

TEXAS

ALLY

1967



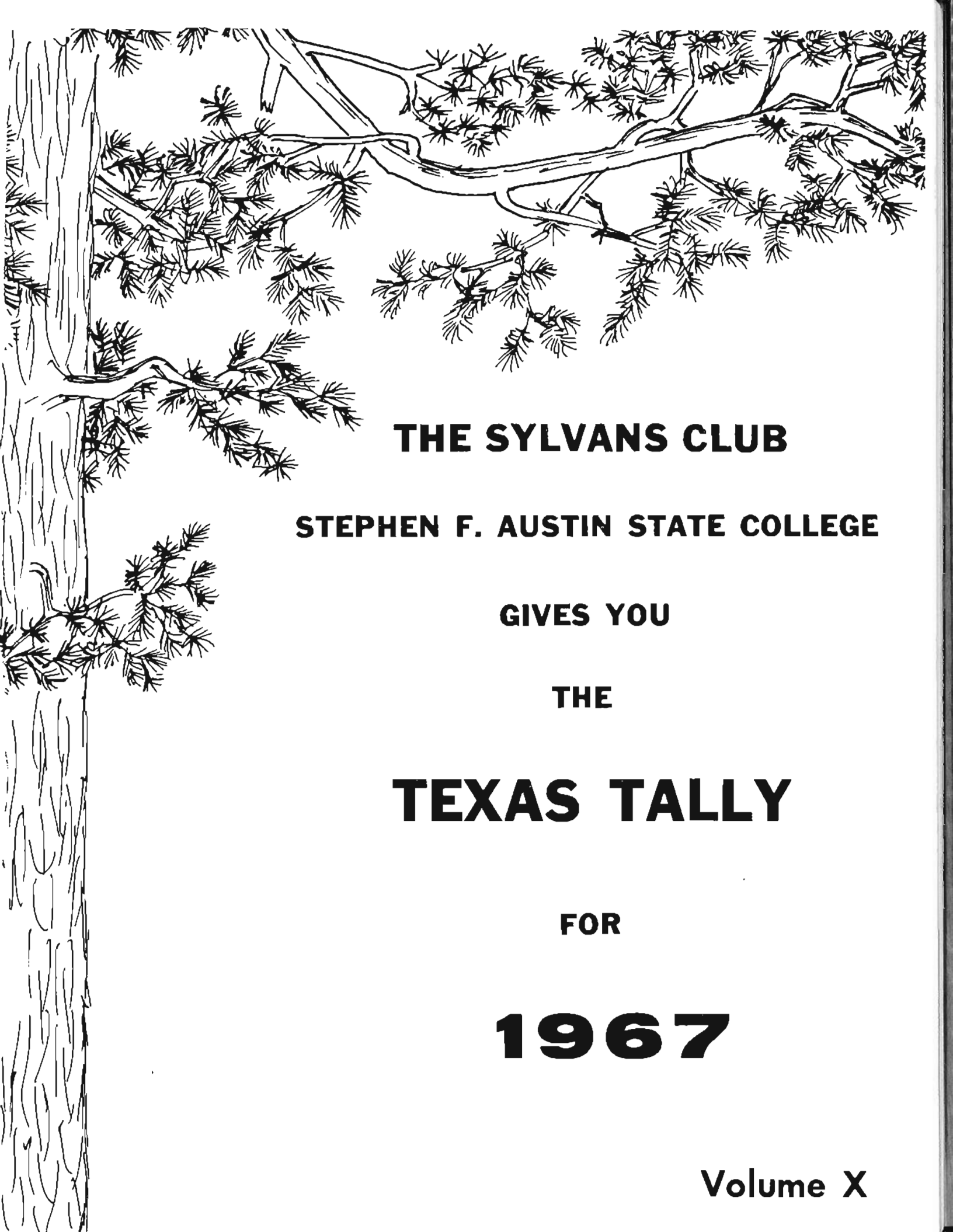
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THE SYLVANS CLUB

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GIVES YOU

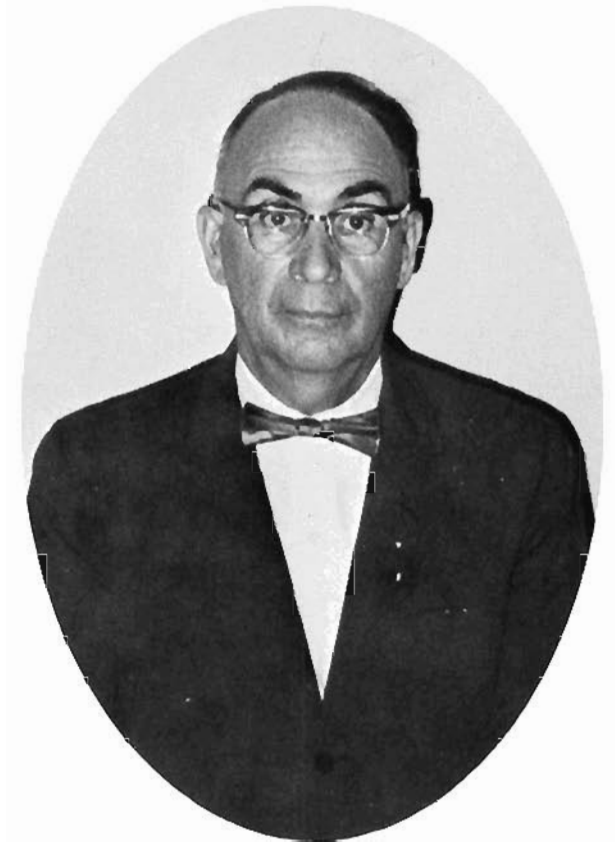
THE

TEXAS TALLY

FOR

1967

Volume X



DEDICATION

The Sylvans Club is delighted this year to dedicate the 1967 TEXAS TALLY to Dr. Arthur F. Verrall, professor of forest pathology. Although relatively new to the faculty, Dr. Verrall has won the respect and admiration of each of us who has been so fortunate as to have a course under him.

Line _____ Point _____ Type _____ Date _____
Running on _____ Location _____ Estimator _____

TABLE OF CONTENTS

DBH	5	6	7	8	9	10
Sh.	106 211	131 262	160 320	174 348 523	192 384 576	206 411
Lob	105 210	134 268	163 326	177 355 532	196 393 589	212 424

Pine Pulpwood Tally — Volumes in Cubic Feet per Acre

Legend: Red Oak — Post Oak — Sweet Gum — Beech ~ Other
White Oak — Hickory — Black Gum

Hardwoods										Loblolly Pine										Shortleaf Pine										DBH	Number of 16-Foot Logs
10	12	14	16	18	20	22	24	26	28	30	10	12	14	16	18	20	22	24	26	28	30	10	12	14	16	18	20	22	24		
Dedication	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	Total
Tally Staff	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Advertising Staff	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Dean's Letter	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Faculty	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Staff	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Odds-n-Ends	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Sylvans' Officers	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Graduate Students	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Seniors	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Juniors	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Sophomores	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Freshmen	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Classes	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Phi Eta Sigma	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Field Day	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
The Lost Soul	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Summer Camp '66	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Homecoming	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Hunting Trip	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Intramurals	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Christmas Dinner-Dance	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
ASFC Conclave	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Predicting the Height of a Young Loblolly Pine	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Plantation With the Exponential Curve	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
History of Forest Conservation in Texas 1900 to 1935	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
The Availability of Private Land for Public Hunting in Angelina County, Texas	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
Tally Advertising	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	
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Grand Total																															



BOB RINEHART
Editor

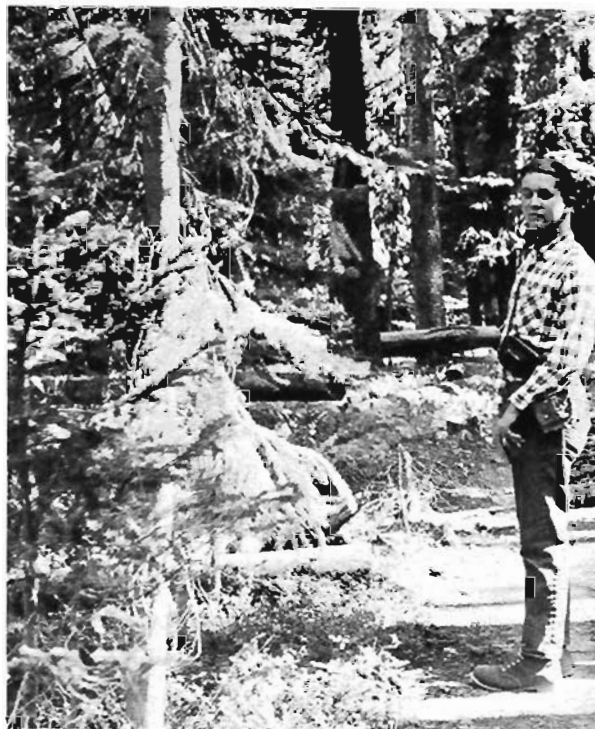
TALLY STAFF - 1967

I would like to thank all of you who contributed, directly or indirectly, to this year's TEXAS TALLY. I would especially like to thank Len Lankford, our assistant editor-photographer-layout man and Jack Crider, our business manager. Also, a word of praise is due all of you who participated in work projects and sold ads.

I hope that you-all enjoy reading your TALLY as much as we have enjoyed working on it.

Bob Rinehart
Editor, TEXAS TALLY

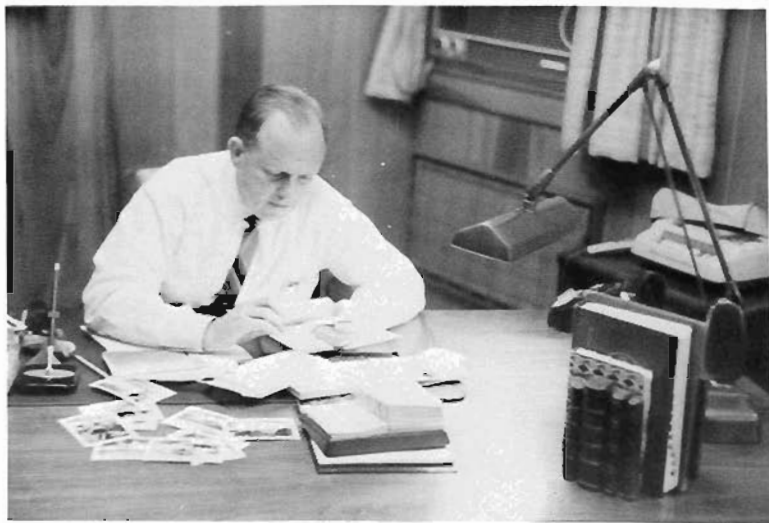
LEN LANKFORD
Assistant editor, photogra-
pher, layout man and general
flunky.



1967 ADVERTISING STAFF



Front Row: Tim Hill, Pat Kelher, Jack Crider.
Second Row: Frank Williamson, Joe Waller, Dale
Hinz.



FROM THE DEAN'S DESK

A YEAR OF EXCITEMENT

by Laurence C. Walker, Dean

Accreditation by the Society of American Foresters, after almost twenty years of stress and struggle, is the highlight of the decade for SFA's School of Forestry. The decision followed considerable debate at the meeting in Seattle in September of the Committee on the Advancement of Forestry Education of the Society. The Committee's recommendation was unanimously adopted by the Council. Thus, this School takes its place with thirty others so honored.

Accreditation should mean the opening of new opportunities for service—service to students in academics and employment, to the profession, and to the public. With an increase in enrollment fostered by the enhanced prestige, SFA is expected to request undergraduate programs in forest engineering, wood science, and forest products marketing. Non-forestry majors at the College will be encouraged to enroll in forestry courses to broaden their horizons, an especially needed curricular route

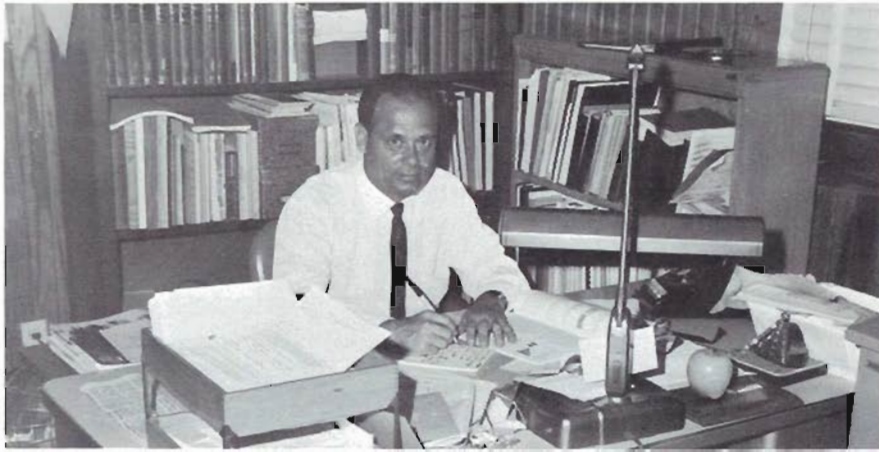
for education and arts majors. While SFA's forestry graduates have never been handicapped in employment opportunities, it is apparent that potential employers, from whom we had never heard, are seeking men from among our ranks.

Opportunities for service to the profession have been stimulated, as by a faculty member being nominated for SAF Council membership, many professors consistently called upon to lecture, and the staff being quizzed on land use positions of political consequence.

Policy recommendations also are a public service opportunity. Others include career selection assistance for high school students and counsellors and informing legislators and others on forestry education, research, and practice.

It is with an appreciation for these opportunities that the faculty and, hopefully, our graduates will be available for service in the national natural resource conservation enterprise.

FACULTY



NELSON T. SAMSON
(Economics, Surveying)
B.S., M.S., Ph.D. State Univ. of New
York College of Forestry



M. VICTOR BILAN
(Slivics)
Diploma, Univ. of Munich; M.F., D.F.,
Duke University



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ELLIS V. HUNT
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Ph.D., State University of New York
College of Forestry



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B.S.F., West Virginia University; M.F.,
University of Georgia; Ph.D., Yale Uni-
versity





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B.S., M.S., Ph.D., Louisiana State University



KENNETH G. WATTERSTON
(Soils)
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LEONARD F. BURKHART
(Wood Tech., Seasoning & Preservation, Utilization)
B.S.F., M.F., University of Washington; M.S., Ph.D., University of Minnesota

STAFF



Thomas S. Wood, Teaching Assistant



Pat Levens, Stenographer



Nancy King, Head Stenographer

STAFF



Mary Jo Linthicum, Librarian



Sue Delatin, Receptionist



Polly Hopson, Typist



Walter Reed, Technician

CAMPUS ODDS-'N-ENDS



Dr. Root—on plot center



Cat Daddy



Gung-ho silviculture "students" hurry on to next stop.



"You can tell Doctor Singer is all forester, notice that group selection haircut effect."



"My, that coat and hat sure do GO well together, Doc."

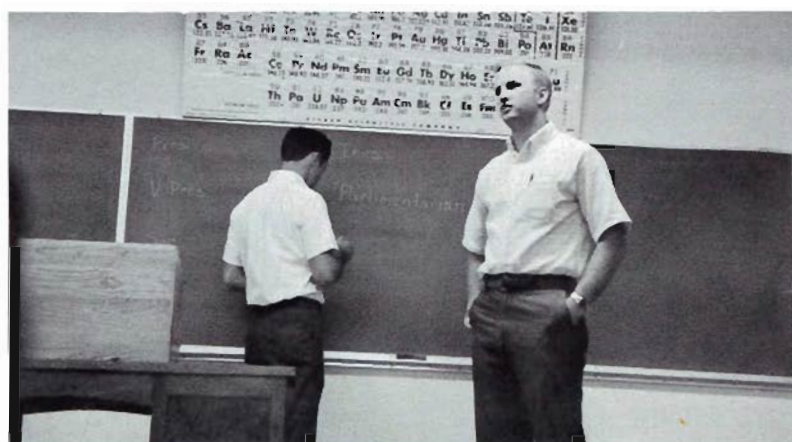


"Seems like there's one in every group."

SYLVANS OFFICERS



Seated: Mickey Jeane, David Bauman, David Westley, Pete Peltier. Standing: Dr. Wiant, Larry Koehn, Jack Crider, Bob Rinehart



"Say Bauman, how do you spell par-lee-men-tar-e-an?"

GRADUATE STUDENTS



JACK McCARTY



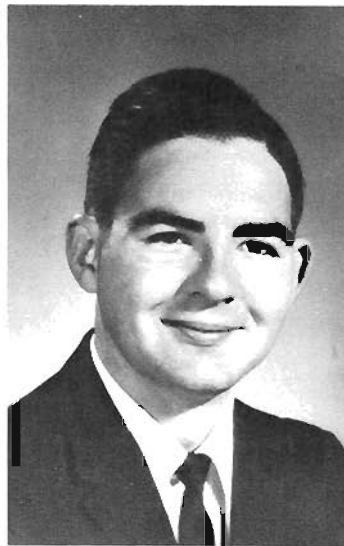
GARY GILMORE



SHAN-WU-JAN



ROBERT LAWTON



JERRY WAYNE DAVIS



TOM WOOD



RAY ENEIM



JERRY DAVIS

SENIORS



MICKEY JEANE



GARY BAUER



DAN DISBROW



DAVID WOODWORTH



DAVE ALEXANDER

SENIORS



DAVID RHODES



DAVID WESTLEY



HARY FAULKNER



PAT O'NEAL



WAYNE EDDY



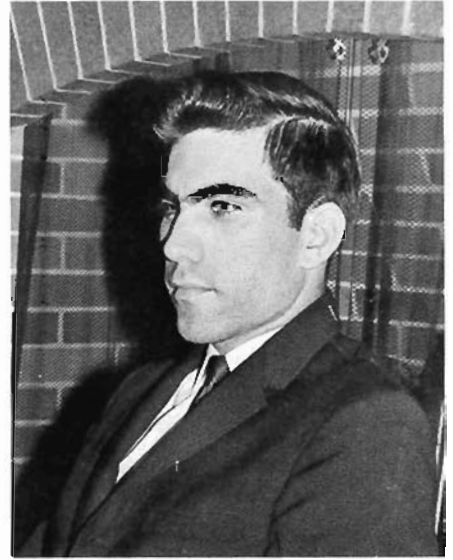
TARRY NEID



BILL PRATHER



DAVID KENNEDY



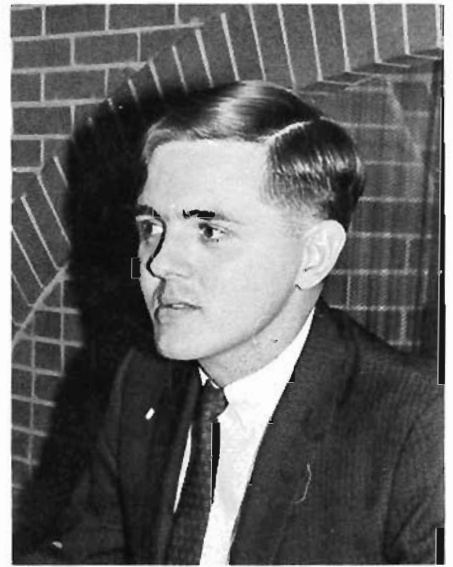
JACK CRIDER



PETE PELTIER



TOM GRAHAM



BOB RINEHART



GARY DAVIES



DAVID BAUMAN



BILL UTLEY

JUNIORS



Front Row: Chris Storer, Guy Allen, Ralph Donnel. Middle Row: Charles Cranfill. Back Row: Larry Willett, Chuck Coates, Robbie Wilburn.

SOPHOMORES



First Row: John Cook, Preston Guthrie, Pat Kelher, Charles Sparks. Second Row: Charles Outenreath, Charles Cochran, Len Lankford. Third Row: Joe Waller, Tom Gunning, Charles Richards. Fourth Row: Larry Koehn.

FRESHMEN



First Row: Milton Williams, Jean Modisette. Second Row: Tim Hill, Aaron Thigpen, Amos Dolliver, Dale Hinz. Top Row: Bill Parten.

FORESTRY CLASSES



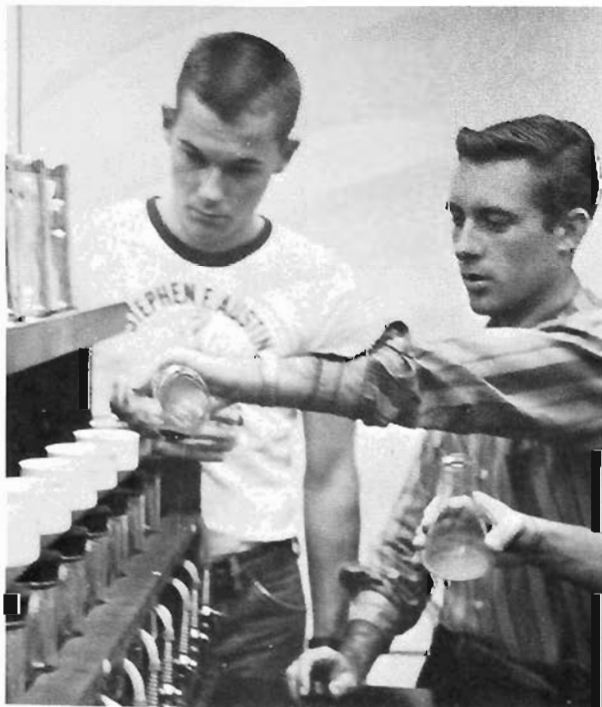
Paste Pot Photogrammetry.



SUperLAtive mapping 123.



"Say Doc, whad'ya do with the bus?"



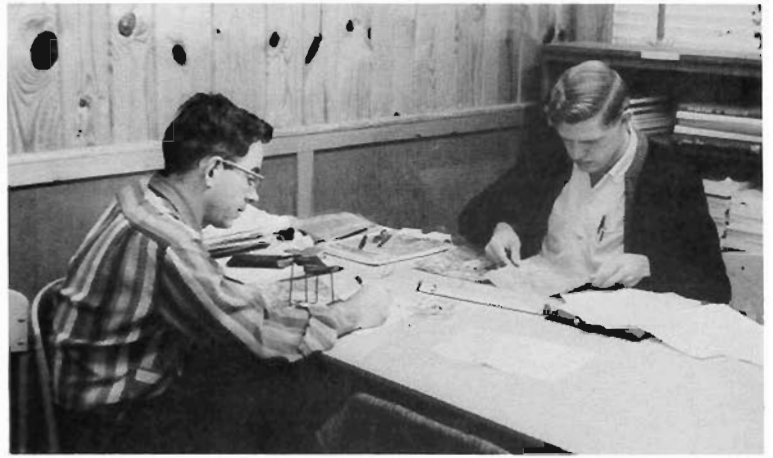
Analyzing dirt.



Forest Management class—busy as bees (more likely C's or D's).



Wood Tech (Bible 340).



Photogrammetry "take home" test.



Photogrammetry Class views "points of interest" at Tobin's in San Antonio.



Forest Recreation—"Now right here we have another \$40,000 treatment plant; uh-oh, where's Nled?"

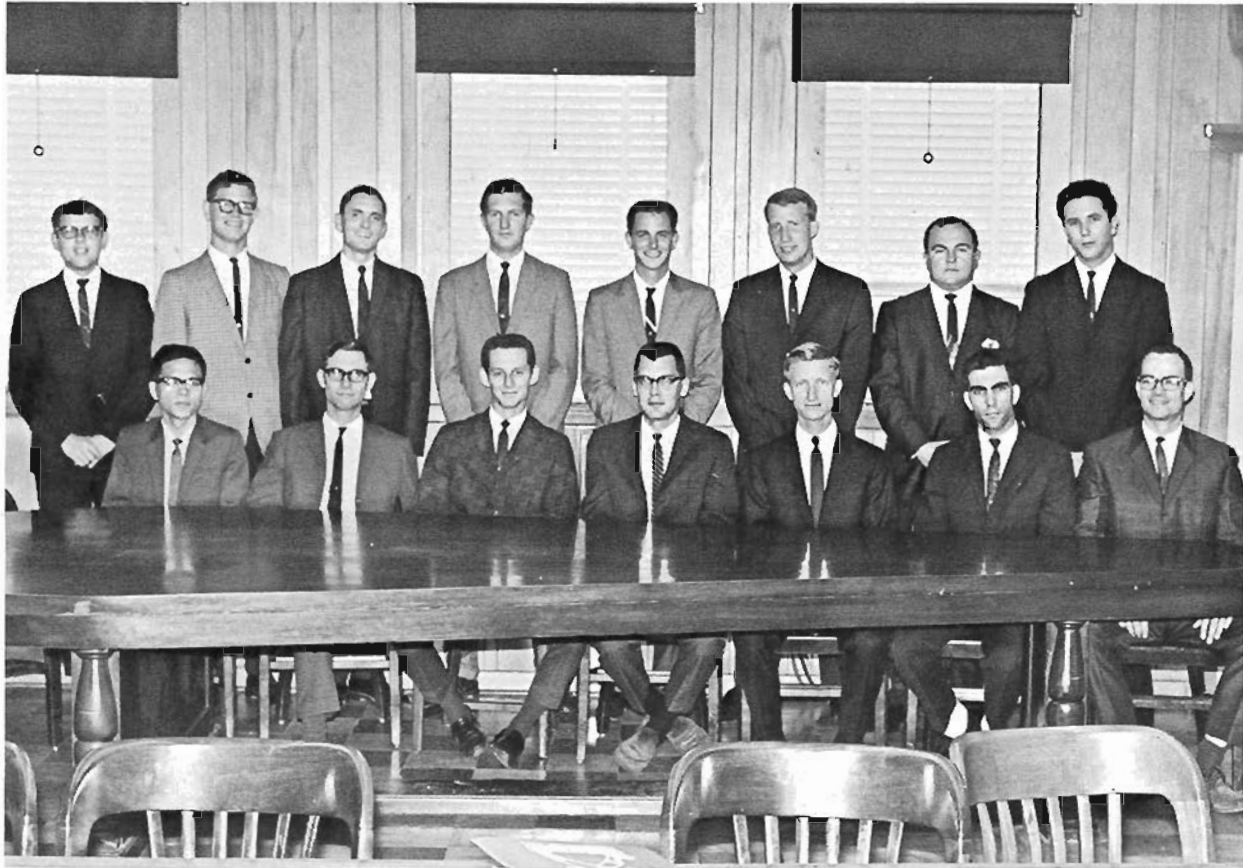


Pat: "The DNH (diameter nose high) is approximately 14.2158." (For. 111)



"*Salix sylvestris*?" (Dendro)

PHI ETA SIGMA FORESTRY HONOR SOCIETY



Front Row: Shan-Wu-Jan, David Westley, Tommy Graham, Gary Gilmore, David Kennedy, Jack Crider, Jack McCarty. Back Row: David Woodworth, Wayne Eddy, Robbie Wilburn, Mike Herring, Grant Gaumer, Mickey Jeane, Harry Faulkner, Darwin Foster.

SYLVAN FIELD DAY

By Carolyn Rinehart, Consulting Journalist

Saturday, October 15, was a great day for the seniors as all four classes of forestry majors gathered on the practice field for the annual Field Day.

Seniors showed their obviously superior fitness, agility and general bearing from beginning to end in such distinguished events as the crab race, wheelbarrow race, and crazy bat race. Total points for the seniors were 89, as compared to 55 for the (shh!) freshmen, 46 for the juniors, and 41 for the sophomores.

Events began at 12:30 p.m. or thereabouts, with the softball throw which was won by Sechler, a soph. Other races and illustrious first place winners ended up like this on the old tally sheet: football throw, Bowersox, senior; sack race, Harrison, senior; caterpillar race, seniors; three-legged race, Amerman and Harrison, seniors; crab race, Harrison, senior; wheelbarrow race, Bowersox and Harrison, seniors; volleyball, juniors; rope pull, seniors; crazy bat race, seniors.

After all these came the day's finest race—to the table for HOT DOGS!

(30)



"The Chief" ("chief what?")



"But I don't like scrambled eggs!"



Volleyball Sox



"A pair-o'-docs"



"An enigma"



Wait! I thought this was the Astros' training camp!



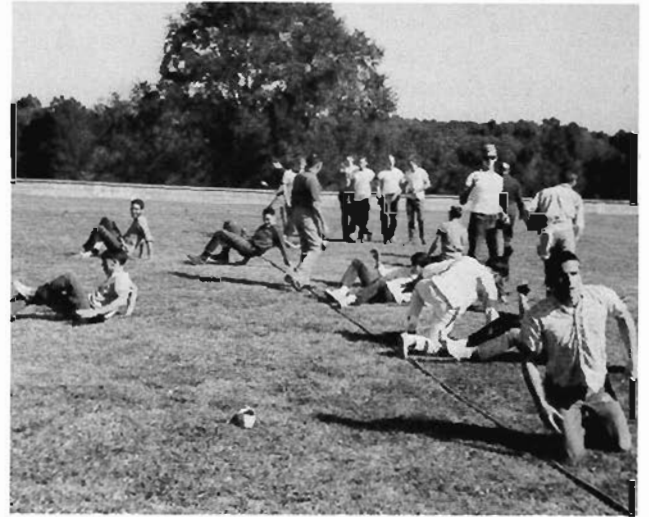
"Hold that pose"



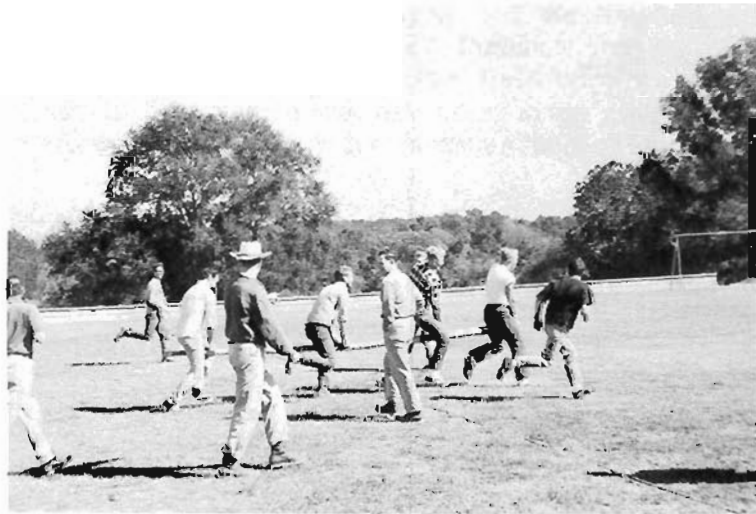
You Again!



"Say Smiley, could you step back just a little?"



Oh aches!



Drop it now, Petel



"Mount!"



finis

THE LOST SOUL

Author Unknown (for sure)

I walked into the smoke-filled room;
I saw the littered floor, I could feel the gloom
The occupants looked up with blood-shot eyes
The air was filled with hopeless sighs.
A young man was present and filled with despair
Why should he, just a boy, be there?
A broken home? An unfaithful wife?
Too much worry in his young life?
Then I thought "Why, I'm a fool;
He must be a student in the Forestry School!"
The boy was mumbling in his beer
I slipped up close where I could hear
"Photosynthesis, insect collection,
Seed source studies, fire protection,
Nursery plans, avoid the draft,
Four variables on one graph,
More economics, marginal utility,
Site index, soil fertility,
Control hardwoods, management plan,
Cutting method in the old field stand,
Fire insurance, land rent,
Industry and government,
Compound interest, more frustration,
Two more courses in mensuration,
Draw pine cones, collect leaves,
Scientific names for all the trees
Resin ducts, pores diffuse,
Longitudinal parenchyma, What's the use?
Summer camp, timber to cruise,
To Hell with it, pass the booze."
That was the end, he said no more,
He'd passed out drunk on the floor.
To this lost soul I make my plea,
"Move over Bud, make room for me!"

SUMMER CAMP 1966

by Dan Disbrow

Thirty eager beavers and one decrepit individual (affectionately referred to as "Son") showed up at the SFA summer camp for the first semester of summer classes. Everyone was eager, that is until Pete rang the bell on the first morning and we had to get down to business.

This year, the first two weeks were spent touring east Texas and west Louisiana in "Old Yeller", the trusty school bus. We visited nearly every kind of wood utilizing plant imaginable, and had dinner on the ground on nearly every trip. Under the guidance of Dr. Burkhart and the faithful driver of Pete, we covered some 1500 miles of highway. What we wouldn't have given for an air conditioned model!

Dr. Walker and Dr. Watterston were next on the agenda. They managed to drive some of the silvicultural aspects of forestry into us, in spite of the heat. A few field trips were made in this course too, one being to the richest redbug and seed tick territory in east Texas.

Mr. T. H. Silker, of Oklahoma State University, was guest lecturer on one of the field trips.

Logging and sawmilling provided work for three crews, under the expert guidance of Mr. Hunt. Of course, we had one SUPERIOR crew, which could do nothing right, but wound up with the best grades of the whole camp. I believe their leader was called "Machete Leg" Long-acre. Needless to say, there was more physical labor put out during this course than will be gotten out of most of us for several years.

Dr. Samson and Dr. Baker brought up the rear, with their mixture of Mensuration and Surveying. About this time we also picked up four new students. Doc didn't appreciate the size paths we cut while surveying; he thought he could drive the 2-1/2-ton truck through. Maybe they were just a little wide. Dr. Baker made a dally inquiry in the interest of the two kittens, the best fed animals in the camp.

"D-9" Kreigel, "Cat" Herring and "Ivy" Walton were the main casualties of the last part



The Crew



"Sing it purty, Mike."



Working on the green chain.



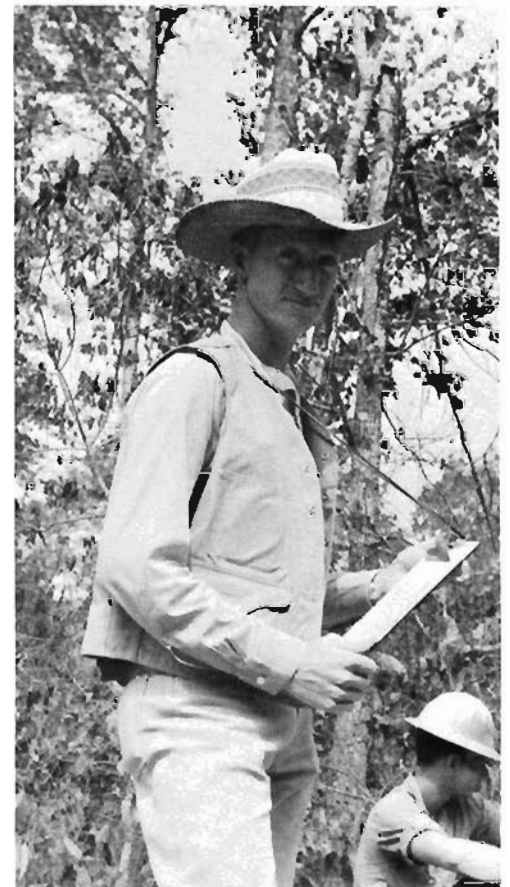
Dinner-on-the-ground

of summer camp. Seems as though "D-9" was chasing an armadillo near the garbage dump full of slabs; what a story for future generations! That was the night he should have gone to the trash burning.

There were even some obnoxious sign painters in our midst, and they should have drawn flight pay for one of their maneuvers. Dr. Root would probably bear witness to that fact.

The fortunate individuals who spent weekends in camp had the opportunity to taste the fine cuisine of master chef Hatcher. They were the ones who gained the most weight. One weekend, they even had a barbecued pig "ala primitive."

All things considered, it was an enjoyable summer, and I'm sure everyone is thankful there will never be another one like it in their lifetime. Who would ever want to spend another whole morning taking a mensuration quiz, backed up with a surveying test.



"Gobble, gobble, gobble"



"You're supposed to move the transit,
not the stake, Sox."



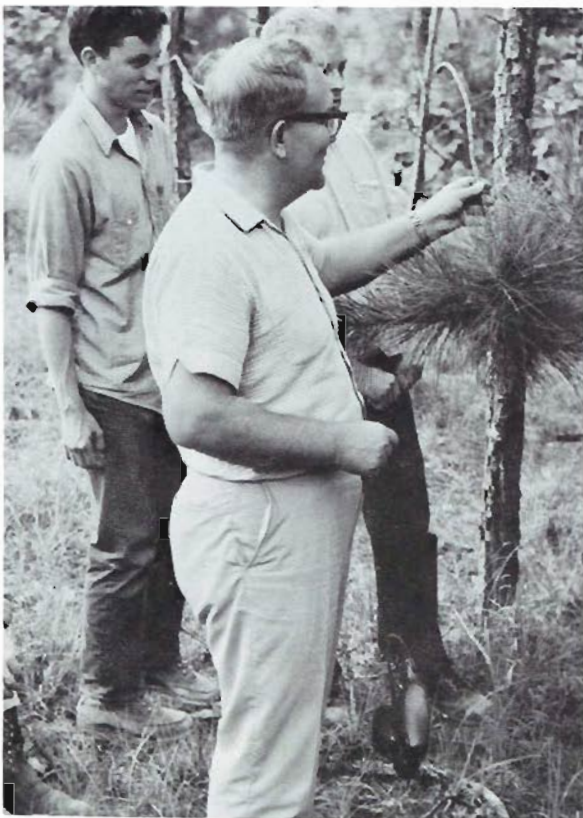
Plot center



Center plotter



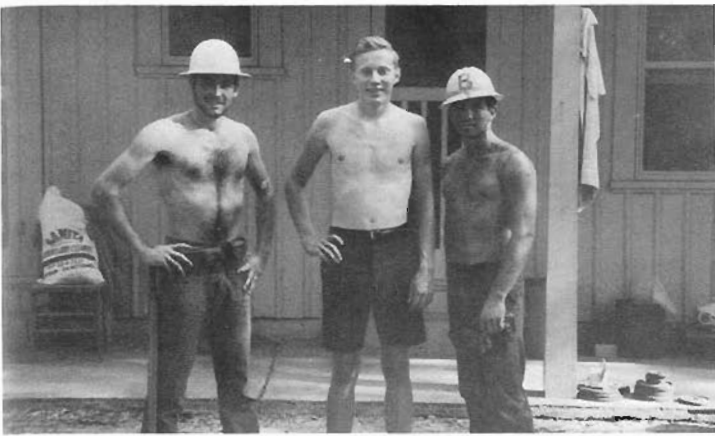
Plattman and Tweety Bird have a word with the fellas.



"I don't know what for you want to ask question, you haven't heard anything yet."



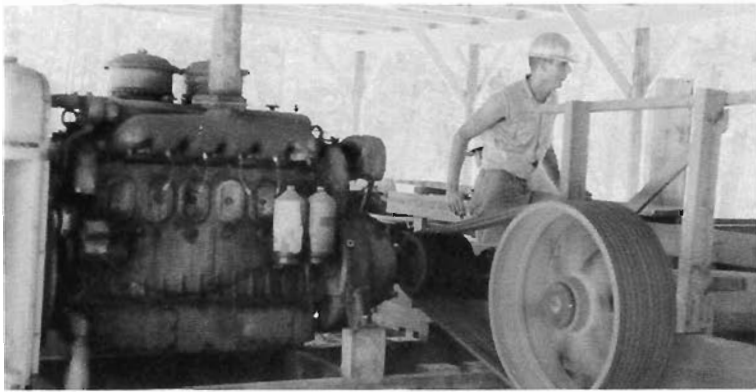
"Now I aint no expert, of course, but up in Oklahoma we'd call that dirt."



That's the Coppertone Kid in the middle.



Bull---o' the Woods; "For all practical purposes you just blew the whole course, fella."



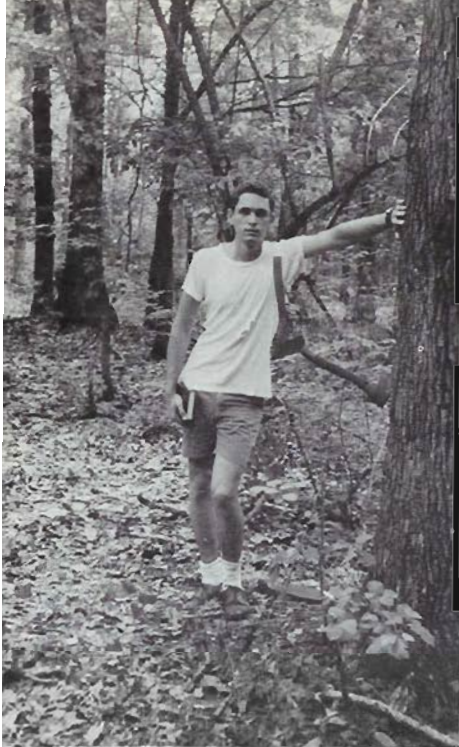
"Hey Darwin, your fly's unzipped."



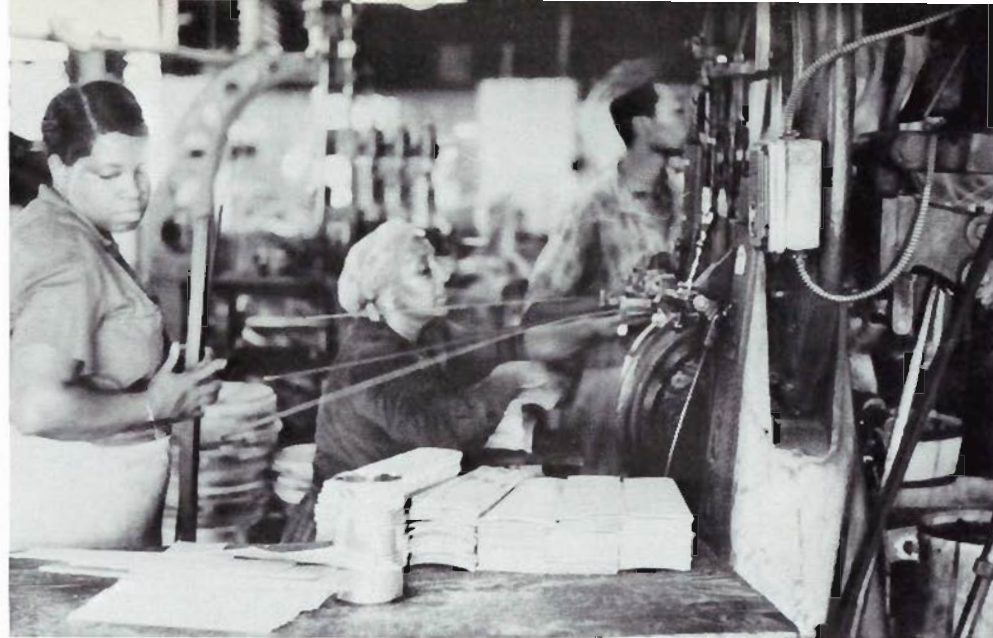
Logging & sawmilling instructor



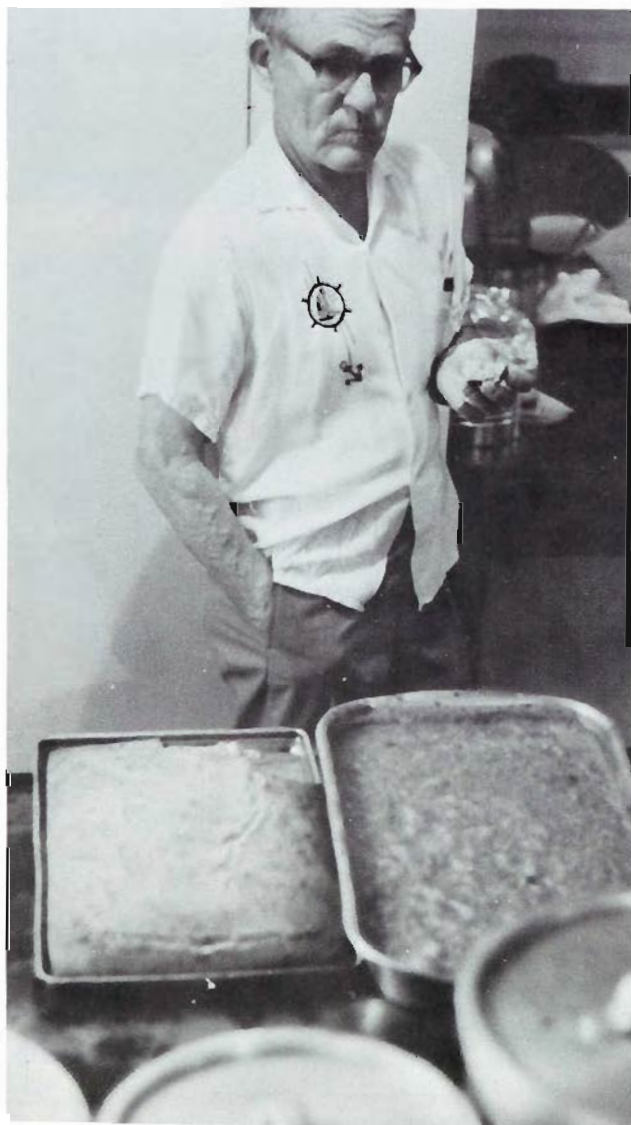
"Okay fellas, if you'll hang on to your poop sheets we'll drive down the road about 400 miles and see some real keen road cuts."



Robble, the hood.



Rhythm 'n' blues.



M. L. ("meat loaf") Mason.



"B" Crew



Good Friday



"Pass the 'lemonade,' Nic."



"If there's a sludge pit on this sumbitch I'll eat it."



HOME



Just like the local gals (piggy).



"Rest easy, America, your National forests are in good hands."



"I neither know nor care..."

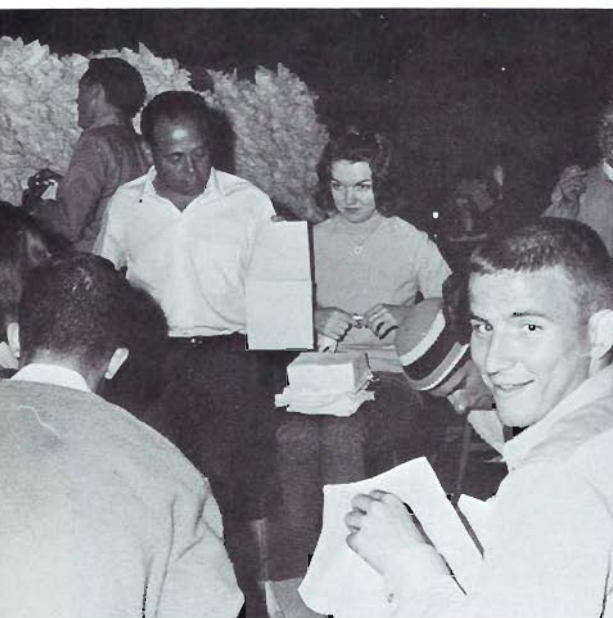
HOMECOMING



Manufacture begins



Fluffer Chieftess



"A Napkin!"



Homemade power saw



Finished product



P**2's Duchess



The bear cat's death march.



Sylvans back the Jacks.



The freshman tail.



Second place float trophy.

HUNTING TRIP

by Guy Allen

This year's hunting trip, as those in the past, was a great success and a lot of fun to all of us who attended. As we wheeled into Carter's pasture for this annual event, everyone had a peculiar "delightful feeling" about the ensuing week-end.

The afternoon started early for Allen and Ansley, as they were the first two to make the scene. But the serenity of the forest did not last long, as about twenty other Sylvans arrived at the camp house soon afterwards, their faces all aglow.

Hunting went a bit slowly the first day, and few squirrels were shot. Of course, this fact can be easily explained. The forest majors simply were not accustomed to the woods. This obstacle was overcome by late afternoon, though, and everyone could hardly wait for dawn to bring forth the next morning.

When darkness finally descended upon the tribe of hunters, the gambling mood seemed to strike everyone at once, and all hands settled around the big, round table in the camp house. Of course it seemed a lost cause from the beginning for most of us when such studs as Alexander, Levens, and Longacre settled in their places. But Nagle and Ansley also joined in, so we still had some spark of hope. As the game progressed, even the studs made mistakes such as misdealing, over-judging their hands, or knocking poker chips on the floor. They must have been sleepy (or something).

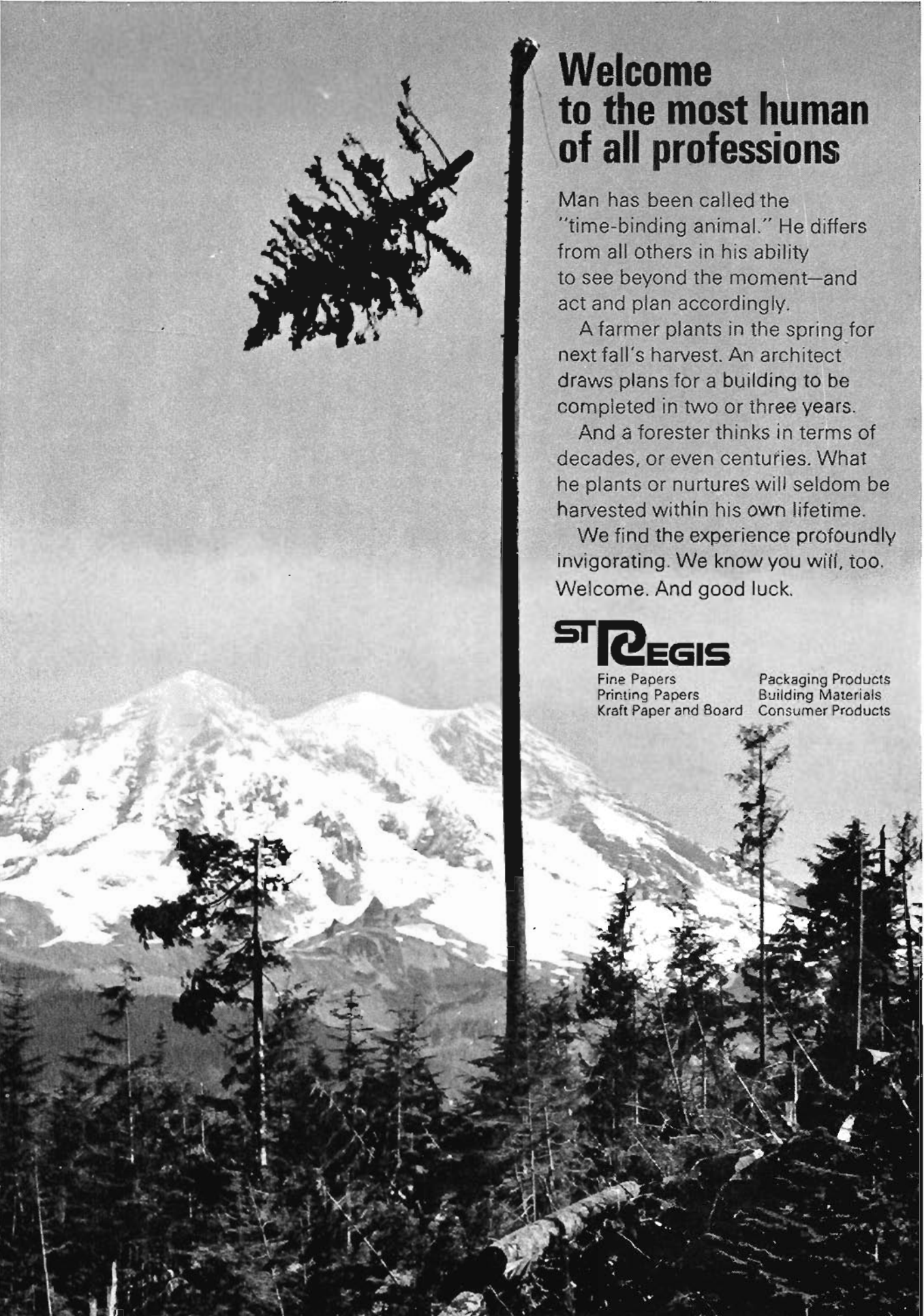
Around midnight, everyone finally got tired and went to bed. That is, almost everyone.

Dewberry seemed to have a little difficulty finding a place to sleep. After getting thrown out of about four different beds, he made his way to the front porch and settled down to a good night's rest.

Before daybreak Saturday morning, the clan stirred to their feet and hustled about getting their clothes on and gathering their "huntin'-irons", which for some reason were locked in the trunk of a car. Some of us decided to make it without breakfast, but no one went without at least one cup of coffee (through and through) that somebody brewed. For most of us, one cup was sufficient. After preparations were complete, we headed to the woods for what proved to be a very enjoyable and successful day. The squirrels were abundant and many of them fell to the superb marksmanship (and in many cases, pure luck) of the Sylvans. Other animals were also seen, such as wild hogs and deer. But none of them looked as fierce nor made as much noise as that wild "Bauer" we saw "tripping through the pines."

Saturday night was much quieter than the preceding night, and we hit the sack quite early anticipating the next day's hunt. Sunday's hunting was also very successful. Every Sylvan present seemed quite satisfied at the results of the weekend as he gathered his belongings and departed from the pasture.

All in all, we had a wonderful time and are looking forward to next year's hunt. Our deepest appreciation goes out to the W. T. Carter Co. for the use of their land.



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A farmer plants in the spring for next fall's harvest. An architect draws plans for a building to be completed in two or three years.

And a forester thinks in terms of decades, or even centuries. What he plants or nurtures will seldom be harvested within his own lifetime.

We find the experience profoundly invigorating. We know you will, too. Welcome. And good luck.

ST REGIS

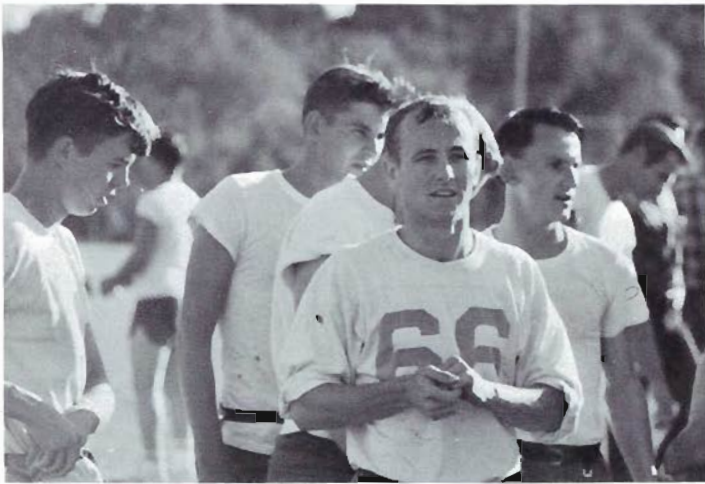
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Sideline coaching



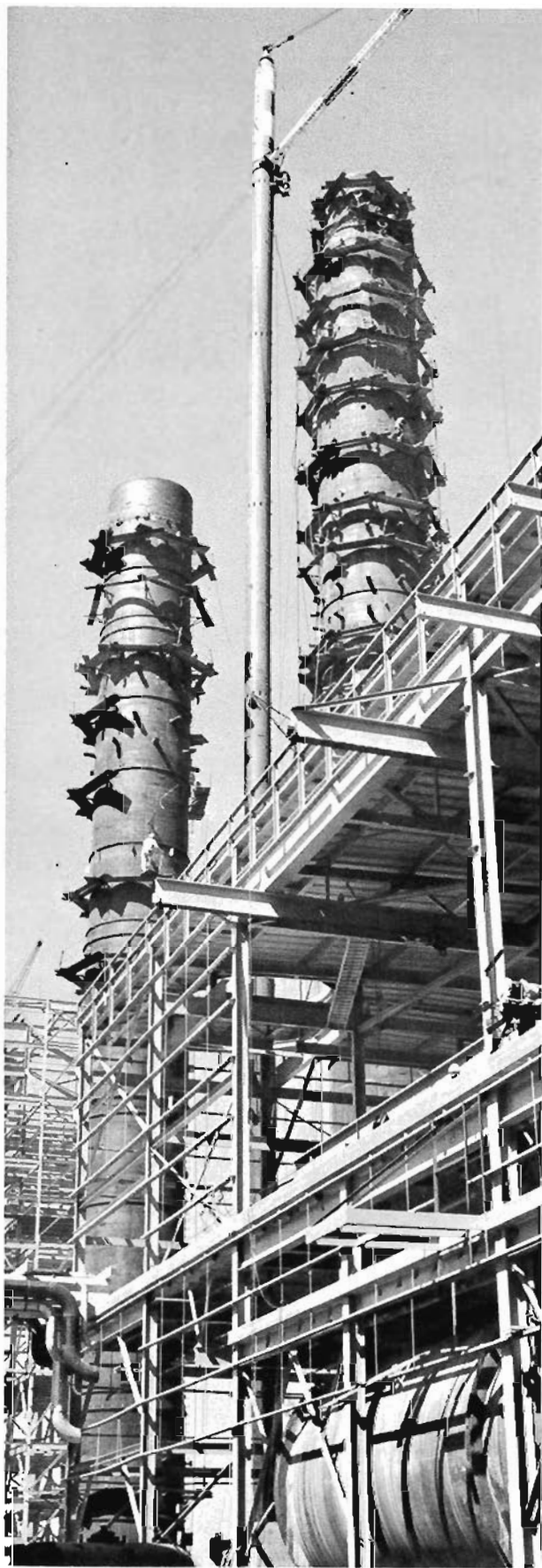
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THE BIG EXPANSION

The pulp and paper industry is experiencing its largest expansion program in history. Representative of this great construction boom are the two continuous digesters pictured at the left being installed at International Paper Company's new \$60-million Vicksburg, Mississippi, Mill.

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This is a challenge to all foresters. At International Paper, our foresters are accepting this challenge and are playing a major role in bringing the Southern forests to maximum production.



INTERNATIONAL PAPER

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Lacy Hunt with Scholarship recipients Westley and Foster.



Jack Crider receives Phi Eta Sigma certificate.



Main serving: water and upside-down coffee.



Fire protection man at work.



"Money, Money!"



"and we are gathered here together. . ."



"We 'dance' so fine"

1967 A.S.F.C. CONCLAVE PARTICIPANTS



Chow Time



Fire-fighting expert



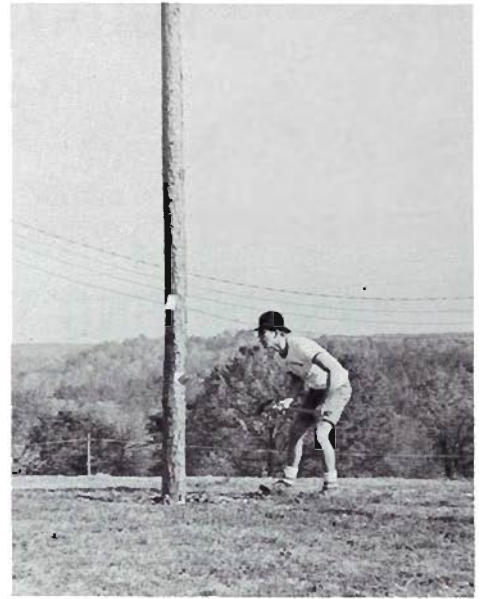
Ranger Hawley at work



"Man, what I wouldn't give for a chain saw!"



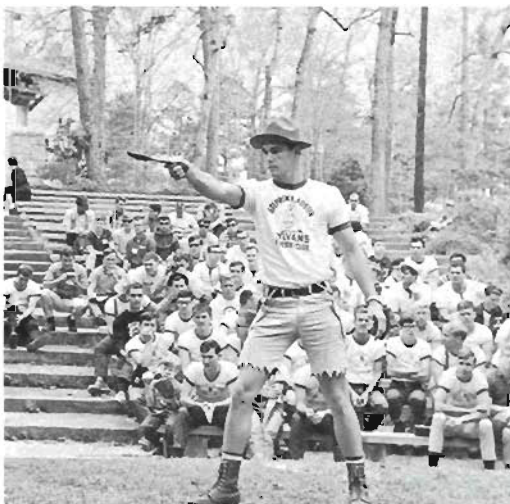
"Push-pull, push-pull, push-pull. . ."



"I'll huff and I'll puff and blow the hell out of it."



"Man, we're almost as efficient as a Cambio de-barker."



James Bowie, SFA Style



"Hey, pick up that toe I just nipped off, will you; might as well give it a decent burial."

PREDICTING THE HEIGHT OF A YOUNG LOBLOLLY PINE PLANTATION WITH THE EXPONENTIAL CURVE¹

by Gary Gilmore

Little work has been done in predicting height growth of young forest plantations. The work done has been primarily by soil scientists for site evaluation.

During the 1958-59 planting season the Southwestern Timber Company of Jasper, Texas, planted ungraded loblolly pine seedlings on its land near Nacogdoches. Seedlings heights were measured at time of planting and on each of the next four years, with all measurements transferred to data processing cards. Seedlings were classified by 14 height classes at time of planting. Measurements were resumed in the eighth year of plantation growth.

Examination of the first five years height growth indicated an exponential growth curve trend for all size classes involved. Height at the end of the eighth year was predicted on the basis of the first five years growth with the exponential curve. The curve was changed to the straight-line by taking the logarithm of both sides. Several transformations of the original were tried, and it was found that the square of age as the independent variable best fit the linear

model. A prediction equation was computed for each size class, and results compared with the actual heights at age eight, both statistically and graphically.

Statistical comparisons showed: (1) no significant difference between actual and predicted heights for three of the size classes involved, (2) significant difference at the 5 percent level for one class, and (3) significant difference at the 1 percent level for all remaining size classes.

In all cases, predicted heights were greater than actual heights. This was attributed to the drought of 1963 and 1964, which shortened the growing season and retarded height growth of the plantation for three successive years. The drought occurred between the time of data collection and prediction.

Predictions were made near the end of the trend in tree growth that can be expressed by the exponential curve. Tree growth was approaching that point where it begins to become linear, hence, the utility of the curve was decreased.

¹Abstract of thesis presented for the M.F. degree, 1967

HISTORY OF FOREST CONSERVATION IN TEXAS 1900 TO 1935¹

by James W. Martin

Prior to the War Between the States there were nearly fifteen million acres of virgin forest land in East Texas. Following the war there was an increased demand for southern lumber, as a result of the eastern and northern forests being cutover. Texas, being on the edge of the vast southern forests, was spared the ravages of the loggers until near the turn of the century. Texas reached its peak in 1907 with 2,197,233,000 board feet being produced. Never again did Texas reach this lumber production mark.

Before 1900 there was little forest conservation work in Texas except for the Texas Arbor Day and Forestry Association. The purpose of this association was to establish a state arbor day and a bill was prepared in 1889 for presentation to the State Legislature. The bill passed and February 22, 1890, was recognized as the first Texas Arbor Day. This success did not insure the survival of this organization.

In 1908 a second attempt was made to create a forest conservation organization. The Conservation Association of Texas (Conservation Congress) presented many new ideas, such as the creation of a state forestry department and a state forester. While many of its ideals were good, it did not last either and timber cutting progressed deeper into the state's remaining virgin timber.

In 1914 a third attempt to organize a forest conservation organization was made by W. Goodrich Jones, who had been active in the two previous conservation groups. He called the citizens of Temple together on November 1, 1914, and organized the Texas Forestry Association.—the primary function of which was to create a state forestry department and a state forester's position.

A bill was prepared and Jones carried it to Austin where he was aided by J. Girvin Peters, Chief of State Cooperation with the U. S. Forest Service; J. F. Phillips, University of Texas geologist; Dean E. J. Kyle; and President W. B. Bizzell, both of Texas A. & M. College. Richard F. Burges, representative from El Paso, introduced the bill as House Bill No. 9 on January 3, 1915.

There were many trying days before the bill was signed into law, which established a state forestry department under the board of directors of Texas A. & M. College. A state forester was provided for along with an annual budget of \$10,000. The creation of this department helped increase the membership and importance of the Texas Forestry Association and probably explains why it survived when the others failed.

W. Goodrich Jones emerged from this work as the "Father of Texas Forestry," and became the state's forest conservation leader until his death in 1950. The work of the state forestry department (Texas Forest Service) continued to expand until by 1935 there were over seven million acres of woodland under fire protection. Forest management practices were demonstrated on four state forests and the state forester's work included lectures over the state, city tree planting, wind-break planting and reforestation in East Texas.

The State Legislature decided in 1933 to invite the federal government to purchase land in Texas and by 1936 the U. S. Forest Service had purchased over 600,000 acres in East Texas. On October 13, 1936 President Franklin D. Roosevelt proclaimed the Davy Crockett, Sam Houston, Sabine and Angelina National Forests in Texas.

The Civilian Conservation Corps established several conservation camps in Texas under the direction of the Texas Forest Service until the National Forests were established. The Soil Conservation Service, National Park Service and other federal conservation organizations later came to Texas to aid in the forestry work.

Forest conservation was aided by good conservation laws of both the state and federal legislatures. In time, more funds were voted for the Texas Forest Service, which resulted in expanded conservation programs and a larger staff to handle the ever increasing work.

Together these private, state and federal conservation efforts established what we know today as successful forest conservation practices. The Texas Forestry Association, Texas Forest Service and the National Forests in

¹Abstract of thesis presented for the M.S. degree, 1966.

Texas emerged as the most noteworthy forest conservation organizations of this era, which all still exist. Such men as W. Goodrich Jones, J. H. Foster, J. Girvin Peters, E. O. Shecke and Richard F. Burges were the powers behind

the conservation organizations and their works. Combined these men and organizations helped to produce the vast timber resources which Texas again possesses in 1965.

THE AVAILABILITY OF PRIVATE LAND FOR PUBLIC HUNTING IN ANGELINA COUNTY, TEXAS¹

by Thomas J. Wood

Questionnaires were mailed to individual landowners and personal interviews were held with responsible industrial forest landowners to determine the availability of private land for public hunting in Angelina County, Texas. A comparison was drawn between large and small individual landowners to see if a significant difference existed between the two classes in their policies and attitudes concerning use of their land for public hunting. Unwritten attitudes on land use policy of industrial landowners were also sought. Questionnaires were sent to all large individual landowners and to 50 percent, randomly selected, of the small individual landowners.

It was found that 62 percent of industrial forest land was open without condition to the public for hunting. However, virtually all industrial land was available for hunting under some condition. If land was leased for hunting, little or no charge was made.

Of the individual land, 27 percent was found to be completely open to hunting. However, only 6 percent was completely closed to all hunting.

The rest was open to those who ask permission and/or who were friends or relatives.

Despite the indications that large landowners were made interested in land policy, had a greater annual income and more formal education, no significant differences were observed in their attitudes toward open land policies and wildlife programs. It was found that 42 percent of the individual landowners were aware of the state law releasing the landowner of liability for people hunting on their land. A majority of the landowners (84 percent) preferred the current program of personal contact with sportsmen hunting on their land than to the several alternatives offered. Over 55 percent of the individual landowners felt that a new or intensified wildlife management program was necessary at the state level.

In combining data secured from the two groups of landowners involved, individually owned and industrial forest, 48 percent of the land area was found to be completely open to hunters and 97 percent open under certain conditions.

¹Abstract of a thesis presented for the M.F. degree, 1967.



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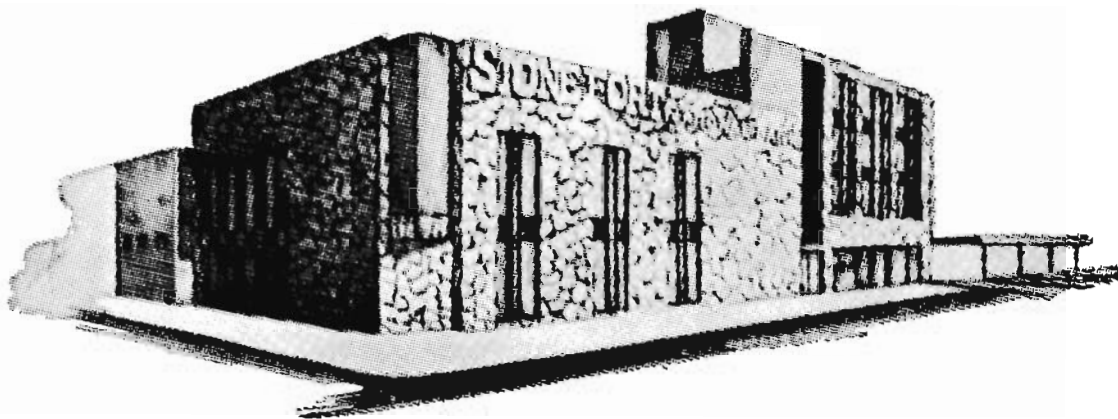
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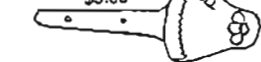
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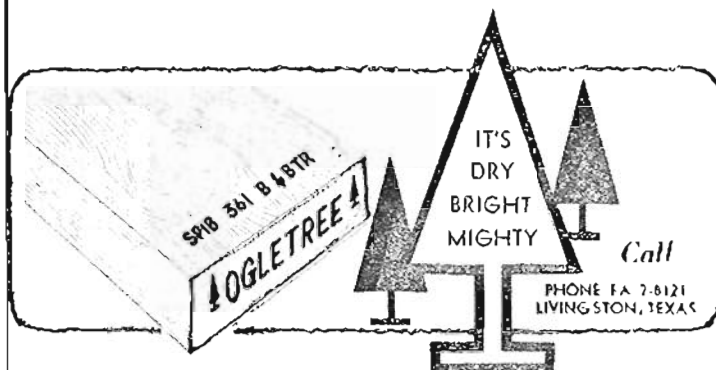
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Forestry 411
Forest Management

Class Quiz No. 7 — April 1, 1963

1. In the typical even-aged forest, there are no odd-aged trees. True or False.

2. If you had 5000 acres of site index 80 land, on which you had a stand of 20,000 board feet of loblolly pine per acre, averaging 40 years, you'd have a hell of a lot of pine. True or False.

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PERRY'S

1915—1967

Sierra Garden Club

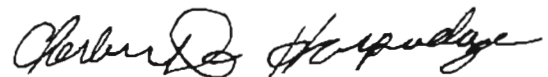
This is to certify that Harry Wiant Jr., Ph.D., dendrology professor of the Stephen F. Austin State College, Nacogdoches, Texas has been accepted as a member in excellent standing for life in the Sierra Garden Club, with offices at Humbolt County, California. This membership is also good, and will be accepted by any of the Sierra Garden Clubs of the United States.

NOTE:

This does not allow you the right to express any of your opinions at any of the meetings.

April 26, 1967 in the year of our Lord, A.D.

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Charles D. Hodgpodge

SECRETARY



Mary Hotentot

Seal of the state of California-----
(confused)

