very much. I attended summer school at State in '54 and at East Carolina College in '55. I hope to see you all sometime late in the fall."

HOUSE, D. T., Pulpwood Dealer

"I must have misplaced the form you sent me cause I can only locate this self-addressed envelope. I was cleaning out my desk drawer—to begin a new year—hoping I could pay all my old debts. Enclosed is check to the club with my best wishes. Please remember me to the boys of '42 to '48."

1948

BLACKSTOCK, JR., Clarence E., Asst. Dist. Forester, Md. Dept Forests & Parks.

BOYETTE, Richard C., Gen Mgr., Wayne Veneer Corp., Waynesboro, Va.

"What happened to last year's Pinetum? I haven't seen hide nor hair of one.

The demand for poplar veneer is terrific; poplar logs cost too much; machinery is expensive; labor spends more time trying to find something to argue about than they do in getting work done, but somehow I manage to eat three meals a day and feed my wife and very hungry, fast growing boys.

If the opportunity presents itself, I will stop by to see you and yours the next time I'm in North Carolina.

Merry Christmas, Happy New Year and continue to use the 'shoe fund' wisely."

ICARD, Thomas F., Attorney at Law

"I visited our wonderful new Forestry School and facilities, at N. C. State this past summer. Through the courtesy of George Smith I had the opportunity of meeting several of your new professors and made a thorough tour of your building, laboratories and classrooms. I congratulate you on the remarkable progress you are making."

SELTZER, Ed

"Today begins the 11th year since my release from Uncle Sam. I can hardly believe it's true—then perhaps I had rather not.

Sorry, no news, no marriage, and of course no debts. I trust the two bucks is neither too old nor too late for acceptance."

SMITH, JR., Lewis J., Dist. Ranger, U. S. F. S.

"We had an over-dose of fire fighting last spring, caused by dry weather. We still haven't recovered. Keep your fingers crossed for us."

SOLOW, Robert I., Sales Engineer

"I made a trip to N. C. a short time ago, my first since graduation. Time did not allow stopping at Raleigh but I hope to do so on another trip and see first-hand all the wonderful additions you've been telling us about. Your ambassador to the F.P.R.S. meetings have been doing a great propaganda job."

ZUCKERMAN, Bert M., Asst. Prof.—Station Pathologist

"Certainly surprised and pleased to hear of the progress of the Forestry School at State. I cherish fond hopes of some day returning to see all with my aging eyes. Got as far as Washington this summer but my expense account would not allow for further journeying.

My status has changed quite a bit in the past year. My Ph.D finally attained on March 1. I sold my interest in the landscaping corp. to the great satisfaction of my wife and children. Concurrently I accepted a temporary consulting position with the Salt Producer's Assoc. to set up experiments on the possible uses of salt as a cure for Phloem Necrosis. On May 1, I assumed the position of Station Pathologist at the above address. I find my work very interesting; the fellows I work with are grand, and both my wife and I love the area. Trees and water at last!

Our new home will be completed Jan. 1, after which we extend an invitation to you, G. K., to visit if in the area. Taxes haven't taken all, but demands of home and family have exacted their toll. However, small check is enclosed.

Enclosed are some reprints of past work to indicate that I can write without the use of adjectives when necessary. Regards to your bowtie and the other members of the staff."

1949

ALTMAN, James A., Forester, Starmount Co., Greensboro, N. C.

ALVIS, Richard J., Soil Scientist.

"I've been working with Larry Curle for the past couple of years in N. Wilkesboro. At present I'm being orientated in Washington to spend a couple of years with the Geological survey in the orient. I'll be making surveys for agricultural and engineering use to accompany military geological surveying."

BOSWELL, A. W., Forester, M. C. Braswell Co., Battleboro, N. C.

"Two kids now; girl 4½, boy 1½. Doing some surveying. Smoke in picture almost got me (again) while surveying."

CRAFT, A. C., Jr.

"Have just moved to Athens, Ga., with the Land Acquisition Dept. of West Va. Pulp and Paper Co. Previously I was with the S. C. State Comm. of Forestry in Walterboro,

S. C. for around four years. Since I left school I have collected a wife and two kids and damned little money!

I dropped by the Ga. Forestry School and must admit that they have a pretty nice plant (of course it can't compare with State College). The people over there had a lot of praise for State and the fine work you all are doing up there."

DURHAM, Gilbert V., Forester, Duke Power Co., Charlotte, N. C.

FULLER, Grady R., Pulpwood Dealer

"I am hearing mighty fine things about the Forestry School. Hope it continues to grow. Everything is about the same here. Minda is the same age, but the three kids and I are one year older."

GEDDES, Wilburt H., Geophysicist—GS—9.

"We're just getting this in by the skin of our teeth—have to blame it on me (Margi). Hope it isn't too late."

HASELL, JR., Thomas M., Dist. Forester, Neuse Dist., I. P. Co.

"We have 3 strikes—namely, Mary Jo, Wanda, and T. M., III, and I hope we're out of the market. We like it fine here since coming 2 years ago this coming Jan. It seems that the Hofmann Forest Boys get contagious for once you drink bay water you always come back. I have 58 M acres here to manage for I. P. Co. and there are many management problems to keep me busy (in addition to fires). If any of the faculty or students get down this way, please stop by to see us."

HORNE, R. L., Lumber Inspector.

JOHNSTON, JR., J. Fred, Forester, Cape Fear Wood Corp.

"Now have a new home and a new son! Still buying land and timber for Cape Fear Wood Corp. Hope to be able to attend the Rolloe this year and shoot a bull or two."

JONES, WADE T., Plant Supt., Southern Plywoods, Inc.

"I have by-passed my donations for quite some time. But I no longer intend for this to go on. I have misplaced the regular form to fill in. Hope this will be O. K.

Enclosed is \$5.00. I have even forgotten what the fee is for the Pinetum. Hope this covers the 'dun.'

Mary, the children, and I are truly enjoying living here. We make some of the finest plywood here. Mostly stock panels, gum, magnolia, and all figured woods. Our welcome mat is always out, so please use it. We would love to see you and have you see our ever-growing plant.

Best regards to all the fellows."

KELLEY, William G., Branch Mgr., Diamond Hill Plywood Co., Richmond, Va.

LONG, Sam H., Lumber Buyer

MORELAND, Donald E., Plant Physiologist, U.S.D.A., State College.

PARHAM, W. R.

(The dues arrived, but no other word. Needless to say, he is selling something!)

PEKAR, Michael A., Field Asst., I. P. Co.

"Have a wife, two adopted daughters, cat and dog. Am in same place and position for the last four years."

PROBST, Forrest Page, Owner-Probst Tree Service.

"I am really just starting into business, as I have only been operating for about two months. After I left school I had a long-needed leg operation, which was successful. Then I worked as a right of way agent for the Va. Electric & Power Co. for a year—was recalled into the Air Force for another year, then finally worked three and a half years for Van Wormer Tree Co. where I picked up a bit of "know-how" in that line. He talked to me about a Manager-Profit-Sharing deal, as he wanted more time to spend some of his money. So, like a fool, I decided to strike "out" on my own. Want to apologize for not answering your many letters, Prof., but as I do so many times, just didn't get it. Please don't let any of the English Professors get at this letter.

Through my own negligence, I have lost contact with Paul West, so if you can, send me his address next time you have reason to write this way."

WEST, Paul M., Senior Right of Way Engineer, N. C. Hwy. Comm.

"Was glad to hear about the new building program. We are proud of our school.

Dick Alvis is on his way to Formosa."

WHITFIELD, Fred E., For. Extension Specialist

(Fred comes in to see us every once in a while when he comes to Raleigh to get the word from the brass.)

WILSON, Alvin D., Dist. Management Chief, Va. Div. of Forestry.

WOODS, F. W.

(Frank was in Dec. 2 to pay a short call. It was short but we enjoyed it.)

YANCEY, T. E., Dist. Mgr. Chief, Va. Div. of Forestry.

"Still at the same place. The two bucks are hard to find this year. My wife and I are buying a house."

1950

BAREFOOT, JR., A. C., Asst. Prof., N. C. State College.

"Picture of Al doing some logging at the Wayah Camp."

BARBER, John C., Forester (Research)

"Same old world! I hear by 'grapevine' that Dave Dubow has been captured by a 'Georgia Bell'. The wedding is not far off. I hear lots of good reports about the school. It really rates in the Southeast.

Sorry I'm late—didn't forget—just kept procrastinating.

Here's (J.) Clark Jr. for your picture page—age 3 yrs."

BEAL, REUBEN L., Field Assistant, I. P. Co.

"You finally got through my thick Scotch hide—been wanting to do this for years anyhow."

BOWLING, Dale R., Dist. Forester, Masonite Corp.

CAVANAUGH, Martyn J., Dist. Forester, Champion Paper & Fibre Co.

CURLE, Lawrence D., Soil Scientist, GS-9 (Land Classification & Survey)

"I am very happy to report that I have been made a GS-9 Soil Scientist with the Soil Conservation Service. Although I am only technically responsible for the soil classification and correlation work in my 10-county area, I nevertheless am called upon to do work related to soil-site index studies throughout the state—So you see my good forestry training is not wasted by any means.

Each year I find that I appreciate my stay at State just a little more."

CURRENCE, W. F., Dist. Forester, N. C. Forest Service.

"Everything is fine here. We have one in school and another to start next year. No additions to family since we left State and began working for a living. Give the freshmen and sophomores a break and you may get work out of them at Hill Forest."

DELLINGER, H. C., Field Assistant, I. P. Co.

"Prof, I have been lost since returning from the Korean War—Sure glad to be back in the fold. Many State boys are working with the International Paper Co. and all seem happy in their work. I saw Dr. Preston's flip charts at the sectional SAF meeting in Columbia and they present the subject very well. Have been trying to line up some Forestry students for State. Hope some enroll. Would like to say hello to all my classmates."

EDWARDS, Acie C., Detached Forester, Eastern Shore of Va.

"I'm sending along a picture of all the N. C. State boys now employed by the Virginia Div. of Forestry. (Changed our name from Va. For. Ser.). Bob Slocum was absent during the picture-taking due to his wife's expectancy.

As for myself, I'm still in charge of, and living on the Eastern Shore of Va. Been over here about 3 years, so thought it safe to take a home. We picked the house location for convenience to fish. It's located on Chesapeake Bay with water on three sides.

My family changes little. It still consists of my wife and I, and innumerable cats. (They have a terrible habit of multiplying).

ELLISON, W. E., Forestry Ext. Specialist.

"Got two big young'uns and still living on a state salary (believe it or not)."

"Bull" finished his M. S. as a Christmas present to himself. Heavens knows he had no time for anything else!

ENGLE, Elvin J., Sr. Forester, Dist. #2, Ga. Kraft Co.

"Still marking timber and not too happy about it. Your note about a pulp company paying \$4200 a year to start almost ruined me. It took me over 3 years to get above that. Maybe I ought to start over again. I have bought a house in Macon, Ga. We can use some good men here. Send some State men along."

GREEN, Horace J., Pest Control Forester.

"I'm hoping to move to Raleigh and get into the insect and disease work soon after the first of the year. Am enclosing a picture of Susan and Martha even though Martha is a little camera shy."

HABE, Robert J., Area Representative, Halifax Paper Co.

"Best to all. Hope to make Rollef this year."

LAMPE, John G., Asst. to Vice President, The Nelson Co.

McDONALD, Virgil D., Right of Way Agent, Carolina Power & Light Co.

"Two dollars, which were hard to get but easy to spend for a good annual return.

Still just Anne and Mac in this family."

MILLERS, Arthur W., Employed by Civil Engineer, Hendersonville, N. C.

PASCHAL, William J., Partner, Paschal Lumber Co.

"Third addition to family arrived October - that's all."

PHELPS, William Robert, Research Asst., Dept. of Plant Pathology, U. of Wisc.

"I was in to see all the profs. this summer, but you all were up in the woods taking life easy. Saw Dr. Preston and A. C. Barefoot. The new look of the State College campus was quite surprising and the Forestry-Horticulture Building very spacious and modern looking.

At the present I am here in Madison at the University of Wisconsin trying to pick up a Ph.D. in Plant and Forest Pathology. I am working on the oak wilt problem, which has become a very big situation here in the midwest. There is plenty of studying and outside activities that really keep me jumping.

Enclosed is \$5.00 (you can put the rest where you like) for the Pinetum. I struck a gold mine in Indonesia and can be extravagant for a change.

Regards to everyone in the Forestry School. Hope to get South again next summer."

PIERCE, William L., District Fire Chief, Va. Div. of Forestry.

"We had a pretty rough spring fire season, but thanks to Connie, Diane, and Ione, the fall season has been much easier. Hope it continues that way without the hurricanes.

Still no family except the wife."

RANKIN, James R., Forester for Turnell & Morgan, New Bern, N. C.

"Last July Ernestine and I moved back to New Bern from Clinton. This location should be permanent, I hope. We're expecting our first child in February."

RHYNE, JR., Thomas S., Dist. Forester, N. C. Forest Service.

SHAW, JR., M. N., Service Forester, N. C. Cons. & Dev.

Confidential: \$2.00 dues; \$3.00 for scholarship fund."

SISSON, J. W.

(John was in to see us this winter, but I missed him. All I got was his dues—don't know what he is doing right now.)

WARD, Melvin Francis, Lumber Inspector, M. W. Jones Lumber Co.

"We now have three boys—ages 9 yrs., 6 yrs., and 3 yrs.—and a St. Bernard dog—age 5 yrs."

WILKINSON, James M., Dist. Forester, Masonite Corp.

"Dear Prof., Am getting more chilun, less money every year—maybe should have studied something else????"

WILLIS, Thomas L., Salesman, Raleigh Paper Co.

WILLIAMS, William H., Field Assistant, I. P. Co.

ESTEP, Eldon M., Lt. Jg., USNR

"The U. S. Navy is still holding me here in Seattle and is keeping me busy. With all the timber there is around here, I'm still kinda anxious to see some of the southern pine again, and from your letter, Prof., things still seem pretty good back there for openings. Maybe I'll be back to see about one in about a year from now."

ETCHISON, Philip B., Forest Assistant, Southern Pacific

GENTRY, Billy W., District Supervisor.

"I am building a new home in Lumberton. My family now consists of wife and three boys, ages 5, 3, and 2. My job consists of buying and supervising cutting of plywood and other forest products in my area. I also buy all the good timberland that I can get my hands on."

GREENWOOD, Leonard D., Senior Forester

"Hi, Prof., Glad to hear from you even if it does cost me two bucks. Also glad to hear of your good freshman enrollment. Hope it continues. I am convinced starting salaries is the bottleneck in attracting good students. All continues to go well with me and my family and trust the same is with you.

Good luck to all at State, including that good basketball team."

HANCE, J. T., District Forester, S. C. State Com. of Forestry.

JOHANSEN, R. W., Research Forester in Genetics Program, Lake City, Pa.

"Momentarily expecting our second . . ."

MASTEN, James C., Forester, Cape Fear Wood Corp.

"As always, it is good to hear from you, Prof. It sounds like the School of Forestry is steadily gaining in every way. Since last year we have the long-awaited-for "papoose" to our family. The little girl's name is Ella Leigh, and of course we are mighty proud of her—even at two in the morning when she is screaming bloody murder for an overdue bottle. The enclosed picture is of the new pulpwood yard at Pee Dee, N. C., and it is really keeping us busy trying to get enough 'opossum' pines to log the yard. Best wishes to you and the others."

PENLAND, Richard Floyd, Asst. Dist. Forester, N. C. Forest Service.

"Hi, Prof., Better late than not at all, I suppose. Anyway, here's the bucks and my good wishes. A couple of us alumni had planned to attend the Rolleo this year, but couldn't quite make it when the time came. We are plenty busy, particularly at this time of year with fall fire season beginning, or I should say, "in full swing". Hope to get down sometime and see all the new installations of the Forestry School. Will try to see you when I do."

REID, JR., James R., Superior Stone Co. Prospector.

"Still in the crushed stone business and find it very interesting. Manage to spend about half of my time in the woods, so haven't gotten too far away from forestry. Joined the marital ranks last January 15th."

SHOFNER, William D., Heath Consultant, Heath Consultants, Inc.

"Heath Survey Consultants, Inc. employ many foresters and men from other fields of Botany as consultants who perform services to local gas companies by locating leaks in gas mains and services by effects on vegetation, and determining extent of any damage to trees, shrubs and other more expensive types of vegetation. This is done in season when vegetation is green. In winter season we do a systematic survey in business areas and other non-vegetation areas. We travel over most of U. S. and parts of Canada. Presently I am concerned with about 18 towns from Wis. to Ga.

Here are some pictures. One of our home and one of my wife, Doris, and me. The trailer is almost a necessity in this work if you're married.

We've been with this company about a year and a half now."

WILLOUGHBY, Cecil C., Log Sca'er and Log Buyer.

"I'm still with the same people and getting along fine. Here are the two bucks. You beat Santa by a step."

1952

BOGER, Harold J., Forester, Draper Corp.

"Our new addition turned out to be just as ordered - a boy. Now it is a pair for us. The boy probably won't claim his heritage of being born in Yankee territory. He will probably claim where he was bred."

CRAMER, Lloyd, Salesman, Dean Co.—Evansville Veneer & Lbr. Co.

"Finally found a woman that could put up with my traveling habit. Married her and am living in High Point, N. C.—selling veneer, walnut, oak, mahogany, chipcore. Stop in to see me."

CROOK, JR., James D., Equipment Development Specialist, Bowaters Southern Paper Corp.

DORWARD, Robert E., Personnel Officer, U. S. Navy

"Any jobs available? Looks like I go off relief about 1 July 56 if all goes well."

HARDIN, Thomas N., Area Mgr., Container Corp. of America.

"Prof., you want two bucks, and two of my babies don't have shoes."

HUGHES, Samuel M., Forester, N. C. Wildlife Resources Comm.

"Dear Prof., Not much news to relate I guess but thought I'd better get my two bucks in the mail before the Moore County Hospital relieves me of them. Yep, we are just before announcing a family addition, most any day now. Still have the same job and duties as reported last year. The sandhills is a pretty nice place to work in the woods, especially in the winter. We are busy planting 300,000 pine seedlings right now, slash and longleaf. Been mighty lucky with fire, a low average burn so far.

Have seen quite a few of the gang since being here. Several work in territory. Think they all agree that working conditions in the sandhills are hard to beat. The longleaf pine may be a little slow but it is a beauty . . ."

JENKINS, Bob, Trainee, Weyerhaeuser Timber Co.

"The Northwest is great but we need more State men out here.

Family's still the same, one boy. Looks like it will be increased by next year."

PERONI, George P., Forestry Instructor, Paul Smith's College.

"I am still teaching at Paul Smith's College and enjoying the work a great deal. Surveying and Dendro are the big courses for me and the students. Had 118 freshmen foresters enroll this past Sept. plus 58 second-year students. To say we are busy is an understatement."

PETERSON, Donald F., 1st Lt., U. S. Army

"Well, I have orders for flight school. Will be going to Spence Air Base in Ga. in Feb., 1956.

Am sending a picture of my two boys. The one on the left is Jimmy, and the other one is Jeffrey.

Expect to remain in the Army at least another 2 years."

PHELPS, Robert B., Lt. jr., U. S. N. R.

"On active duty 'til March, '56."

REYNS, Robert G., CFM Forester, S. C. State Comm. of Forestry.

"Still just two in the family, but the Doc says this has been a good seed year. I hear Hama is married; guess he is no longer known as 'Poor Honery'. Here's my last two bucks, Prof. If you can name a sure-fire repellent for chiggers (and if it works) I'll send you \$5.00 next year.

ROSS, Vincent R., Mill Manager, Draper Corp.

"We should be in our new plant in Swannanoa about Dec. 1. What a great day! No more pitching sawdust out the window. Any of the gang who may be in the vicinity at the time are certainly welcome at the open house. See you at the Dixie Classic."

TATE, H. A., Service Forester, N.C.F.S.

"I am back in the swamps again and finding lots of water this year. Plenty of tall pines down here and lots of good hunting and fishing. Have interesting dendro specimen for you. It has all characteristics of loblolly except cones, which are longleaf. Any ideas?

My family the same size and money scarce as ever. My money machine is broke down and my still got raided last month so you can see what a fix I am in. Looking forward to seeing all the news of the boys in the Pinetum."

1953

ADAMS, Philip W., Land Bank Appraiser.

"After 'seeing the world' for two years at Ft. Benning, Ga., I am now making the Yankee dollar as a civilian.

I was glad to hear from you and learn all the latest about the School of Forestry."

CORBETT, JR., Kenneth M., Lt., U. S. Army.

"Last June 25th I was married to Mildred B. White of Winston-Salem, who is a graduate of W.C.U.N.C. For the past year I have been stationed with the Anti-Aircraft Artillery at Ft. Story, Va.

Regards to all."

EGGLESTON, Richard H., Asst. Dist. Forester, Tenn. Div. of Forestry.

"Status quo."

HOLMES, JR., Malcolm L., 2nd Lt., U. S. Army.

"Both Honore and I are great. Right now am trying to learn to be an Army Pilot. Will be moving on to Fort Rucker, Ala., soon. Sure hope to see everyone in Raleigh about Christmas time."

LANE, Edward B., Jr., 1st Lt., U. S. Army.

"Yeah, I know it's Rolfe day. Unfortunately, I'm a little too far in Germany to attend. Your talk of "too old and feeble" doesn't apply to this forester; I can still break match sticks with one hand!

As soon as I get back to 'God's Country' I plan to get some young foresters on the way to State, but for sure I won't mention the Liberation Camp, or, as you call it, the Summer Camp they will be forced to attend. I think that a likely cause for the initial mortality rate; few men drop out after they graduate from Rougemont—right?

I'm supposed to head back across that sky-blue ocean in January; my discharge date is February 29th. I'll be mighty proud to part company with Uncle Sam; he keeps my hunting and fishing down to a bare, posing minimum. I haven't landed a nice catfish since the summer of 1954.

'Moose' Welch ('53) and I swapped three letters (I wrote two of them!) a while back. 'Clyde' Stokes ('53) is leaving Germany in December of this year. I think he's making big plans that include a gal and a preacher.

I'm sending you a check, Prof; if it bounces, for gosh sakes catch the darned thing! I'll see you in March."

WELCH, "Ernie," Forester, Continental Can Co., Inc.

"Enclosed you will find my last two bucks, after taxes, that is, to aid in getting out another one of those scoop and poop volumes. I am looking forward to reading the new Pinetum and finding out just where the ole gang is this year and just what they are doing.

I ran into Noel Sharpe a while back and he is still as busy as ever. Noel is the forester for the City of Fredericksburg and is also in charge of the city maintenance crews.

The only thing new in my life is the fact that the date is set for matrimony, May 12, 1956, so I'll keep in mind the two bucks for next year when the family budget is made out."

WFSELJ, John C., Service Forester, N.C.F.S.

"Stopped by to see you, Prof. Carter said that you were at Hill Forest doing a little hardwood control with a match."

WHELESS, James H., Wake County Forester.

"I have been working with Forest Service since June 1. Like the work fine.

Acquired a wife on Nov. 12th. Getting along O.K."

WHITE, Richard T., Quality Control Engineer, Brunswick-Balke-Collender Co.

"Since leaving N. C. State in June, 1953, and coming to Marion, Va., we have had two additions to our family. Vickie arrived in Nov., 1953, and Tommy arrived August, 1955."

YOST, Larry H., Superintendent's Office—Plant "A", Thomasville Chair Co.

"In order that my title shall not infer a position of grandeur, let me state that I am not the superintendent or yet the office boy—owner still, I am the office boy's office boy. But, is this not where Rockefeller began?"

My family is growing by leaps and bounds and now totals four with the addition of another girl last September.

Please put the two bucks to good use as it could have bought 16 cans of Pet Milk, $\frac{1}{2}$ doz. diapers, or 7 cans of beer!"

1954

BRYAN, Mackay B., Forester, Southeastern Forest Exp. Sta.

"I am back at the Southeastern Forest Exp. Sta. again doing mensuration work on the forest survey. About 19 months ago I returned from Formosa, where I worked on a forest survey of the island."

GILLIAM, Arthur W., Survey Instructor, Pfc. "Uncle Sam"

"Only one more year left in this here Army, and then what? Right now your guess is as good as mine. Am hoping to drop by school before long if I can get away from this college of learning for a few days."

Worked for Vermont Furniture Co. for a few months before being drafted but doubt if I'll go back—those Yankees are just too much.

Had a long chat with Don King a few months back but except for him, haven't seen anyone from that neck of the woods for quite a spell."

GOLDNER, James R., 2nd Lt., U. S. Army.

"Tell Dick Kalish I told him the Army would get him!"

HAYES, Joe

"Yep—forgot it again—wanted to send picture of my *product*—didn't think of the 'dues' until last night while in a lengthy B--- session with 'Fox' Tate and from our talk, a person would think we enjoyed our stay in West Raleigh. *Poop*: Work—Land Bank Appraiser, address—Raleigh, N. C.; advice—work like hell at any job undertaken. Any of the fellows coming through Raleigh are welcome to one free feed at my place."

MALMQUIST, Quentin A., Lt., U. S. Army.

"On Oct. 2, '54, a limb was added to this tree. Continuing, a bud will be blossoming in March '56."

RAPER, Charles F., Army Aviator.

"Hope you have already received my two bucks. All this poop is being sent along with the money, but allow me to repeat myself—if there's one thing that I've had to learn around here, it's that the most valid poop in the world is worthless UNLESS SUBMITTED ON THE PROPER FORM! So—here's to the integrity of your correspondence file. The report on the school sounds fine. Who's the well-heeled pulp company? That sounds good, indeedly. Best wishes."

SEWELL, Carl S., Special Agent, Military Intelligence, Dept. of Army.

"Still working for Uncle Sam. My bitch is up in September and I plan to look for some work in this area or back in ole N. C. Have even thought about going back to State for some more work, but don't know if the budget can stand it."

We had an addition to the family on Oct. 22, one small boy who is now 'boss' of the house. We like this part of the country fine. Plenty of job opportunities for poor ole foresters down this way. Enjoyed your news letter, sounds like everything around Kilgore Hall is coming along fine. Give everyone my regards."

THRASH, Thomas L., 2nd Lt., U. S. Army.

"Employed one year as JF on French Broad Dist., Pisgah Nat. Forest. Now attending Ranger School at Ft. Benning, Ga., with orders for overseas assignment in Far East. Have one son, Doug, $1\frac{1}{2}$ yrs. old."

WELLS, Joe J., Asst. Dist. Forester.

"Same job (still like it), same wife, (fair-to-middlin satisfied with her), new boy (Joseph Victor), new house, (but not in years), and two Dachshund pups which I hope will, after due process of time and nature's impetus, present me with pups so I can recover the ungodly price I paid for them just to get the kids a dog."

WRIGHT, Ernest B., Jr., Forester, U. S. Forest Service.

"Now have a son, David Allen, born August 17. I'm working on timber sale administration."

1955

ARCHER, John M., 2nd Lt., U. S. Army.

"Corps of Engineers doesn't seem to need any foresters, so they are trying to make an engineer of me."

Lots of luck to all working on the Pinetum."

ARNOLD, Thurston W., Asst. Field Rep., N. C. Pulp Co.

"Married in July."

CHAPMAN, John, GS-5 Timber Management Asst.

(Nov. 9—in for visit).

COBB, Fields W., Jr., Research Forester, Southeastern For. Exp. Station.

"Can't remember what remarks for the Pinetum include, if the statement below is suitable, take it, but if it isn't, put it where Shocum's tests should go. (I don't have any more courses under him, as anyone could guess)."

Those Florida surroundings were sure nice while they lasted: even the work, believe it or not. But this Yankee country up here in New Haven, she's for the birds. Moral: Stay South, young man, stay South."

CRAMER, Clifford E., Asst. Foreman in Preenishing Dept.

"Sorry I'm so late in turning this in. I hope it is not too late. I work for the Morgan Lumber Sales Co. in Columbus, Ohio, from July to December as a salesman. I solicited small retail lumber yards selling lumber. I was sent to Arizona to visit the Southwest Lumber mills. It was a very interesting trip and I learned a lot. It was the first time I had seen one of those big western mills. I didn't like the sales too well because I didn't have any real experience in the wood-using industry and I have always been interested in plywood. I had been in contact with Georgia-Pacific before school was out. They informed me that this position was open so I applied and got it. It is very interesting work and I like it very much. I still might go into sales after I have a good picture and a lot of experience in this type of work. Right now we are prefinishing $\frac{1}{2}$ " V grooved Red Gum, Birch, and the Savannah Oak panels, along with the different types of molding."

DALLERY, E. L., Forester, International Paper Co.

(Dallery and Huxter come to Raleigh about every week end so we get to see them right often. Our 'inside man' is now woods forester and getting stronger all the time.)

FRAZIER, Thomas R., Teacher, Damascus, Va., High School.

"You teachers may have it made, but you ought to try to face 160 howling monsters every day. I'm teaching General Science, Biology, Chemistry and Geography. I have a date with 'Uncle Sam' on Sept. 1, 1956. After that little tour, I really want to get back into the woods. School teachin' just isn't for me. Give my regards to all."

HARDY, Percy, Jr., U. S. Army.

"The draft board has readily interrupted my plans. Oh well, maybe I'll get into forestry one of these years."

HIATT, Elbert L., Engineer, Ridgeway Fur. Co.

"Enjoying my work! Have a big boy born Nov. 12, '55."

HUXTER, William T., Trainee—Technician, I. P. Co.

"Well, fellers, decided I'd work on 'cats' until Uncle Sam needs me. Pay is decent, work is fine, mosquitoes are hell, and I still have to go to North Carolina for recreation. How about that, G.K?"

Oh yeah, watch the check; it may be of latex variety."

LARKEY, Bobby J., Junior Forester, U. S. Forest Service.

"I am not getting rich. Enclosed is two bucks left after grocery bill."

HILL, Noble Eugene, Woods Foreman, Bowater's Southern Paper Co.

"Here's a couple of hard-earned bucks. I sure am looking forward to the Pinetum. Sure get lonesome for a friendly face as most of the personnel here are 'Non-N. C. Staters'."

I'm about to get tied up with a T.V.A. 'foresterette'. She's a dandy! (no family pictures—yet).

Best wishes to all."

SMITH, David Ross, Forester, Bemis Hardwood Lumber Co.

(Smitty came down for the Society meeting in Durham and dropped in to see us. He and the mountains are doing fine.)

Alumni Directory

Class of 1930

W. B. Barnes	6149 Primrose Ave., Indianapolis 20, Ind.
C. A. Bittinger	Deceased
G. K. Brown	Idaho Springs, Colorado
E. R. Chance	Deceased
T. C. Evans, M. S. '31	276 Cumberland Ave., Asheville, N. C.
R. W. Graeber	303 Hillcrest Rd., Raleigh, N. C.
N. R. Harding	Unknown
S. G. Hile	Unknown
H. E. Howard	221 Derrydown Way, Decatur, Ga.
J. N. Leader	Unknown
D. Y. Lambert	W. Va. Pulp & Paper Co., 230 Park Ave., New York 17, New York
D. J. Morris	87 Tecoma Circle, Asheville, N. C.
R. L. Pierce, M. S. '31	851 Scott Street, Stroudsburg, Pa.
H. G. Posey, M.S. '50	Alabama Polytechnic Inst. Auburn, Ala.
H. A. Snyder	Deceased
J. W. Walters	Point Pleasant, Pennsylvania
F. F. Weight	40 Jackson Ave., Middletown, N. Y.
C. B. Ziselman	590 E. Broad St., Tamaqua, Pennsylvania

Class of 1931

N. B. Alter	Chattahoochee Nat'l Forest, Gainesville, Ga.
H. E. Altman	26 Mississippi Ave., Silver Springs, Md.
J. O. Artman	TVA, Box 194, Norris, Tennessee
G. W. Barner	Easton, Maryland
J. A. Brunn	2894 Chaffin Ave., New York, New York
W. T. Buhman	5901 Kenwood Ave., Baltimore 6, Md.
J. S. Cartwright	USFS, Box 274, Newberry, S. C.
H. A. Foreman	Marshalls Creek, Pa.
D. B. Griffin	Box 605, Front Royal, Va.

H. J. Loughead 399 Vanderbilt Rd., Biltmore Station, Asheville, N. C.
 C. F. Phelps 294 Lakewood Dr., Richmond, Va.
 C. H. Shafer 1233 Lehigh St., Allentown, Pa.
 G. K. Slocum, M.S. '82 N. C. State College, Raleigh, N. C.
 W. B. Ward USFS, Rutland, Vermont

Class of 1932

W. E. Cooper 301 E. Franklin St., Richmond 19, Va.
 A. A. Crumbine No. 17 Moss Hill Apt., Gainesville, Ga.
 J. J. Kerst Box 77, Vicksburg, Mississippi
 A. H. Maxwell 305 Tate St., Morganton, N. C.
 F. J. Miller 1234 Brooks Ave., Raleigh, N. C.
 C. G. Royer 106 Penn. Ave., Watsonstown, Pa.
 G. K. Schaeffer 1534 W. Duval St., Lake City, Fla.
 P. W. Tillman 2623 St. Mary's St., Raleigh, N. C.
 W. H. Warriner U. S. Forest Service, Jackson, Miss.
 Luther Williams Box 229, R.F.D. No. 1, Monroe, N. C.

Class of 1933

J. C. Blakeney 1755 Sterling Rd., Charlotte, N. C.
 W. J. Clark 2811 Barmettler, Raleigh, N. C.
 T. C. Croker Box 311, Brewton, Alabama
 A. B. Hafer Consulting Forester, Laurinburg, N. C.
 O. W. Pettigrew Route No. 5, Raleigh, N. C.
 M. M. Riley RFD, Hickory, Va.
 R. J. Selts Box 369, Gastonia, N. C.
 A. L. Steser 536 Old Post Office Bldg., Atlanta, Ga.
 R. A. Wood 18 Buckingham Court, Asheville, N. C.

Class of 1934

W. J. Barker 112 Strode Circle, Clemson, S. C.
 E. E. Chatfield Route No. 7, Laurel, Mississippi
 B. H. Corpening 138 Shelburne Rd., Asheville, N. C.
 A. B. Crow Forestry Dept., Univ. of Louisiana, Baton Rouge, La.
 F. A. Doerrie Box 4136, Baytown, Texas
 L. B. Hairr Box 112, Marion, N. C.
 F. H. Hube 1151 W. 20th St., Laurel, Mississippi
 F. H. Ledbetter Box 594, Lenoir, N. C.
 D. C. Plaster 201 Walker St., Morganton, N. C.
 C. T. Prout 45 Oriole Dr., Spring Hill, Alabama
 A. G. Shugart Yadkinville, N. C.
 W. R. Smith 72 Hibriten Drive, Asheville, N. C.

Class of 1935

H. F. Bishop Box 688, Marion, S. C.
 W. E. Boykin Box 267, Lillington, N. C.
 C. W. Comfort McClellanville, S. C.
 F. J. Czabator Unknown
 I. S. Dearborn USFS, Kingston, New Mexico
 Owen R. Douglas P. O. Box 701, Fernandina Beach, Fla.
 J. D. Findlay 5148 15th St., N., Arlington, Va.
 T. B. Gardiner 4303 12th Road S., Arlington, Va.
 J. B. Graves 403 Court St., Talladega, Ala.
 F. A. Hodnett Box 555, Dublin, Va.
 W. W. Hood Unknown
 G. E. Jackson 604 West Main St., Washington, N. C.
 B. K. Kaler Soil Conservation Service, Norwich, N. Y.
 J. W. Miller Asst. Prof. of Forestry, Univ. of Fla., Gainesville, Fla.
 F. N. Newnham Oakland Drive, Gainesville, Fla.
 H. W. Oliver Princeton, N. C.
 H. H. Page, Jr. c/o International Paper Co., Wood Yard, Pittsboro, N. C.
 J. A. Pippin Box 664, Rockingham, N. C.
 E. G. Roberts State College, Mississippi
 M. W. Shugart S.C.S., Halifax, N. C.
 J. R. Spratt Box 243, La Belle, Florida
 J. M. Stingley 116 Bayshore W., Jacksonville, N. C.
 W. E. Stitt Deceased
 H. E. Wright Box 216, Blairsville, Ga.

Class of 1936

A. G. Adman 22 Abbot Drive, Dayton 10, Ohio
 W. C. Aiken Box 180, Prattville, Ala.
 L. K. Andrews Unknown
 O. T. Ballentine Deceased
 R. O. Bennett Deceased
 A. H. Black 200 Third Ave., Scottsdale, Pa.
 H. M. Crandall Unknown
 D. C. Dixon Dixon Tire Sales, Lancaster, S. C.
 W. M. Hill Route No. 2, Thomasville, N. C.
 S. K. Hudson 20 N 15th St., Fernandina, Florida
 O. H. James Wallace, N. C.

C. S. Layton Route No. 1, Greensboro, N. C.
 L. N. Massey 2900 Claremont Rd., Raleigh, N. C.
 A. D. Nease Box 1339, St. Augustine, Florida
 P. M. Obat Deceased
 D. M. Parker Sunbury, N. C.
 C. C. Pettit Box 936, Sylva, N. C.
 C. G. Riley Pleasant Garden, N. C.
 J. L. Searight Deceased
 M. F. Sowell Unknown
 J. E. Thornton Unknown
 W. H. Utley Box 645, New Bern, N. C.
 J. S. Vass 235 Inman Dr., Decatur, Ga.
 L. H. Welsh 719 Country Club Road, Wilmington, N. C.

Class of 1937

W. J. Bridges, Jr. Bluffton, S. C.
 Loeki Craig c/o U. S. Consulate Officer, Belem, Brazil
 J. W. Davis 703 Beaverbrook Rd., Director, Port of Balt. Comm., Baltimore, Md.
 P. L. Davis Box 404, Waynesville, N. C.
 W. G. Davis Sylva, N. C.
 Henry Delpin Building RF USN CCC, Naval Shipyard, New York, New York
 J. M. Deyton Green Mountain, N. C.
 N. P. Edge 232 S. Franklin St., Rocky Mount, N. C.
 C. A. Fox Randleman, N. C.
 W. D. Gash 3602 Stratford Rd., Wilmington, N. C.
 A. J. Gerlock Route #1, Fairburn, Ga.
 J. H. Griffin Deceased
 A. F. Hein c/o Dr. H. Hein, James Monroe High School, Bronx, New York, N. Y.
 J. B. Heltzel Va. Forest Service, Charlottesville, Va.
 T. B. Henderson Route #1, Box 115A, Williamsburg, Va.
 J. W. Hendrix Assoc. Plant Pathologist, State College of Washington, 57A N. Fairway, Pullman, Wash.
 T. M. Howerton, Jr. Madison, Florida
 E. L. Hurst U. S. Forest Service, Stearns, Kentucky
 Clarke Mathewson, M.S. '37 Box 405, St. Marys, Ga.
 C. M. Matthews Univ. of New Hampshire Forestry Dept., Durham, New Hampshire
 J. A. Matthews Box 25, Southern Pines, N. C.
 Joseph Matys Unknown
 B. H. Mayfield Murphy, N. C.
 F. D. Mayfield P. O. Box 26, Heflin, Alabama
 R. L. Nicholson Unknown
 H. O. Roach United Rayon Mill, Langley, S. C.
 C. F. Russell 513 Nelson Drive, Jacksonville, N. C.
 L. P. Spitalnik Unknown
 W. L. Troxler Unknown
 J. Walsh Beach & Center Sts., Beach Haven, N. J.
 W. H. Wheeler, Jr. Box 610, Wadesboro, N. C.

Class of 1938

J. A. Belton 3022 Glenn Ave., Winston-Salem, N. C.
 H. C. Braznaw Deceased
 J. S. Campbell RFD 2, Sedley Road, Franklin, Va.
 W. A. Campbell Box 132, Bronson, Fla.
 C. J. Cheslock Unknown
 W. L. Colwell, Jr. Unknown
 P. C. Conner Firestone Plantations Co., Harbel, Liberia, West Africa
 M. M. Dillingham 41 Park Lane, W. Asheville, N. C.
 Donald C. Dixon 423 Saddle River Rd., Rochelle Park, N. J.
 R. C. Eaker 703 S. College St., Monroe, N. C.
 J. W. Farrior Deceased
 J. H. Findlay 902 Edgemont Circle, Gastonia, N. C.
 C. H. Floyd Fairmont, N. C.
 W. Lane Foster Box 603, 112 James St., Georretown, S. C.
 B. Griffin Red Oak, N. C.
 P. A. Griffiths 405 Furches St., Raleigh, N. C.
 R. M. Henry 299 S. Bradley Rd., Warren, Arkansas
 L. H. Hobbs Unknown
 A. J. Honeycutt, Jr. Unknown
 J. B. Hubbard 303 Churchhill Rd., Raleigh, N. C.
 James Huff Maysville, N. C.
 G. W. Hunter 525 N. East St., Raleigh, N. C.
 V. V. Kareiva 2303 Byrd St., Raleigh, N. C. (Present-temporary—
 Harnetts Lodge, Eagle Bay, N. Y.)
 H. W. Lull Div. of Watershed Mgt., N. E. For. Exp. Stn., Upper Darby, Pa.
 T. J. McManis Pleasant Garden, N. C.
 W. J. Marshburn 206 Surginor Rd., Rockingham, N. C.
 J. P. Moorefield Unknown
 R. M. Nelson 223 Federal Bldg., Asheville, N. C.
 E. W. Ryder 11 S. Prince St., Shippensburg, Pa.
 C. B. Shimer 1509 Webb St., Raleigh, N. C.
 G. E. Smith Box 611, Georgetown, S. C.

I. W. Smith	Unknown
P. L. Warrick	398 Vanderbilt Rd., Biltmore Forest, Asheville, N. C.
N. B. Watts	Route #1, Cary, N. C.
J. A. Whitman	Glendon, N. C.
W. W. Wooden	Deceased

Class of 1939

G. W. Arnott	Deceased
J. B. Bailey	Unknown
W. M. Bailey	Box 651, Springhill, La.
J. S. Barker, Jr.	200 Arlington Drive, Wilmington, N. C.
W. L. Bessley	406 St. Patrick St., Tarboro, N. C.
A. E. Butler	2825 Mayview Road, Raleigh, N. C.
C. K. Dale	2411 18th St., N. Arlington, Va.
W. G. Evans	Box 323, Route #23, Wilmington, N. C.
J. T. Frye, Jr.	875 Forest Ave., Athens, Tenn.
C. D. Harris	P. O. Box 366, Lexington, N. C.
H. J. Hartley	308 Bath St., Clifton Forge, Va.
D. P. Hughes	Colerain, N. C.
R. S. Johnson	Box 432, Laurinburg, N. C.
Ted Jolley	Box 97, Winnboro, S. C.
J. V. Lyon	Unknown
H. C. Martin	Box 1022, Radford, Va.
C. L. Page	White Pond, S. C.
C. H. Peterson	Johns Manville Corp., Jarratt, Va.
H. W. Plummer, Jr.	22 Jefferson Apt., Asheville, N. C.
Chester Reed	c/o J. W. Johansen, 402 Horne St., Raleigh, N. C.
J. P. Reeves	1831 Leavenworth St., Manhattan, Kansas
H. E. Rupp	Route #1, Mechanicsburg, Pa.
R. W. Shelby	Deceased
R. W. Shocum	1203 Maple Ave., Richmond, Va.
E. W. Smith, III	309 Daisy St., Boise, Idaho
J. J. Steele	Box 152, Lenoir, N. C.
H. P. Stoffregen	Deceased
I. L. Taylor	Route #1, Harrisburg, N. C.
E. M. Walker	c/o Mrs. Elise Mims Walker, 501 New Bern Ave., Raleigh, N. C.
R. L. Westerfield	5629 Weller Ave., Jacksonville, Fla.
C. N. Wright	224 McGhee Ave., Greenwood, S. C.
P. B. Yeager	Unknown

Class of 1940

J. D. Atkins	c/o John D. Atkins, 315 Fourth St., High Point, N. C.
J. L. Bell	Box 352, Davidson, N. C.
R. W. Brake	Military Dept., N. C. State College, Raleigh, N. C.
T. L. Cain	122 Center St., Little Rock, Arkansas
George Chauonas	6906 8th St., N. W., Washington, D. C.
R. E. Davis	454 Fairway Hill Drive, S. E., Atlanta, Ga.
W. B. Dunn	8 Central Ave., Warren, Pa.
T. E. Gerber	444 North Wood Ave., Florence, Alabama
W. E. Gibbons	201 Beach Ave., Evergreen, Alabama
B. R. Harley	Box 567, Elizabethtown, N. C.
B. S. Hays	Unknown
J. W. Hilton	Deceased
S. O. Ingram, Jr.	2441 Albro Blvd., Tucson 15, Arizona
M. M. Karlman	17 Dale Ave., Pompton Plains, N. J.
R. M. King	Box 1003, Concord, N. C.
C. D. Kuhns	100 White Oak St., Kutztown, Pa.
R. K. Lee	1721 Dartmouth St., Alexandria, La.
P. J. Lozier	Unknown
M. A. Matson, Jr.	8750 Old Ocean View Rd., Norfolk, Va.
J. F. Needham	RFD #8, Chillicothe, Ohio
John Nigro	U. S. S.C.S., Millbrook, N. Y.
A. A. Novitzkie, Jr.	6402 Jay Ave., Maspeth, New York
W. E. Odom, Jr.	Unknown
Les Perks	54 Louisa St., Brooklyn 18, New York
L. L. Perry	Deceased
C. H. Peterson	Unknown
Ernest Roberts	Unknown
W. O. Ryburn	Ryburn Farm Equipment Co., Salisbury, N. C.
A. W. Simmons	1706 Independence Rd., Greensboro, N. C.
R. S. Swanson	Box 462, Newton, N. C.

Class of 1941

P. D. Abrams	Stonehedge, North Granby, Connecticut
A. W. Brown	1313 Hazel St., Jackson, Miss.
R. E. Carey	6012 Back Lick Road, Springfield, Va.
G. V. Chamblée	Bladen Lakes State Forest, Elizabethtown, N. C.
P. M. Cromartie	West Lumber & Box Co., Fayetteville, N. C.
E. H. Ericson, Jr.	Old Neck Rd., Manchester, Mass.
C. E. Gill	911 Gracelynn Drive, Blacksburg, Va.
Michael Goral	Unknown

B. T. Griffith	2959 Park Ave., Wilmington, N. C.
F. J. Hartman	12701 Valleywood Drive, Silver Springs, Md.
T. G. Harris	426 Jefferson St., Roanoke Rapids, N. C.
R. E. Huff	Box 52, Mars Hill, N. C.
R. H. Landon	Deceased
A. L. Jolly	103 E. Union St., Sandston, Va.
Jesse Levine	Unknown
J. E. McIver, Jr.	Box E, Eulonia, Ga.
W. C. Picket	433 Ridgeway Ave., Statesville, N. C.
T. F. Spiker	c/o Mrs. W. F. Hartman, 1115 Ordway St., Berkeley 6, Calif.
D. F. Traylor	Box 1077, Southern Pines, N. C.
J. E. Wiggins, Jr.	120 Taliwa Dr., S. E., Knoxville 20, Tenn.
S. L. Wilson	605 Camellia Circle, Florence, S. C.

Class of 1942

W. A. Bland	Box 257, Goldsboro, N. C.
Bill L. Cook	4814 W. Mtn. View Dr., San Diego 4, Cal.
W. A. Crombie	Unknown
R. S. Douglas	Box 111, Clinton, N. C.
Paul Gawkowski	Unknown
J. E. Hobbs	Acme Wood Corp., Acme, N. C.
J. G. Hofmann	Tillery, N. C.
G. M. Howe	Unknown
A. E. Johnson	Cementon, N. Y.
H. S. Katz	11 Wisner Place, Middletown, N. Y.
E. F. Leysath	111 Church St., Rutland, Vermont
H. S. Muller, Jr.	Box 122, Kinsale, Va.
A. A. Pruitt, Jr.	Box 283, Washington, Ga.
F. A. Santopolo	Dept. of Sociology, Fordham University, New York 58, New York
J. T. Thurner	Cocoa Pines, Alabama
F. D. Williams	1226 Salem Dr., Charlotte, N. C.

Class of 1943

H. L. Epstein	36 W. McKenzie, Stockton, California
J. N. Etheridge	Box 552, Plymouth, N. C.
Morris Green	756 Pelham Parkway So., Bronx, New York
R. B. Lutz	Drumhill Rd., Wilton, Connecticut
J. D. Martin	Box 395, Summerville, S. C.
O. F. Martin	161 Ridgeland Way, N. E., Atlanta, Ga.
J. T. Maynard	RFD 2, Box 516, Georgetown, S. C.
W. H. Ozden	5812 Hillock Ave., Fountain City, Tenn.
H. D. Packard	89 Maple St., Maplewood, N. J.
E. H. Sayre	Box 263, Tryon, N. C.
J. L. Shoub	516 N. William St., Hazelhurst, Ga.
H. L. Terry	516 Darden Court, Rocky Mount, N. C.
E. H. Ward	15 Anne St., Ozark, Alabama
J. F. Williams	Windsor, N. C.
R. W. Wood	207 Todt Hill Rd., Staten Island, N. Y.

Class of 1944

H. W. Hinshaw	Unknown
R. A. Holcombe	4812 Minnesota Ave., N. E., Washington 19, D. C.

Class of 1946

J. F. Hardee	Box 6046, Raleigh, N. C.
C. M. Hartsock	N. C. State Hwy. Comm., Durham, N. C.
Henry Kaczynski	1907 Chestnut Ave., Trenton, N. J.
R. J. Robertson	Route 1, Millrun Landing, Pocomoke City, Md.
S. G. Spruiell	Unknown
E. T. Sullivan	407 Lavrie Rd., East, St. Paul 17, Minn.

Class of 1947

W. J. Barton	4731 Cedar Springs Rd., Columbia, S. C.
W. S. Campbell	College Park, Staunton, Va.
Robert Dorsen	Unknown
W. J. Ellis, Jr.	Box 17, Jarrett, Va.
Jay H. Hardee	900 Carrick Ave., High Point, N. C.
Norman Hodul	1104 Woodland Ave., Elizabeth City, N. C.
D. T. House	Box 11, Louisburg, N. C.
J. B. Johnson	RFD 4, Raleigh, N. C.
J. C. Jones	Box 473, Smithfield, N. C.
W. M. Keller	Court House, Winston-Salem, N. C.
R. D. Mahone	Capitol Landing Rd., Williamsburg, Va.
C. E. Schreyer, Jr.	49 Fayette Rd., Seaside, N. Y.
W. L. Wharton, Jr.	Woods Dept., Hollingsworth & Whitney Co., Mobile, Alabama

Class of 1948

C. E. Blackstock, Jr.	Box 110, Bel Air, Md.
R. C. Boyette	Box 231, Waynesboro, Va.
F. N. Craven	108 Circle Court, Fayetteville, N. C.
N. E. Dayvault	215 McGill St., Concord, N. C.

V. Wm. Herlevick	35 Ivey Circle, Wilmington, N. C.
W. W. Hook	4819 Buckingham Dr., Charlotte 3, N. C.
B. D. Franklin	Unknown
T. F. Icard	1818 Main St., Sarasota, Fla.
S. N. McKeever	Spring Creek, West Va.
E. N. Seltzer	135 Beech St., Concord, N. C.
G. W. Smith	N. C. State College, Kilgore Hall, Raleigh, N. C.
L. J. Smith, Jr.	Box C, Crawfordville, Fla.
R. I. Solow	635 Maple St., Manchester, N. H.
Fred West	414 W. 120th St., Apt. 301, New York 27, N. Y.
B. M. Zuckerman	Cranberry Station, E. Wareham, Mass.

Class of 1949

V. D. Adams	Unknown
B. L. Allen	P. O. Box 854, Rocky Mount, N. C.
J. A. Altman	3430 Friendly Rd., Greensboro, N. C.
R. J. Alvis	342 55th St., Newport News, Va.
G. W. Barnes	415 Elm St., Raleigh, N. C.
J. C. Baskerville	Rt. 2, Hickory, N. C.
J. B. Bernard, Jr.	Box 936, Sylva, N. C.
R. Q. Bishop	815 W. Evans St., Florence, S. C.
A. W. Boswell	Box 654, Battleboro, N. C.
S. G. Boyce, M.S. '51; Ph.D. '53	Route 2, Wadesboro, N. C.
C. A. Broadway	194-D Abbie Apts., Spartanburg, S. C.
E. F. Corn	Dist. Forester, N.C.F.S., Rocky Mt., N. C.
A. C. Craft	3 Cloverhurst Court, Athens, Ga.
T. S. Davis	c/o J. S. Davis, Troy, N. C.
W. C. Deaton	Liberty, N. C.
G. V. Durham	1221 Barkley Rd., Charlotte, N. C.
A. J. Edler	P. O. Box 629, Newark 1, N. J.
G. R. Fuller	311 N. Bridge St., Elkin, N. C.
J. H. Gandy	Harbel, Liberia, West Africa
R. B. Geddes	Tappahannock, Va., Box 216
W. H. Geddes	1115 W. Greenwich St., Falls Church, Va.
J. D. Guthrie	578 W. Shadowlawn Dr., Chattanooga, Tenn.
J. P. Harper	P. O. Box 2582, Raleigh, N. C.
A. R. Harris	Unknown
T. M. Hassell, Jr.	P. O. Box 95, New Bern, N. C.
R. L. Horne	711 Royster St., Shelby, N. C.
H. G. Johnson	699 Joyner St., Greensboro, N. C.
J. F. Johnson, Jr.	P. O. Box 233, Elizabethtown, N. C.
W. T. Jones	P. O. Box 448, Greenville, Fla.
W. G. Kelley	P. O. Box 4166, Richmond 24, Va.
S. H. Long	Rt. 3, Legion Dr., Knoxville, Tennessee
D. E. Moreland, M.S. '50; Ph.D. '53	Agronomy Dept. Gardner Hall, N. C. State College, Raleigh, N. C.
E. L. Munger	Box 72, South Boston, Va.
A. P. Mustian, Jr.	1660 Marvin Ave., Leesville, La.
L. A. Muth	Stanfield, N. C.
R. E. Nielsen	1311 Glenwood Rd., Brooklyn 30, N. Y.
R. L. Noneman	2196 White Oak Rd., Raleigh, N. C.
W. R. Parham	812 Hepler Rd., Richmond, Va.
T. W. Patton	Box 572, Jacksonville, N. C.
M. E. Pekar	Box 21, Winstonsboro, S. C.
H. R. Powers, Jr., Ph.D. '53	Div. of Cereal Crops & Diseases, Plant Industry Station, Beltsville, Maryland
F. P. Probst	4692 Eastover Ave., Richmond, Va.
Franklin Salzman	418 Alabama Ave., Brooklyn, N. Y.
R. F. Smith	Unknown
W. Mc. Stanton	Rowland, N. C.
P. M. West	P. O. Box 563, North Wilkesboro, N. C.
F. E. Whitfield	106 Murdock Ave., Asheville, N. C.
A. D. Wilson	599 Pine St., Farmville, Va.
D. K. Wilson	Unknown
F. W. Woods	Co. For. Exp. Sta., Marianna, Fla.
O. T. Wynne	Route 3, Box 664, Elizabeth City, N. C.
T. E. Yancey	Box 97, Waverly, Va.

Class of 1950

H. W. Alexander	Box 335, Murphy, N. C.
T. C. Alexander	194 Tucker St., Burlington, N. C.
P. E. Appleby	995 Lander Rd., Cleveland 24, Ohio
J. C. Barber, M.S. '51	1986 Knightsbridge Rd., Macon, Ga.
A. C. Barefoot, M.F. '51	School of Forestry, N. C. State College, Raleigh, N. C.
R. L. Beal	International Paper Co., Brandon, Miss.
F. W. Biddix, Jr.	Spruce Pine, N. C.
C. A. Blevins	Box 275, Norton, Va.
D. R. Bowling	Box 52, Pachuta, Mississippi
R. E. Boyette	1714-A Maple St., Goldsboro, N. C.
A. W. Bragg	1709 G. St., Durham, N. C.
G. P. Brank	Box 374, Albemarle, N. C.

W. R. Broadwell D-4 Country Club Homes, Raleigh, N. C.
 J. R. Bunch Hobbaville, N. C.
 D. T. Burkett 5402 Phillips Hwy., Jacksonville, Fla.
 P. O. Campbell 219 Smith St., Georgetown, S. C.
 L. R. Cantliffe, Jr. 93 Hall Ave., Meriden, Conn.
 M. J. Cavanaugh 1607 Nance St., Newberry, S. C.
 J. F. Clayton Box 129, West Jefferson, N. C.
 L. D. Curle Box 12, N. Wilkesboro, N. C.
 W. F. Currence Route 1, Box 166, Belmont, N. C.
 H. G. Dallas, Jr. Country Club Homes, Raleigh, N. C.
 J. J. Dee 111 Tibbetts Rd., Yonkers, N. Y.
 H. C. Dellinger, M.F. '51 Box 333, Mt. Holly, N. C.
 D. A. Dubow, M.F. '54 143 Fairbanks St., Hillside, N. J.
 W. R. Edens 488 Pearl St., Darlington, S. C.
 A. C. Edwards Box 113, Aceonac, Va.
 W. T. Ellison, Jr., M.F. '56 Dist. Ext. Forester, c/o County Agent, Washington, N. C.
 E. J. Engel 1548 Cambridge Dr., Macon, Ga.
 J. T. Evans Box 667, Sylva, N. C.
 B. F. Finison c/o R. B. Finison, Troy, N. C.
 W. C. Furr Unknown
 J. H. Gilliam Rt. 2, Elon College, N. C.
 T. E. Glant 2298 Thames Dr., Redding, Calif.
 J. A. Gravely 502 S. Caldwell St., Brevard, N. C.
 R. L. Gray Tompkinsville, Kentucky
 H. J. Green N. C. Dept. of C. & D., Div. of Forestry, Raleigh, N. C.
 T. S. Griffin Menzel Co., Elizabeth City, N. C.
 W. V. Griffin Route #3, New Bern, N. C.
 R. W. Gross 66 Fletcher Ave., Valley Stream, N. Y.
 R. J. Hare 1116 Holburn Place, Raleigh, N. C.
 N. M. Hicks 887 S. Frayser Circle, Memphis, Tenn.
 J. D. Hill Box 664, Rockingham, N. C.
 J. C. Holland 205 Lake Forest Parkway, Wilmington, N. C.
 H. Kahen 11 Wesley Ave., Port Chester, N. Y.
 Wm. R. Kiser 22 Audley Lane, Glen Lennox, Chapel Hill, N. C.
 R. C. Kornegay S. 5th St., Smithfield, N. C.
 J. C. Lampe 7011 Mornington Rd., Baltimore 22, Md.
 H. A. Lockemer Williams-Brownell Co., Biltmore, N. C.
 V. D. McDonald J-3 Country Club Homes, Raleigh, N. C.
 E. P. McMillan, Jr. Box 421, Rolling Fork, Mississippi
 F. W. Miller 112-12th St., Jannette, Pa.
 A. W. Millers 1614 Ridgewood Blvd., Hendersonville, N. C.
 E. C. Moon 101 S. Laurel Ave., Charlotte, N. C.
 M. S. Moore Route #3, Box 851, New Bern, N. C.
 M. A. Mulkey Box 984, Marion, S. C.
 C. A. Musser 2405 Greenway Ave., Raleigh, N. C.
 R. C. Overby Route #3, Rocky Mount, N. C.
 J. R. Padgett Alabama National Forest, Centerville, Ala.
 W. J. Paschal P. O. Box 495, Lillington, N. C.
 W. W. Paylor Box 152, Longhurst, N. C.
 W. R. Phelps 209 Clifford Court, Madison, Wisconsin
 J. H. Phillips, Jr. Box 134, Nashville, N. C.
 W. L. Pierce 203 York Drive, Portsmouth, Va.
 J. M. Poplin Tidewater Piling & Timber Corp., Portsmouth, Va.
 D. H. Price 922-23 St., Hickory, N. C.
 L. R. Propst, Jr. Unknown
 F. R. Puckett 528 Overlook St., Greensboro, N. C.
 J. R. Rankin 1004 Tatam Dr., New Bern, N. C.
 B. W. Ratts Box 366, Clarkton, N. C.
 T. S. Rhyne Richardson St., Whiteville, N. C.
 W. R. Rickman c/o Mrs. W. P. Rickman, Rt. 4, Franklin, N. C.
 B. H. Ropeik Unknown
 J. W. Saffley Box 102, South Mills, N. C.
 W. H. Seavey Box 222, Waverly, Va.
 K. B. Sexton 1715 Cole Mill Rd., Durham, N. C.
 M. N. Shaw, Jr. 5 Montford Place, Asheville, N. C.
 J. W. Sisson 136 Washington Terrace, Audubon, N. J.
 H. H. Smith Unknown
 J. F. Spivey, Jr. 3504-B Parkwood Dr., Greensboro, N. C.
 H. G. Turner, Jr. 2598 White Oak Rd., Raleigh, N. C.
 Marion A. Tuttle Box 199, Elizabeth City, N. C.
 A. R. Verbeck 1041 W. Belden Ave., Syracuse, N. Y.
 L. J. Walls, Jr. Lake Waccamaw, N. C.
 M. F. Ward Box 684, Wendell, N. C.
 J. B. White, M.F., '50 Hattiesburg, Miss.
 W. B. White 903 Nichols St., Henderson, N. C.
 T. W. Whitt Box 6341, Raleigh, N. C.
 J. M. Wilkinson, Jr. New Augusta, Miss.
 T. L. Willis Box 1141, Raleigh, N. C.
 R. E. Williams Unknown
 W. H. Williams P. O. Box 83, Beaufort, N. C.

Class of 1951

J. F. Allen	960 Ellis Ave., Orangeburg, S. C.
J. H. Beaman	Box 76, Marion, N. C.
D. H. Bush	Box 671, Jacksonville, N. C.
C. B. Cense, Jr.	U. S. Plywood Corp., Orangeburg, S. C.
Charles Cousins	Seward Luggage Mfg. Co., Lbr. Div., Petersburg, Va.
E. M. Estep	315 Pennington Ave., Lenoir, N. C.
P. B. Etchinson	Weaverville, Calif.
B. W. Gentry	401 Cedar St., Laurinburg, N. C.
D. R. Godwin	Atlantic Plywood Corp., Florence, S. C.
L. D. Greenwood	25 "F" St., Frostproof, Florida
J. T. Hance	S. C. State Comm. of Forestry, Columbia, S. C.
H. R. Hendricks	Urbana, Virginia
I. C. Henson	Unknown
L. T. Hunter	Heritage Furniture Co., Mocksville, N. C.
R. W. Hutson	11 Gibbs St., Charleston, S. C.
A. P. Jervey	171 Wentworth, Charleston, S. C.
R. C. Jewett	Deceased
R. W. Johansen, M.S. '55	Route #3, Lake City, Fla., Box 7
E. M. Jones	903 St. David St., Tarboro, N. C.
J. G. Lusk	21 W. 6th Ave., Williamson, W. Va.
J. C. Masten	8 Leak Ave., Wadesboro, N. C.
F. P. Meacham	428 Lansing Rd., Raleigh, N. C.
W. P. Mitchell	RFD #2, Snow Hill, N. C.
R. F. Penland	P. O. Box 7084, Asheville, N. C.
J. R. Reid, Jr.	829 Daniel St., Apt. B, Raleigh, N. C.
J. F. Renfro	School of Forestry, N. C. State College, Raleigh, N. C.
A. C. Ronne, Jr.	1208 Clay Ave., New York 56, New York
S. C. Rose	205 Hillside Ave., Fayetteville, N. C.
A. F. Rowe	Rt. 2, Box 179, Greenville, N. C.
W. E. Scholtes	1810 Elizabeth Ave., Winston-Salem, N. C.
R. E. Shilling	Box 584, Elizabethtown, N. C.
A. F. Skaarup	107 Oak Lane, Cranford, N. J.
W. D. Shofner	e/o Health Survey Consultants, 572 Washington St., Wellesley 81, Mass.
D. A. Stecher, M.F. '51	20 Mill Street, South Gardner, Mass.
C. M. Story	Box 578, Southern Pines, N. C.
T. L. Suggs	703 Hay St., Fayetteville, N. C.
P. D. Sykes	109 N. Anderson St., Morganton, N. C.
M. A. Tuttle	Box 199, Elizabeth City, N. C.
H. M. Westbury	Dist. Forester, S.C.F.S., Kingstree, S. C.
C. C. Willoughby	903 Sycamore St., Weldon, N. C.

Class of 1952

J. D. Besse, M.S. '52	Roddis Corp., Sault Ste., Marie, Canada
G. M. Blanchard	720 Hays St., Raleigh, N. C.
H. J. Boger	Swannanon, N. C.
J. J. Cornette	Unknown
L. A. Cramer	1309C Eaton Pl., High Point, N. C.
J. D. Crook, Jr., M.W.T. '55	590 Church St., Cleveland, Tenn.
H. R. Garrett	U. S. Forest Service, 1503 Evans, Newberry, S. C.
J. E. Graham	Box 345, Orangeburg, S. C.
Thomas J. Ginn, M.F. '52	7209 Forest Rd., Kent Village, Hyattsville, Md.
H. H. Gresham, L.P.M. '53	302 Oak Ave., Lexington, N. C.
T. N. Hardin	Route #3, Milan, Ga.
H. G. Harris, Jr.	Louisburg, N. C.
J. S. Hinshaw	216 S. George St., Rocky Mount, N. C.
S. M. Hughes	Sandhills Wildlife Area, Box 126, Hofmann, N. C.
C. A. Jackson, Jr., L.P.M. '53	Unknown
J. V. Jackson, Jr.	B-2, 400 Monroe Lane, Charlottesville, Va.
E. N. Jordan	Tyner, N. C.
R. Kral	1130 Paulina St., Oak Park, Ill.
G. E. Lamb	Box 173, New Bern, N. C.
C. L. Lane, Jr.	Butner, N. C.
J. I. Ledbetter	Mt. Gilead, N. C., Box 312
J. L. Leroy	204 Woodlawn St., Walterboro, S. C.
S. E. Lewis	Asst. County Agent, Box 193, Goldsboro, N. C.
W. K. Lusk	21 6th Ave., Williamson, W. Va.
B. C. Meeker	Unknown
J. H. Miller	Unknown
R. A. Moore, M.S. '52	College of Forestry, N. Y. Univ., Syracuse, N. Y.
D. W. Morison	68 French Broad Ave., Asheville, N. C.
A. M. Neilson	Rt. 1, Asheville, N. C.
G. P. Peroni	Box 266, Paul Smiths, New York
D. F. Peterson	Lincoln St., Lincoln, Maine
R. B. Phelps	495 Belmont Ave., Windsor, N. C.
J. B. Reid	Rt. 3, Box 88, Hamburg, Ark.
R. G. Reynolds	Apt. 41-C, Glenhaven Apts., Greenwood, S. C.
V. R. Ross	226 Edgewood Rd., Asheville, N. C.
H. A. Tate, Jr.	Box 516, Elizabeth City, N. C.
W. V. Tate, Jr.	608 West 5th St., Winston-Salem, N. C.
T. G. Whippie, M.F. '52	580 Bryant Court, Orangeburg, S. C.
S. D. Wiggins, M.F. '52	Box 395, Black Mountain, N. C.

Class of 1953

P. W. Adams	Merry Hill, N. C.
G. H. Atkins	Middleburg, N. C.
S. D. Bean	c/o T.V.A., Clinton, Tenn.
J. W. Bennett	Continental Can Co., Fort Union, Va.
D. L. Brennenman, M.F. '53	214 Hawthorne Rd., Fayetteville, N. C.
E. C. Carr, Jr.	139 Centre St., Orangeburg, S. C.
K. M. Corbett, Jr.	2023 Perry Ave., Wilmington, N. C.
P. F. Crank, Jr.	Point Harbor, N. C.
D. M. Crutchfield	62 Roosevelt Blvd., Madison, N. J.
R. E. Dorward	812 W. Colonial Ave., Elizabeth City, N. C.
R. H. Eggleston	Box 97, Carthage, Tenn.
J. D. Garman	504 Main St., Reisterstown, Md.
Max Halber	Unknown
H. M. Harris	3 Pine Tree Road, Asheville, N. C.
J. M. Hayes	404 Wayne Dr., Raleigh, N. C.
G. H. Holshouser	Linville, N. C.
H. W. Hocker, M.F. '53	FA-5 College Rd., Durham, N. H.
R. G. Jenkins	Box 366, Eugene, Oregon
F. S. Kelling	Box 224, Gary, West Va.
R. E. Kelling	Box 1105 Madison, West Va.
H. F. Layman	838 Leake St., Southern Pines, N. C.
Milton Noble	Portsmouth, Kentucky
R. H. Tait	1422 Mayfield Ridge Rd., Cleveland 24, Ohio
O. C. Tissue, M.F. '53	Miss. For. Comm., Box 649, Jackson, Miss.
C. E. Webb	Firestone Plantations, Harbel, Liberia, West Africa
M. E. Welch	898 Cornell St., Fredericksburg, Va.
J. C. Wessell	Hallsboro, N. C.
H. H. Wheelless	602 S. Boylan Ave., Raleigh, N. C.
R. T. White	737 Henry St., Marion, Va.
D. J. Wolf	590 Carlisle St., Hanover, Pa.
D. O. Yandle, M.S. '54	Forest Products Lab., Madison, Wisconsin

Class of 1954

H. J. Anderson	915 Burch Ave., Durham, N. C.
T. W. Arnold	Rt. #1, Beaufort, N. C.
J. M. Barker	Box 524, Norton, Va.
J. P. Barrett	2303 Memorial Dr., S. E., Atlanta, Ga.
W. M. Blanton	2123 E. 7th St., Charlotte 4, N. C.
R. O. Bideaux	Box 344, Aberdeen, N. C.
J. C. Biggert	Box 196, Cantonment, Fla.
M. B. Bryan, M.S. '54	6 Rovenna Dr., Asheville, N. C.
J. M. Clement	1005 West Lenoir St., Raleigh, N. C.
J. J. Derro, Jr.	433 Washington St., Winchester, Mass.
O. J. Dutka	535 So. 10th St., Newark 3, N. J.
J. R. Goldner	662 Kinsman St., Warren, Ohio
F. R. Groves	Box 153, Ferdinand Beach, Fla.
C. A. Hart, M.S. '54, Ph.D. '56	3506 Hillsboro St., Raleigh, N. C.
M. L. Holmes	1600 Brooks Ave., Raleigh, N. C.
S. Janczura	79 Palmer St., Falls River, Mass.
R. B. Jordan	Mt. Glead, N. C.
M. S. Katana, M.S. '55	Kirkuk, Iraq
B. G. King	118 W. Phil-Elena St., Philadelphia, Pa.
B. Lulich	Firestone Plantations, Harbel, Liberia, West Africa
E. B. Lane	204 Rocky Ford St., Morrilton, N. C.
W. R. Langley, Jr.	Rt. 5, Box 303, Greenville, N. C.
A. S. Messenger	Powhatan, Va.
J. E. Nicholson	Franklinton, N. C.
J. W. Norris	304 Minturn Ave., Hamlet, N. C.
A. E. Paetzell	Lane Co., Inc., Altavista, Va.
B. B. Payne	Rt. #3, Canton, N. C.
L. F. Rand, M.W.T. '55	603 Emmett St., Palatka, Fla.
C. F. Raper	Qtrs. 3508-B, Fort Lewis, Wash.
C. J. Reis	Champion Paper and Fibre Co., Canton, N. C.
W. W. Saur, M.F. '54	536 Rua de Novembro, Lavras, Minas, Brazil, J.A.
C. S. Sewell	224 E. 5th St., Lumberton, N. C.
W. F. Taylor, M.W.T. '54	403 Colchester Ave., Burlington, Vt.
T. L. Thrash	P. O. Box 276, Hot Springs, N. C.
J. P. Tunstall	Edward, N. C.
J. J. Wells	306 Maple St., Rutherfordton, N. C.
F. D. Wentworth, M.W.T. '54	599 Adrian Dr., Memphis 17, Tenn.
B. B. White	1621 Walton Way, Augusta, Ga.
W. B. Woodrum, Jr., M.S. '54	3436 Rosewood Ave., S.W., Roanoke, Va.
E. B. Wright, Jr.	Union Creek Ranger Station, Prospect, Oregon
L. H. Yost	10 Fifth Ave., Thomasville, N. C.

Class of 1955

O. G. Alfare	D.T.I.C.A., Casilla 13, 120, Santiago, Chile, South America
J. M. Archer	3-A Veterans Drive, Oteen, N. C.
J. B. Brown	188 Flint St., Asheville, N. C.
F. W. Cobb, Jr.	Dendron, Va.

J. F. Chapman 2325 Rosewood Ave., Winston-Salem, N. C.
 C. E. Cramer 404 East 51st, Savannah, Ga.
 E. L. Dallery 85 Ampere Parkway, E. Orange, N. J.
 E. D. Flowers Rt. #1, Box 58-A, Council, N. C.
 T. R. Frazier Apt. #10, Cambow Apts., Abington, Va.
 L. E. Gallup, M.F. '55 School of Forestry, N. C. State College, Raleigh, N. C.
 A. W. Gilliam 300 Second Ave., Farmville, Va.
 R. H. Goslee 600 5th Ave., Portsmouth, Va.
 P. L. Hardy, Jr. Mineral, Va.
 E. L. Hiatt Rt. #5, Mt. Airy, N. C.
 N. E. Hill 1102 N. West Ave., Crossville, Tenn.
 W. T. Huxster, Jr. 611 Prince St., Georgetown, S. C.
 P. E. Hoekstra, M.S. '55 Box 92, Lake City, Fla.
 R. J. Kalish Rt. #1, Freehold, N. J.
 D. B. King, M.W.T. '55 Rt. 2, Box 363, Portsmouth, Va.
 R. B. Lankford Camp Mfg. Co., Franklin, Va.
 B. J. Larkey Box 632, Hazard, Kentucky
 W. A. Larson 722 14th St., Ambridge, Penn.
 T. J. Lester 308 Starling Ave., Martinsville, Va.
 E. H. McGee Ferguson, N. C.
 Q. A. Malmquist Post Mills, Vermont
 O. A. Manucy 20 Tradd St., Charleston, S. C.
 G. B. Mouthrop Rt. 2, Great Barrington, Mass.
 G. H. Pierson 55 Wetmore Ave., Morristown, N. J.
 W. F. Price, M.F. '55 Apt. 7, City Hall Apts., International Falls, Minnesota
 C. J. Purdy, Jr. 206 E. Gaston St., Savannah, Ga.
 J. Ralston, M.F. '55 Cedar Creek Farm, Rt. #5, Box 48, Aiken, S. C.
 J. F. Robinson 1604 S. Taylor St., Arlington, Va.
 J. E. Russisell, Jr. "H" Co., 501 Airborne Infantry Rert.
 101st Airborne Infantry Div., Fort Jackson, S. C.
 E. H. Seaman Norlina, N. C.
 D. R. Smith Bemis Hardwood Lumber Co., Robbinsville, N. C.
 J. E. Telcel 313 Winans Ave., Hillside 5, N. J.
 R. J. Thomas, M.W.T. '55 3716 A. Herbert Ave., Pennsanken, N. J.

Class of 1956

B. D. Barr, Jr. West Jefferson, N. C.
 R. H. Beal 13-A Verville, State College Station, Raleigh, N. C.
 M. T. Brooks 218 Owen Dorm, Box 4473, State College, Raleigh, N. C.
 J. C. Burns 110 East Park Dr., Raleigh, N. C.
 D. S. Calderon 135-19 82nd Ave., Kew Gardens, New York
 H. T. Caldwell 321 Tucker Dorm, Box 4752, State College, Raleigh, N. C.
 P. B. Carson, Jr. Rt. 4, Gastonia, N. C.
 R. F. Chrismer, M.W.T. '56 Poinsett Mfg. Co., Pickens, S. C.
 W. R. Curtis Otto, N. C.
 G. L. Dickson, Jr. 11 Syme Dorm., Box 3607, State College, Raleigh, N. C.
 W. B. Dozier 18 Dixie Drive, Raleigh, N. C.
 W. J. Groub, Jr., M.W.T., '56 Madison Hall, Port Republic, Va.
 Glenn Haney, M.S. '56 P. O. Box 257, Union, S. C.
 K. T. Harrell 340 Turlington Dorm., Box 4298, State College, Raleigh, N. C.
 D. W. Horton 109 Turlington Dorm., Box 4206, State College, Raleigh, N. C.
 D. C. Jones Syme Dorm, Box 3606, State College, Raleigh, N. C.
 J. W. Jones, Jr. 2514 Clark Ave., Raleigh, N. C.
 G. N. Leinback, Jr. 337 Turlington, Box 4296, State College, Raleigh, N. C.
 A. L. Martin 101 Turlington Dorm., Box 4200, State College, Raleigh, N. C.
 R. J. Miller 3 Stadium, Box 4348, State College, Raleigh, N. C.
 F. B. Monroe West End, N. C.
 W. C. Woods, Jr. Champion Paper & Fibre Co., Box 308, Edgefield, S. C.
 R. A. Nelson 115 Bagwell Dorm., Box 3315, State College, Raleigh, N. C.
 C. M. Price, Jr. 128 Turlington Dorm., Box 4225, State College, Raleigh, N. C.
 E. J. Rayburn
 D. W. Robinson, M.F. '56 P. O. Box 213, Kirbyville, Texas
 E. R. Sluder Route 1, Box 224, Newland, N. C.
 E. B. Smith, Jr. 110 East Park Drive, Raleigh, N. C.
 J. G. Swift West Cornwall, Conn.
 J. W. Tester 305 Woodsway Lane, Lenoir, N. C.
 J. E. Webb, Jr. 107 Welch Dorm., Box 3243, State College, Raleigh, N. C.
 C. L. Wilson 112 Underdown Ave., Lenoir, N. C.



Complete Service

DESIGN

by our own engineering staff

INSTALLATION

by our own construction crews

MAINTENANCE

by our own service specialists

of Corrosion-Resistant

LININGS and TILE TANKS

World's leading designers and builders of reinforced tile structures for pulp and paper mill tanks, chests, washer vats, chip silos, bleachers, etc.

World's leading erectors of acid-, alkali- and corrosion-resistant, non-metallic linings for digesters, bleachers, chlorine dioxide systems, reactors, etc.

Write for Bulletin A-153



STEBBINS

Engineering and Manufacturing Company, Watertown, N. Y.

STEBBINS ENGINEERING CORP. — 1504 TOWER BLDG., SEATTLE, WASH.

CANADIAN STEBBINS ENGR. & MFG. CO., LTD. — CASTLE BLDG., MONTREAL, CANADA

from tree to finished lumber



**ALLIS-CHALMERS EQUIPMENT HELPS THE
LUMBER INDUSTRY PRODUCE MORE . . .
FASTER, BETTER AND AT LOWER COST**



Tractors for yarding and skidding logs, building roads, clearing landings, cutting fire lanes.



Motor graders for building and maintaining truck haul roads, maintaining fire lanes, leveling camp sites.

Power units for running saw and planing mills, and other operations requiring stationary power.

Allis-Chalmers builds four crawler tractors and tractor shovels from 45 to 204 hp; three motor graders from 50 to 120 hp; five diesel power units from 12 to 197 hp; two gasoline power units from 28.4 to 50 hp — plus a complete line of matched logging equipment.

CONSTRUCTION MACHINERY DIVISION,
MILWAUKEE 1, WISCONSIN

ALLIS-CHALMERS



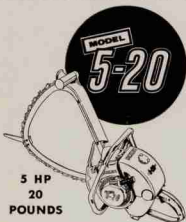
Tractor shovels with attachments for loading and handling logs and finished lumber, handling variety of maintenance jobs in the woods or at the mill.

IT'S NEW!

IT'S FASTER CUTTING!

IT'S ALIVE WITH POWER!

HOMELITE



**5 HP
20
POUNDS**

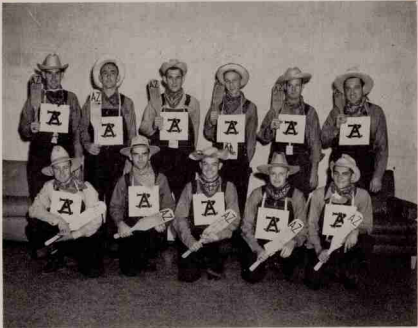
**CHAIN
SAW**

HOMELITE

Div. of Textron American, Inc.

**CAROLINAS
DISTRICT**

PATRONIZE OUR ADVERTISERS



Right to left Back row; Alpha Zeta Fall Pledge Class: Parton, Lovett, Law, Winston Ammons, Dickey.
Front row; Pickenheim, Brooks, Holt, Jackson, Harris.

Advertising Index

Page No.

8	West Virginia Pulp and Paper Co.
17	Capital Coca-Cola Bottling Co.
17	Riegel Paper Corporation
18	Champion Paper and Fiber Co.
23	The Council Tool Co.
25	Pacific Car and Foundry Co.
28	Bartlet Manufacturing Co.
28	Ferguson's Hardware
30	Students Supply Store
35	Friendly Cleaners
42	State Barber Shop
44	E. D. Jones and Sons Co.
45	Halifax Paper Co.
50	Top Hat Grill and Tavern
51	The Timberman
58	Asten-Hill Manufacturing Co.
59	International Paper Co.
65	Columbia-Southern Chemical Corp.
72	Forestry Suppliers
77	Chapman Chemical Co.
86	Olin Mathieson Chemical Corp.
116	Stebbins Eng. and Manf. Co.
117	Allis-Chalmers
118	Homelite Corp.

Acknowledgments

In bringing to a close the 1956 PINETUM, the editor would like to say a sincere thanks to those who made it possible.

First, to the faculty members and students,—a deep appreciation to you for your contributions of ideas, articles, photographs, and hours of labor without which there could be no PINETUM.

Then to our advertisers, alumni, students, and School, without whom the PINETUM would not exist,—thank you for your financial assistance.

To Professor Slocum who patiently answered many, many questions and who gave the editor encouragement, also for the quotations of which Prof. Slocum knows nothing about until the PINETUM comes off the press, the editor is grateful and knows Prof. will take them with the best of spirits and probably another sharp remark. Prof. Slocum has advised the staffs of the PINETUM over the years with the utmost patience and we only hope we are worthy of such a friend.

To John D. Guthrie, for the use of the three poems from his book *Forest Fires* and other verse, thanks.

To all who make this edition possible, thanks, and to the readers, especially the graduating Seniors who have for the last four years been the best friends a fellow could ever hope to have, Good Luck and God bless you wherever you may go.

Autographs

Autographs

Autographs

Autographs