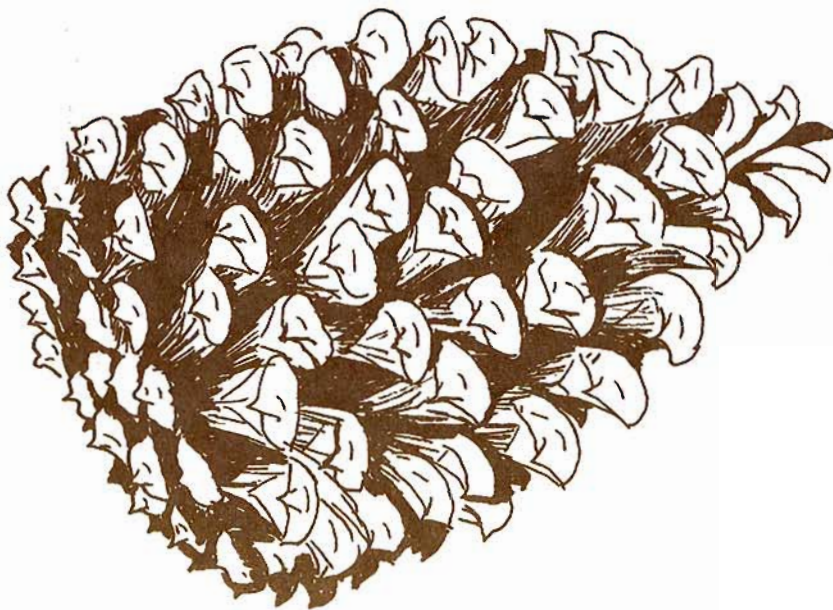
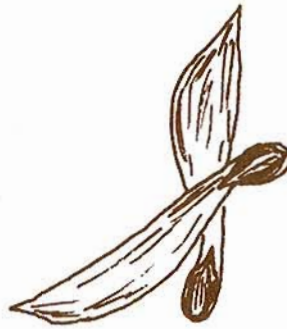
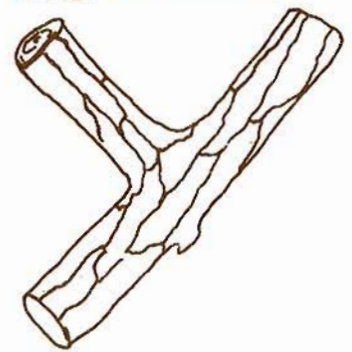
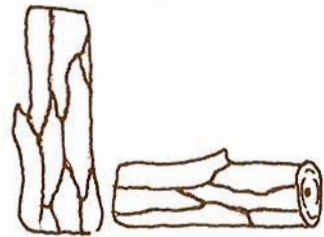
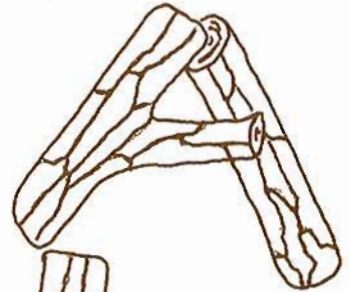
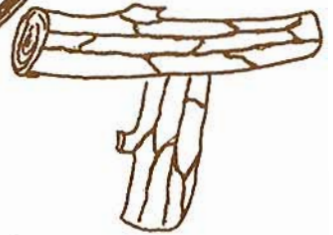
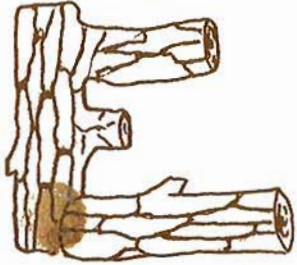
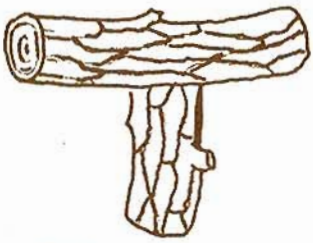


1961



THE SYLVANS CLUB

STEPHEN F. AUSTIN STATE COLLEGE

GIVES YOU

THE

TEXAS TALLY

FOR

1961

Volume 4

FOREWORD

It is difficult to write a foreword without sounding trite. Sentiments, when put into words, always seem to fall short of the desired result. Suffice it to say that we, the staff, hope that this fourth Texas Tally will serve in the future as an old blaze on this year's trail.

OLD BLAZES

Old blazes guide a man again,
On trails unused and over grown,
With newer growth that hides the
 once familiar way.
And so, these thoughts recorded here,
Before today dims yesterday,
Are blazes on forgotten trails
 of memory.

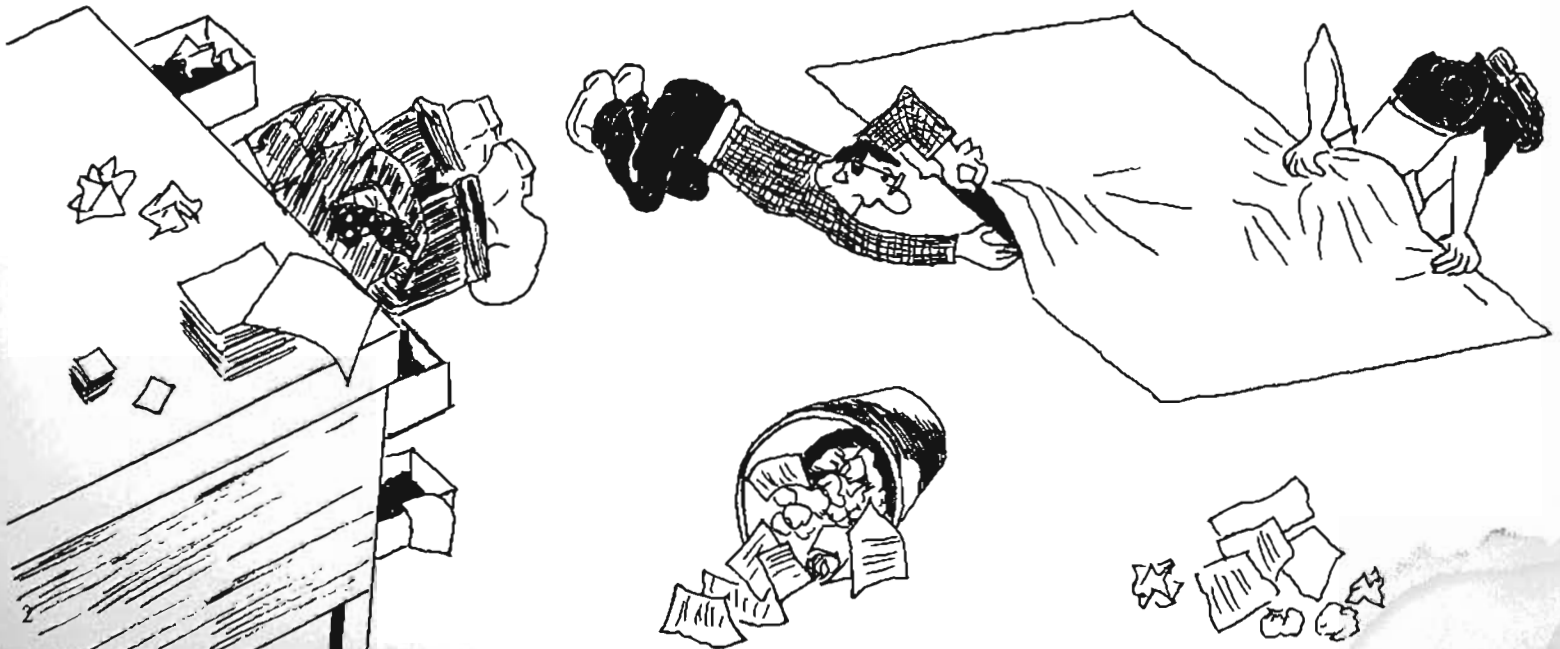
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We wish to express our sincere thanks to all those who have worked to make this annual possible. We especially want to thank Dr. Baker for his unfoiling patience and assistance.

To you, the graduates, and to those of us that remain, we give the 1960-1961
TEXAS TALLY.

Editor: J.E. CARROLL
Business Manager: BOBBY ROBERSON

Asst. Editors: PHILLIP PATE; GUS AYRES
Artist: KENNETH READY





Report on The Department of Forestry



Dr. Arne K. Kemp

Report from the Department Head

Although nothing of an astonishing nature has taken place during the present academic year I would nevertheless like to take this opportunity to report briefly on the activities within the Forestry Department.

For the first time within seven years the enrollment in the Department during the present academic year has shown a decline even though we had a greater number of incoming freshmen and transfer students. This year our enrollment was 85 students as contrasted to 90 students last year. The decline is attributable to a new scholastic probationary policy which was instituted by the College during 1960-61 academic year, which in effect eliminated approximately 15 students from our records. With an increased interest on the part of graduating high school seniors in the profession of forestry for the forthcoming academic year we anticipate an enrollment of over 100 students.

Of particular interest to the Department of Forestry at this time is a special teaching and research appropriation which is in the legislative hopper at this time. Should the appropriation materialize, and we feel reasonably confident that it will, the Department will be in a position to hire

two additional faculty members from the fields of forest soils, entomology and pathology and provide them with new facilities. Some of the funds will be made available to each faculty member so that he can increase his research activity. To expedite research work a semi-technical man also will be hired by the Department. Even with our present resources, the faculty has been quite productive this year. Most of the faculty members have published one or more articles in the various journals and have served on varied committees.

During the current year the Department sponsored a forest soils short course which had an attendance of 20 foresters from industry and the U.S. Forest Service. Lecturers were provided by the Department, U.S. Soil Conservation Service and the Texas Forest Service. It is the intention of the Department to make the short course offerings an annual affair.

The Forestry Department was very fortunate this year in participating in two Visiting Scientist Programs, which have been sponsored under the auspices of National Science Foundation and the Society of American Foresters. In February Dr. Francois Mergen, Forest Geneticist from the School of Forestry, Yale University, spent two days lecturing and discussing forest genetics. During May Dr. Warren Chase, Chairman of the Department of Wildlife, University of Michigan, was with us for two days lecturing on various aspects of wildlife and forestry. The visitations of these scientists served to complement our present course work and to broaden and enrich the training of students. Since the lectures were made known to the foresters in East Texas, we were gratified when we saw a sizable number present at the lectures held by Dr. Mergen and Dr. Chase. It is the consensus of the Department of Forestry faculty and the attending foresters that the Visiting Scientist Program has added immeasurably to the sum total of their knowledge and that the program should be continued next year if at all possible.

We are again indebted to the Alumni Association which has been so helpful this year in legislative matters pertaining to the Department and in student recruitment activities. It is through such activities that leadership qualities in young men are developed. The members of the Department join me in extending our greetings and best wishes to all of you.



Guess who told a joke?



Got a dime?



Sleeping beauty



F
A
C
U
L
T
Y



"Are you sure that you wouldn't
prefer another major?"

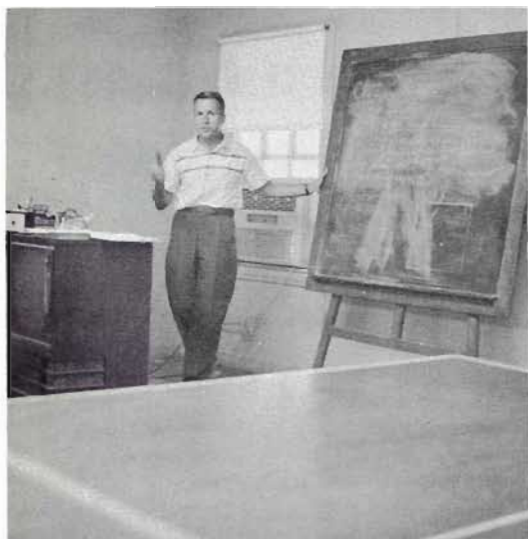


Dr. Arne K. Kemp
Head of the Department

Dr. Nelson T. Samson
Associate Professor



Dr. Robert D. Baker
Associate Professor



Dr. Richard J. Wallace
Assistant Professor



Leo Effenberg
Part-time Instructor



Mr. Ellis V. Hunt, Jr.
Assistant Professor



Dr. M. Víctor Bilan
Assistant Professor

STAFF



Mrs. Jewell Sheffield
Head Secretary



Mrs. William T. Parmer
Head Librarian

Library Assistants:
Ruth Grounds
Carolyn King

Secretarial Assistant:
June Thompson

"Too early to
study for
the Finals"



S T U D E N T S



"WHY READ A DULL
OLD TEXT BOOK?"



"DON'T SWEAT THE
FINALS... PLAY
CARDS"



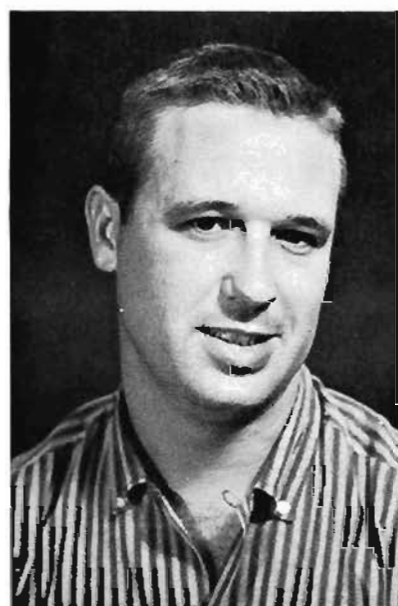
"I DIDN'T HAVE
TIME TO STUDY
FOR THE FINALS!"



DANIEL KUCERA...Ennis, Texas
Sylvans, 1958-61; Newman Club,
1960-61; Texas Friends of Con-
servation Scholarship, 1959-60.



THOMAS J. WOOD...Sioux City,
Iowa
Sylvans, 1958-61; Austinite Social
Club; Students Congress Vice-
President; Lacy Hunt Scholarship;
A. W. Birdwell Scholarship; For-
estry Conclave, 1958-60.



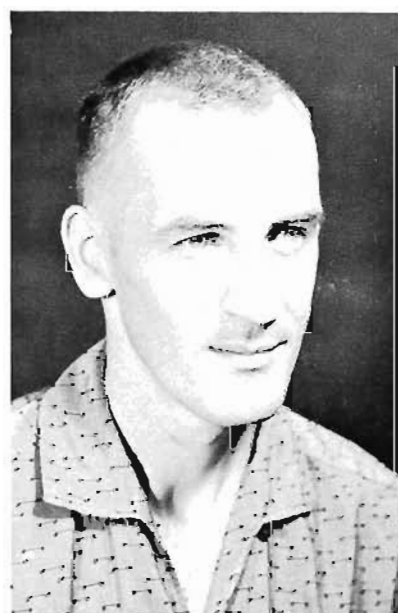
BOBBY G. ROBERSON...Valley
Mills
Sylvans, 1959-61; "Texas Tally"
business manager; Who's Who,
American University and Colleges;
Intramurals.



PAUL SCHLIMPER...Port Arthur, Texas
Sylvans Reporter, 1959-60; Club
Treasurer, 1960-61; Newman Club,
1959-61; Lacy Hunt Scholarship,
1960.



JAMES STEWART...Houston, Texas
Sylvans, 1961; S.F.A. Marksmen
Rifle and Pistol Club, 1960-61



HERBERT JOHNSON...Grand
Rapids, Minn.
Sylvans, 1958-61.
Texas Tally Editor, 1960; Lacy
Hunt Scholarship, 1959 and 1960;
S.F.A. Marksmen Rifle and Pistol
Club, 1960-1961.



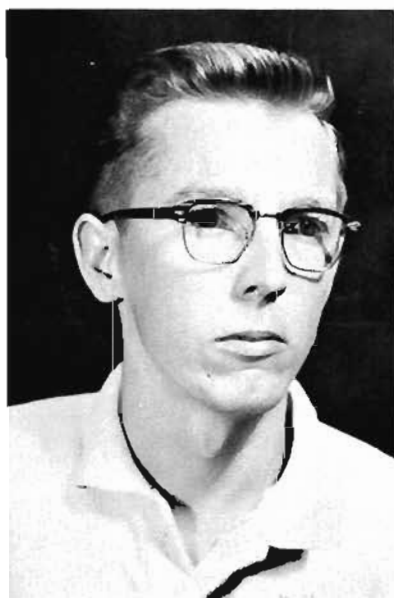
JOE HIGHTOWER...Palestine,
Texas
Texas Collegiate Academy of Sci-
ence, 1957-1958; Sylvans, 1956-
1960; Austinites, 1958-1961.



JAMES R. HILEMAN...Jefferson,
Texas
Sylvans, 1955-1961
Newman Club, 1959-1960



H. L. LANCE...
Sylvans, 1958-1959; Asst. Editor,
Texas Tally, 1959 - 1960; SFA
Marksmen, Vice President, 1960-
1961; Sylvans President, 1960 -
1961.



DAVID LENHART...
Sylvans, 1958-1961
Sylvans Secretary, 1959-1960



BILLY SESSIONS...Wells, Texas



BOBBY SESSIONS...Wells, Texas



L. THURMAN RODGERS...
Temple, Texas



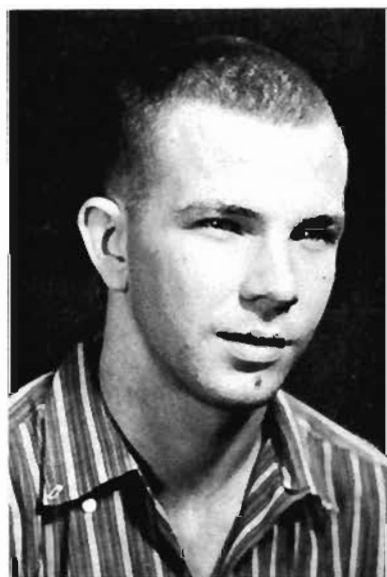
SMITH MULLINS...
Nacogdoches, Texas



PHILLIP H. PATE...
Barnes, Texas



DAVID JEANE...
Galina Park, Texas



HARDY CARLTON...
Jasper, Texas



JIMMY DOSS...
Wadsworth, Texas



JEFF CARROLL...
Weimar, Texas



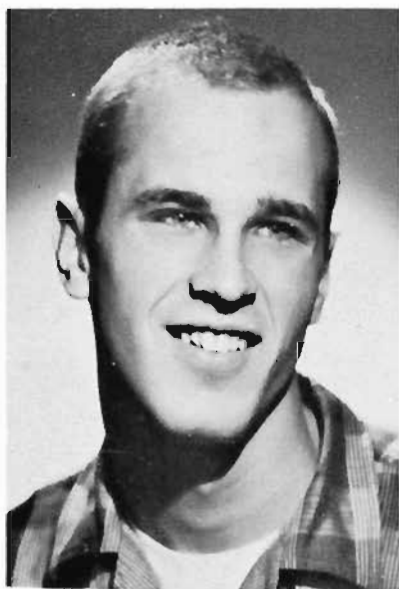
DOMINIC BERAN...
East Bernard, Texas



ALBERT COOK...
Athens, Texas



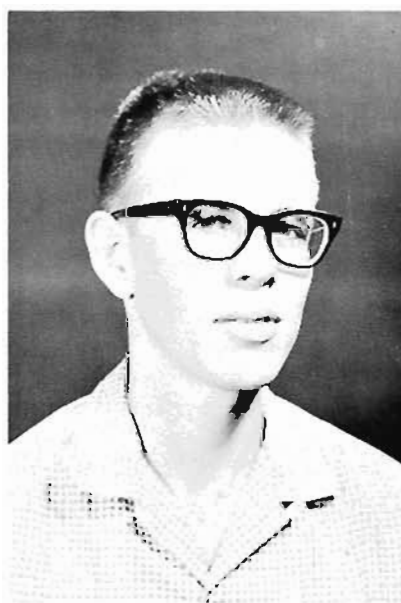
GENE WARDEN...
Fredericksburg, Texas



JOE ZOOK...
Henderson, Texas



L. J. (Lou) Waikart, III...
Reno, Nevada



JAMES WARK...
Lufkin, Texas



ROBERT WAITE...
Port Neches, Texas

NOTE: To the gentlemen (?) whose pictures do not appear this year in this section: "HA-HA, you thought we were joking when we told you to give us a picture if you wanted it in here, didn't you?"



GEORGE ALDERS...
Nacogdoches, Texas



FRED BIRCH...
Baytown, Texas



WILLIAM "BILL" GIBSON
San Antonio, Texas



NOEL KENNEDY...
Livingston, Texas



DOUGLAS SALYER...
Sinton, Texas



BERNARD CHARBA...
Flatonia, Texas



KENNETH VAUGHN...
Nacogdoches, Texas



CHARLES WESTMORELAND...
San Antonio, Texas



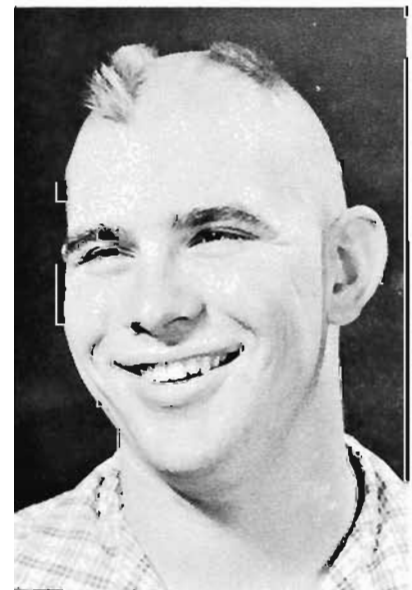
SCOTTY BEASLEY...
Lufkin, Texas



BILL WILLIAMS...
Premont, Texas



JACK GANN...
Lufkin, Texas



NEIL KEMPER...
Groveton, Texas

FOREST RECREATION

by John G. Bryan

From the beginning of time, people have been closely associated with the forests of the earth. The earliest accounts of history state that man has not only acquired his food from the animals of the forests and his home from the trees of the forests, but has also gone to the forests for just plain pleasure and relaxation.

The importance of public recreation in the United States is very evident to us, who belong to the most advanced and complex society the world has ever known. This year, according to several prominent bureaus and travel authorities, Americans are expected to spend 21.2 billion dollars on travels over the nation. Just last year, 1960, tourist expenditures amounted to just under 20.5 billion dollars. According to the Department of Interior, National Parks alone clocked 67 million visitors. This is proof of the importance of forest recreation.

Forest recreation has to do with people going to the forests for enjoyment. Activities in which people engage in forest recreation are many. Some of the more common activities are: camping, fishing, hunting, picnicking, and hiking.

Within the last ten to twenty years, the growing importance of forest recreation has altered the forest management policies of several of the larger private forestry companies as well as the U.S. Forest Service and other federal forestry agencies. The U.S. Forest Service, for example, rates recreation equal in importance to timber production, under the multiple-use system.

Reasons for the great increase in demands on forests for recreational purposes are numerous and have changed with the times. Now, more than ever before, more people have better incomes with more free time to do what they wish. More automobiles are available for going more places and greater distances, which give people the opportunity to leave the metropolitan areas and go to the forests. These are only a few of the many reasons why the popularity of forest recreation has come about in the past ten to twenty years.

What is being done to improve and increase forest recreational facilities for the public? "Operation Outdoors" is one program, for example, sponsored by the federal government to interest the public in outdoor vacations and to let them know of the facilities available to them. Several forestry colleges throughout the United States are offering courses in recreational management. Private industries that own forest land are seeing the great need in supplying the public with recreational areas on their lands. Presently, almost all company lands are open to hunting and fishing at least.

In the future, recreation will become even a bigger part of forestry than it is today.

MILL MASTER MACHINE WORKS

MANUFACTURERS OF
STEEL SAW MILLS
SAW MILL EQUIPMENT

Woodville, Texas

MANUFACTURERS OF
ALL TYPES OF AIR EQUIPMENT
FOR SAWMILL MACHINERY

Phones: DAY, BU 3-2441 — NIGHT, BU 3-2784, BU 3-3136



The purpose of the Sylvans Club is to further and promote fellowship among the Forestry students on the campus. The club increases their knowledge by having programs highlighting speakers well-versed in the many phases of forestry. The officers of the club for this year are: President, Hubert Lance; Vice-President, Al Cook; Secretary, Jerry Moorer; Treasurer, Paul Schlimper; Reporter, Tom Wood; and Sergeant-at-arms, Gus Ayres. Dr. Robert D. Baker and Dr. Nelson T. Samson are sponsors of the club.

SYLVANS CLUB

With the publication of this yearbook, the Sylvans Club will have completed sixteen years of activity as the professional club for forestry students at SFA. This year the Sylvans Club probably had more "firsts" than ever before in history.

This year was the first time that:

Only one senior attended the Southern Forestry Schools' conclave

No tea parties were held

A parliamentarian tried to resign and was overruled for being out of order

The President of the college spoke at the Christmas Dinner-Dance

All who desired to join the club were required to pay an entire semester's dues (\$2.00) in advance

Our conclave team won last place

Over \$500.00 remained in the treasury at year's end

The number of club members failed to increase (probably due to the collection of dues in advance).

Five guest speakers, comprising representatives from both private and government forestry, spoke at club meetings this year and, despite the decline in paid-up members, attendance at these meetings was normal.

Four work projects were completed this year for an income of \$56.00 cash and 1.5 cords of fuelwood. Thanks are hereby rendered to Dr. Bilan who donated the tree that accounted for two of the above mentioned work sessions.

A float (?) was entered in the Homecoming parade this year and as usual first place was not won by our entry. However, a fishing trip was indulged in by all club members and faculty who cared to indulge and a fine time was had by all who attended. The weather was fine (no wind, no bugs, no rain), the fish were biting madly (turtles too) and a good night's sleep was enjoyed by everyone.

H. L. LANCE

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DIAL 4-5712

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KENNEDY'S

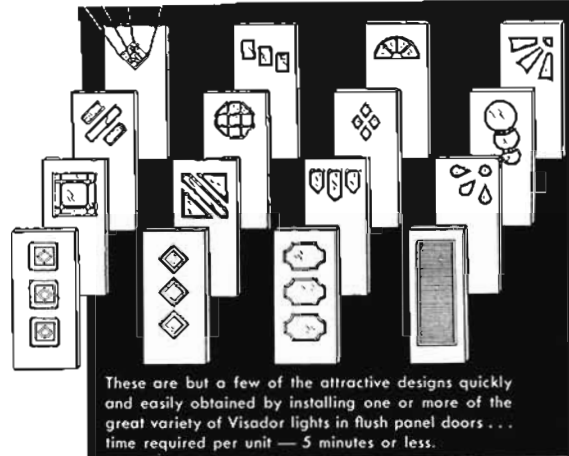
KEEPSAKE JEWELERS

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Manufactured in Jasper, Texas and distributed from Coast to Coast and in Canada, every VISADOR product is a token of the growing industry in Deep East Texas. Oak, Beech, Gum and other Hardwoods are used to make the Lite cut-outs and Louvers in these door designs and many others.

We congratulate all those who are preparing for a career in lumber and forestry. We----and hundreds of other firms--- will be looking to you for the future. We are depending on you.



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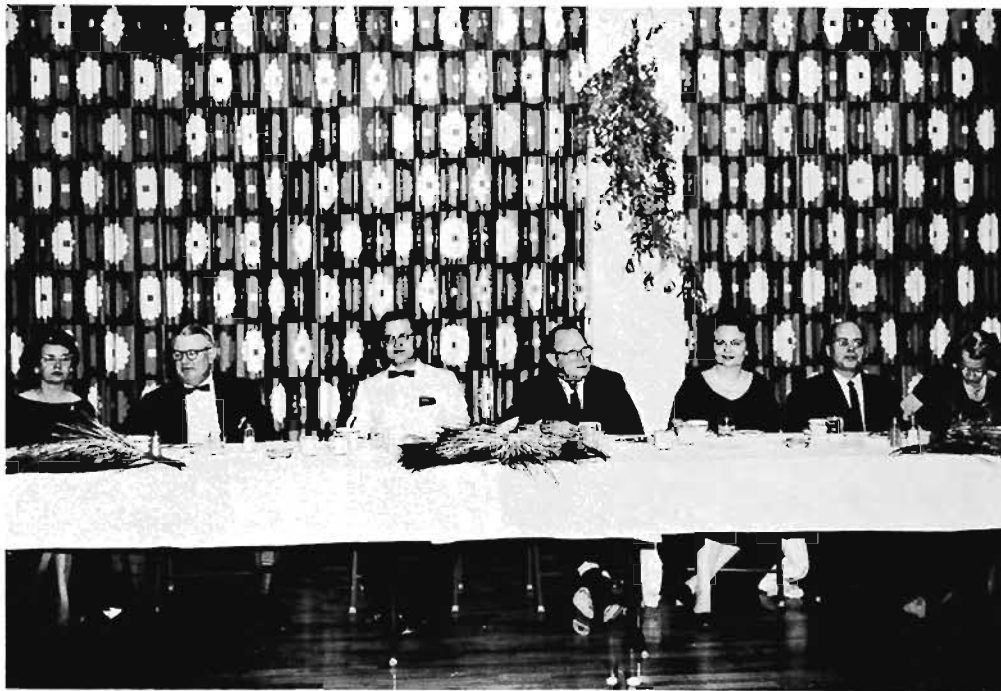
NACOGDOCHES, TEXAS



SIGN OF GOOD TASTE

2119 North St. Nacogdoches, Texas

NACOGDOCHES COCA-COLA BOTTLING CO.



Dignitaries



and chow hounds



at the Christmas Dinner-Dance

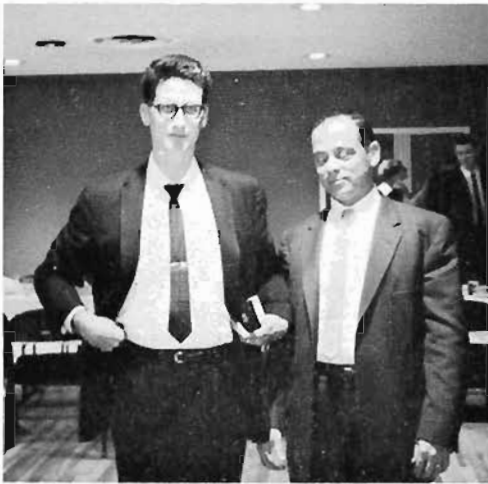
THE CHRISTMAS DINNER-DANCE WAS A SUCCESS:



President Steen addressed us,



so did somebody else;



our heroes were rewarded;



everybody was happy about the scholarships,



except Doctor Samson;



even Mrs. Sheffield enjoyed herself.

A BUSY YEAR FOR THE SYLVANS CLUB

We've had:
a motley array of
good speakers,



a Duchess,



a bar-B-Q,



and even a pin-up.



COMPLIMENTS
OF
THE STONE FORT NATIONAL BANK

NACOGDOCHES, TEXAS



COMPLIMENTS
of
**ANGELINA & NECHES RIVER
RAILROAD COMPANY**

COMPLIMENTS
of
ANGELINA COUNTY LUMBER COMPANY
QUALITY SOUTHERN YELLOW PINE
and
HARDWOOD LUMBER

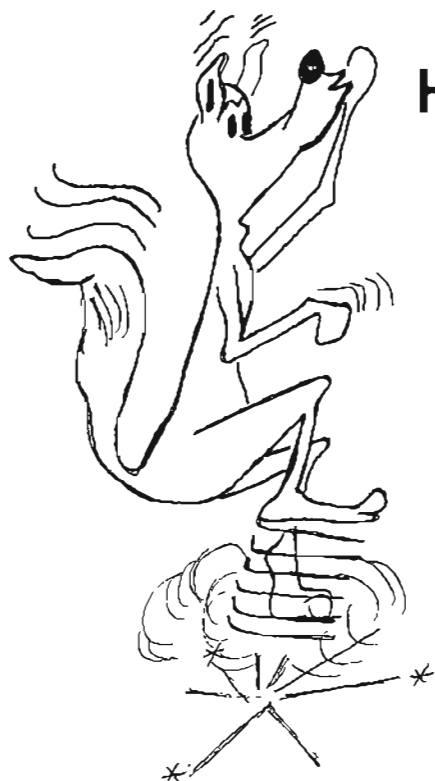
1887 - 1961

Keltys, Texas

COMPLIMENTS
OF
COMMERCIAL NATIONAL BANK

"OVER 59 YEARS OF FAITHFUL SERVICE"

MEMBER OF F. D. I. C.
NACOGDOCHES, TEXAS



HOMECOMING 1960



This year, Miss Linda Pridgen was elected Duchess by the Sylvans Club. Linda, the daughter of Mr. and Mrs. J. A. Pridgen of Grapeland, Texas, is a sophomore Home Economics major. She represented the club in the Homecoming Parade and at the Homecoming Dance. Linda's escort for both the parade and dance was Irven Duggan, a sophomore Forestry major from Crockett.

The club also entered a float with the theme of "Sink the Lobos" in the parade. Due to various and sundry reasons the float didn't place but we enjoyed putting it together.



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MARSHALL, TEXAS

Lufkin FOUNDRY & MACHINE COMPANY

QUALITY  EQUIPMENT

MILL SUPPLIES—PUMPING UNITS—LUFKIN TRAILERS—SAW MILL MACHINERY

LUFKIN, TEXAS

BEST WISHES

OF

THE LUFKIN NEWS

LUFKIN, TEXAS

LUFKIN TYPEWRITER CO.

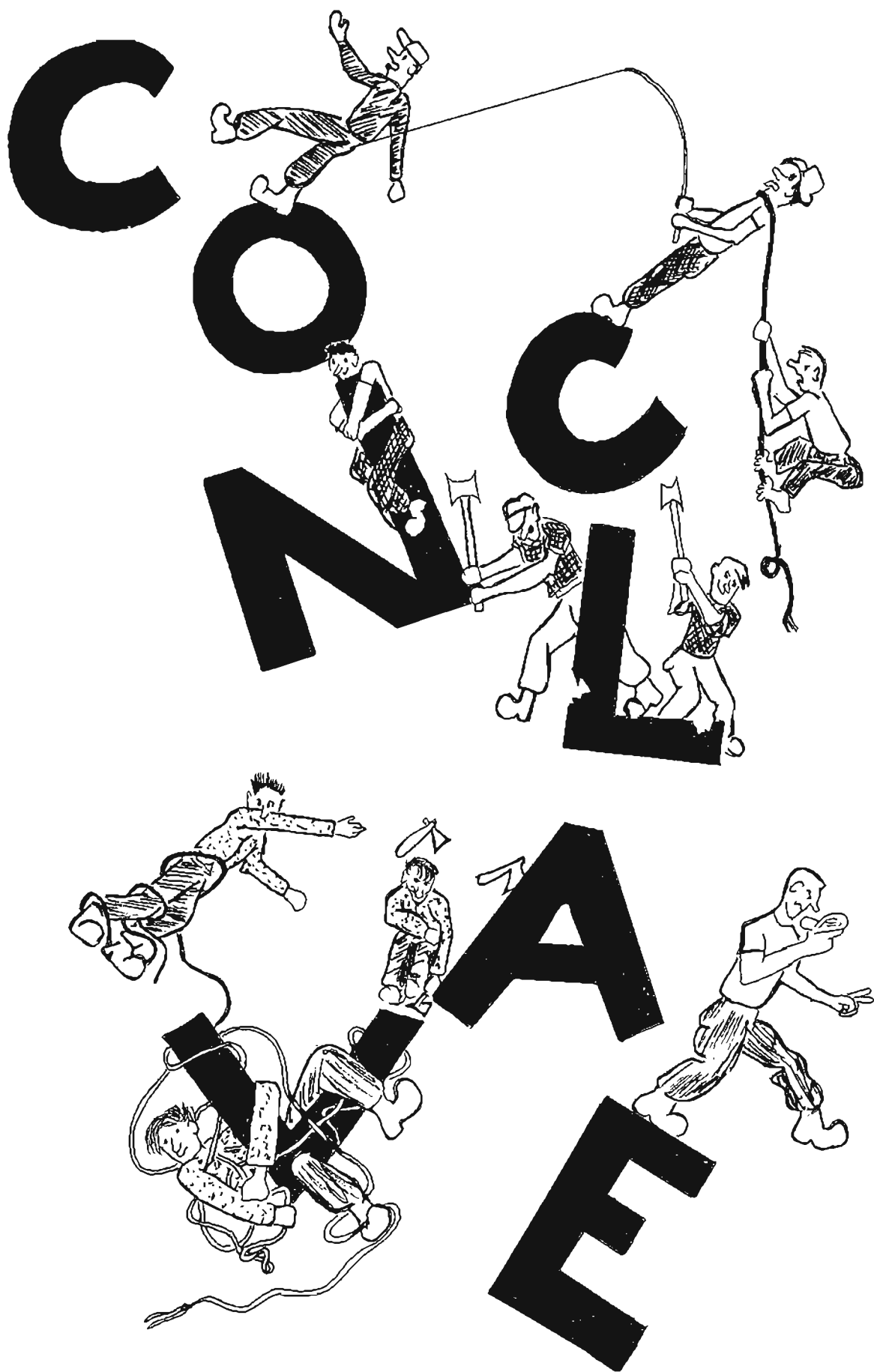
"OVER 31 YEARS OF FAITHFUL SERVICE"

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P. O. BOX 1139

505 1ST STREET

LUFKIN, TEXAS



THIRD ANNUAL SOUTHERN FORESTRY CLUBS' CONCLAVE

At 9 PM, on the 28th of April, 1960, twelve knights left the castle of S.F.A. to do battle of skill and joust with the knights of the castles of Clemson, University of the South, University of Georgia, University of Florida, Arkansas A & M, Oklahoma State University, Mississippi State University, Louisiana State University, and North Carolina State University. The knights of the castle of Auburn University served as hosts and as judges for the tourney.

The three gallant steeds which carried us forward to the frey became widely separated while traveling through Alabama on our way to the battleground at F.D.R. State Park, Georgia. The 12 knights who went to the frey were of the Order of Sylvan. Following are the names of those immortal souls who fought so bravely and lost so gamely and brought home so many "cotton picking" fourth places: Sirs J. Carroll, Al Cook, D. Beran, Jim Doss, Hubert "Bowie" Lance, Tom Wood, "Speedy" Strahan, Hardy Carlton, Joe McMillian, K. Burke, Dan Kucera, and of course myself, Sir Smokey.

We did hold our heads up proudly in some contests though. Sir Strahan left the wood smoking when he won first place in the bow sawing; Sir Lance had a tough time with his blade but finally won a tie in third place for knife throwing; and Sir Hardy won a third in bait casting. The grand finale came when Sir Hardy and myself went into the canoe jousting with banners flying, canoe sitting low in the water. We unsettled Clemson's knights and then those of Mississippi State University, but finally the knights of the University of Georgia unsettled Sir Hardy and left us with a second place win.

After a hard day at the tournament, a banquet was held and the winners of the contests were bestowed with gifts. It was Arkansas A&M that won the most points leaving the knights of the castle of the University of Georgia holding onto a second place and the knights of the castle of North Carolina State University proudly won third place in the tourney. The knights of S.F.A. came in seventh with the University of Florida, Louisiana State University, and Oklahoma State University under our battered thumbs.

After the banquet, the knights of Doyle's Table met and formed, after many hours of argument, the Southern Forestry Club Association. After giving our thanks to the knights of Auburn University, and telling the knights of the University of Florida that we would see them next year, twelve tired and worn knights headed home for our far distant and beloved land of Texas.

"Smokey" Martin



We ran onto the following movie write-up the other day in the Yellowpine Post:

ENTER PURPLE LUPINE — A number-three-common cinema

A slight engaging rascal is in town at the Log Cabin Theater. Purple Lupine, French thief, whose refined taste runs to priceless bandsaw blades, million-dollar hypsometers, and pretty girls, slips thru a gay adventure story in "Enter Purple Lupine." Gary Cooperage appears in the role of the light-fingered cruiser.

Although it is Lupine who steals the increment borer it is J. Carolina Ash who steals the show. For this veteran character actor shows up this time in the person of Arne, member of the SAF—fussy, gallic, acute—Arne has a mind like a card index of all the doubtful fellows he has followed these ten years or more. He has an axe straight from L. L. Bean's and a steel helmet from a long line of fallers.

Arne has followed Lupine for a decade, never perfectly sure of how he works, but absolutely certain of his professional trademark of leaving clear-cut sections. Arne has to be thoroughly humiliated by the smooth Lupine before he succeeds in putting the chokers on him. And then it happens merely because Lupine has trusted a pretty girl too much, and she has reciprocated.

Shirley Turpentine plays the port of Norma, wealthy lumber baron's daughter with the million-dollar bandsaw blades. Katherine Controlburn and Gregory Peckyrrot appear in the roles of her greedy and avaricious relatives whose eyes are fixed covetously on the increment borer. Red Birdwell is cast (I say, hey doc!) as Nelson T., Lupine's cook, friend, and pickpocket assistant.

The story is as artificial as such tales must be: there are the usual successes of the sly rascal, justice is defeated and the Forest Service wins out a proper number of times before free enterprise and sound management win. But it is done with the blythe spirit, not a few smooth lines, and situations make for chuck holes.

SUSPICIONS CONFIRMED





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*available in face, roman & norman sizes
white, pink, grey, buff, brown, red & black*

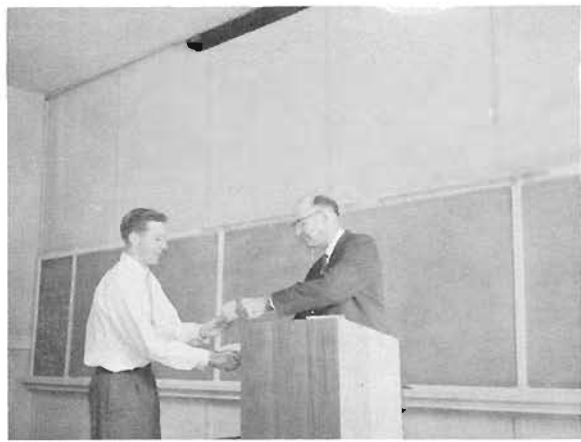
Old Longview Road
P.O. Box 1251 - Phone 3505
Henderson, Texas

COMPLIMENTS

OF

FARMER'S STATE BANK

CENTER, TEXAS



Joe McMillian and
receive Southland Scholarships from Mr. Otis Lock

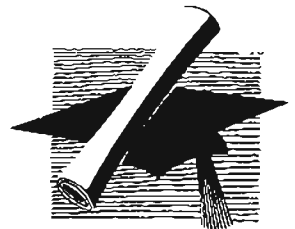


Bobby Sessions

SCHOLARSHIPS

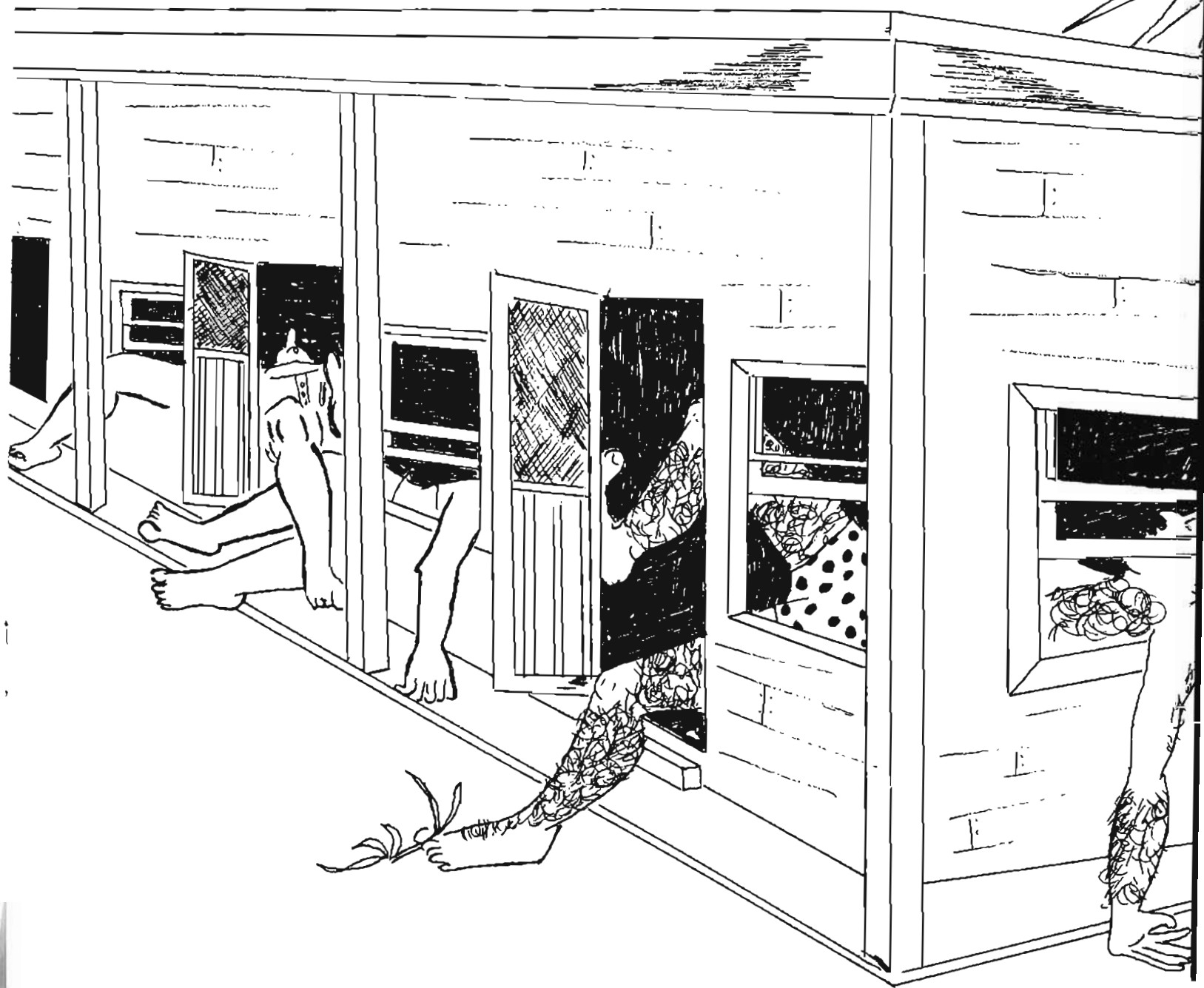


Herb Johnson, Jeff Carroll, and Paul Schlimper receive Lacy Hunt
Schlorships from Mr. Lacy Hunt



David Lenhart receives first and second installments of Texas Friends of Conservation scholarship

SUMMER CAMP '60





It was a glorious day in June when the fourteen energetic forestry students once again joined their conspiring professors for a three-month vacation among the scenic wonders of the Sabine National Forest. It would be a rash statement to say that the students were ready and eager to go but the teachers were, so away we went.

Dr. Samson worked us all day and won our money all night while Dr. Baker voo-dooed the weather. As soon as we were far enough from camp, Dr. Baker would say that it wouldn't dare rain, and immediately we would be soaked to the skin. During the first six weeks, everybody, except Drs. Samson and Baker, became very quick witted because of Thurman Rogers. He always carried his machete in his right hand and his right arm seemed to have spasmodic fits. At the end of this period we had suffered two casualties and this left us with twelve to face the next semester.

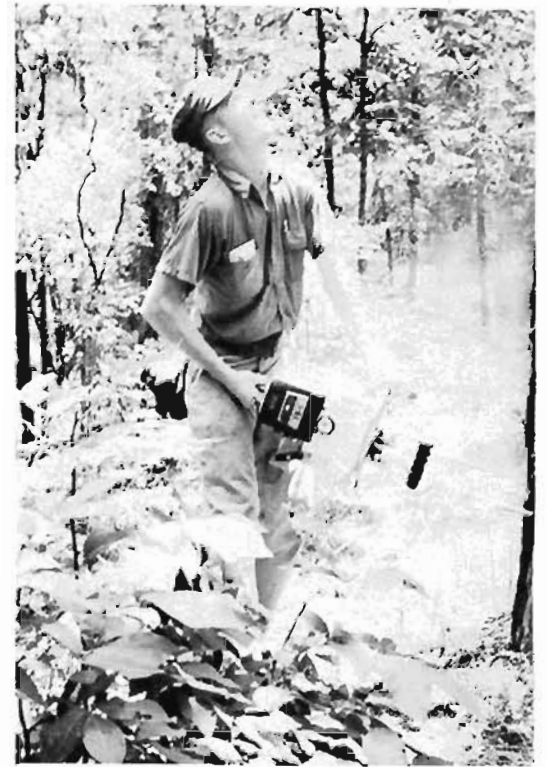
We were just about used to the grind of Dr. Samson and Dr. Baker when the department changed millstones and sent out Mr. Hunt. Logging and Sawmilling was a very hot, interesting, and educational course. Mr. Hunt learned that Pate didn't like to work overtime, and Pate learned that the department liked to keep the equipment in one piece. Gesin learned how to start out with a one-inch cut and come out in the middle of the log. We were all rareing to fell and buck trees with the saws until we were finished with our first tree. David Jeane could never come to an agreement with the trees. He would cut them to fall one way and they would fall the opposite. He finally outsmarted them by trying to fell them opposite from the way they should so that they landed where they should have in the first place.

After Mr. Hunt finished his chance at us, Dr. Wallace came out to visit. To his surprise he found, during our timber marking exercise, that most of us were in favor of clearcutting, burning, and replanting. Some of us were marked to be cut, especially Gus and Jeff. Dr. Wallace wouldn't take us to Monroe, we don't know why because we were all eager.

The department saved the finishing touches for Dr. Kemp. For the first two weeks very liberal hours were kept, from 6 AM to 2 AM. The remainder of the time was given to us to do with what we wished. Everybody agreed, we slept. Considering all things, we enjoyed the summer's experiences very much and gained a better understanding and respect for our chosen profession.

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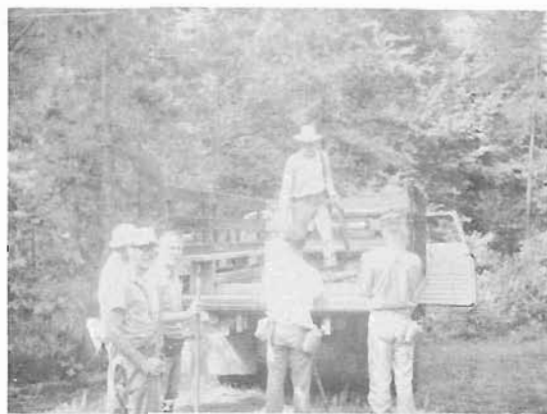
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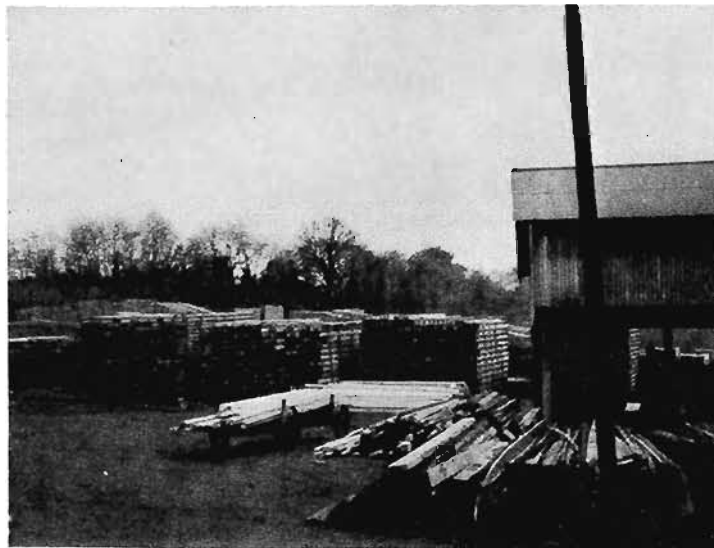
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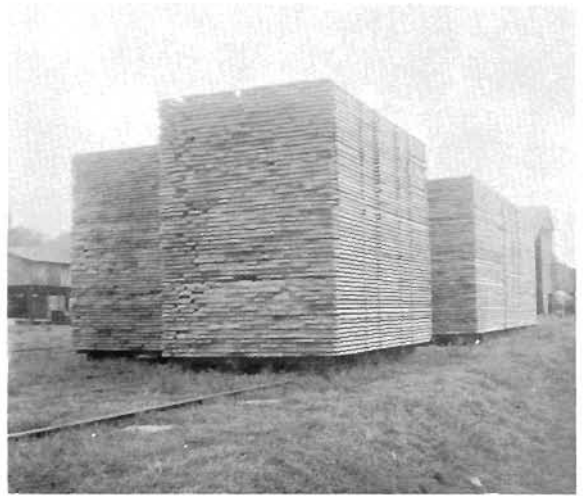
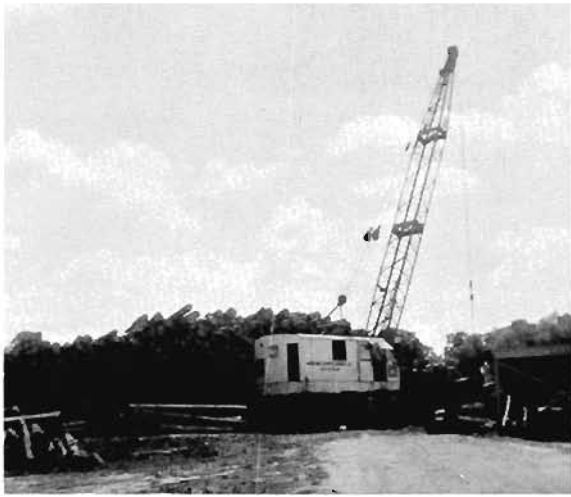
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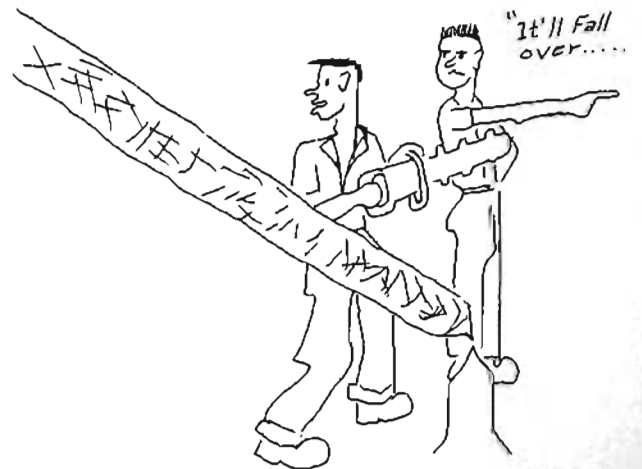
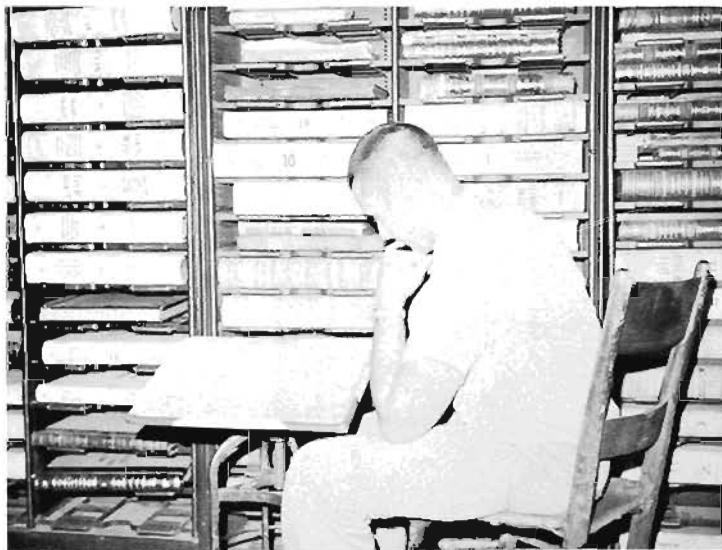
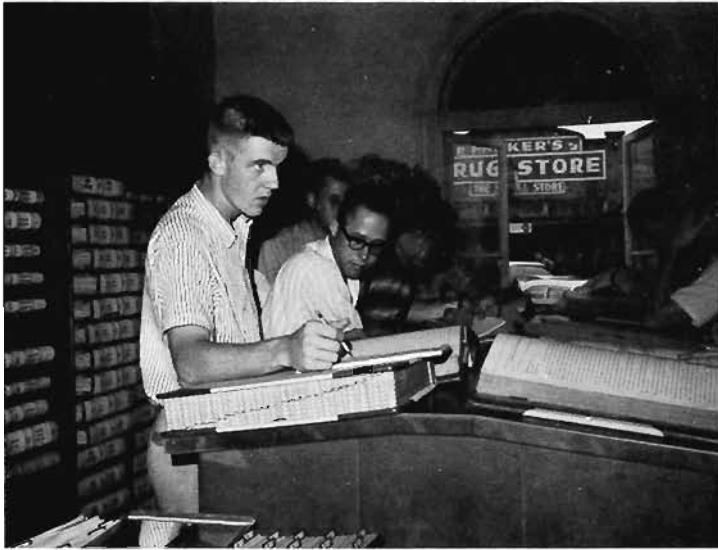
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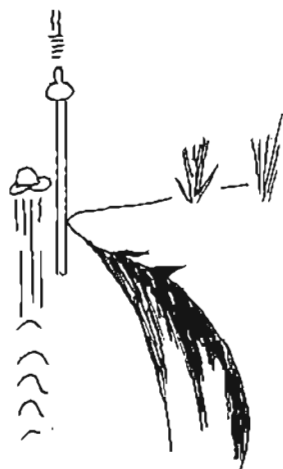
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TIMBER STAND IMPROVEMENT IN THE SIERRA NATIONAL FOREST

Tom Wood

One of the integral parts of the management of the Sierra National Forest is its "Timber Stand Improvement Program." That program is separated into three divisions: Pruning, Releasing, and Thinning.

Pruning

A high percent of the allocated T.S.I. funds, in the Sierra, are spent on pruning. This shows that it is an operation of considerable scope. The pruning operation itself consists of the removal of branches up to 20 feet in height, on trees with a diameter of 12 inches or larger. Removal of the branches is accomplished by a one-man operation that requires a 20 foot aluminum pole saw. The crew-man saws each branch off flush with the bark or slightly at an angle into the bark of the tree, depending on the species. Ponderosa pine, a relatively thick barked species, has the angle cut whereas the other species that is pruned, red fir, is cut flush with the bark. Each crew-man, after a short indoctrination period should be able to prune an average of 20 trees per day.

The end result of pruning is a quality tree that will produce clear wood until it is harvested.

Releasing

Releasing is usually done by two-man crews working in conjunction with the pruning men. (This operation involves the use of an axe and it is recommended that only qualified men do release work.) Each crew works along parallel lines approximately two chains apart. Releasing consists of two parts:

1. Girdling of undesirable hardwood trees.
2. Removal of undesirable species in favor of pine and fir.

An experienced man should be able to release about 150 seedlings and saplings per day.

The end result of releasing is a desired species that has been given the chance to grow into a quality tree.

Thinning

Thinning is similar to release work in the fact that the end result is that the desirable species have been given the chance to grow into quality trees. Thinning is done in dense stagnated stands and it favors pine and fir over undesirable species. The operation consists of 3 to 4 men, one operating a rotating gas-driven brush saw. The other crew men pull away the cut stems and pile them as a fire precaution. The saw operator uses his own judgment on which trees to leave unless they have been pre-marked. The general practice is to use a diameter



plus 4 combination. If the stems are 3 inches in diameter, the sawman would try to space the stems approximately 7 feet apart, leaving the larger and vigorous trees.

Conclusion

Pruning, releasing, and thinning each moves toward desired high quality timber. These phases of timber stand improvement are all long term planning, and the results of which will not be available until the next rotation.

TIMBER STAND IMPROVEMENT

Jerry Hustead

An extensive tree pruning operation is undertaken each summer in the Kaibab National Forest. The pruning is done by college students, most of whom are forestry majors.

June first of each year, college students from wide spread points of the United States converge on Fredonia, Arizona for summer employment. Fredonia is headquarters for one of the largest timber stand improvement operations on the North American Continent.

The area to be pruned is laid out by logging crews. First, the loggers remove the merchantable timber from the area. Upon cessation of logging operations, timber stand improvement crews move in. The foreman of the T.S.I. crew tells his men the size of the trees that are to be pruned; he also gives them various other particulars in regard to their work.

Each crew member is issued two pole saws. One saw is twelve feet long and the other varies in length from six to eight feet.

The short saw is for close operations. It is used for pruning the lower limbs of larger trees and for complete pruning of small trees.

The long saw is used for pruning higher limbs. With it, the pruner must prune the tree to a height of 18 feet. Eighteen feet is the regulation height rather than sixteen, in order to allow for trimming when the tree is felled.

Pruning of trees is a method of hastening nature's much slower process of natural pruning. It allows the tree more time to add knot-free wood. Once the pruning wounds are healed, the lumber will be clear from the branch stub to the periphery of the log. Clear lumber greatly increases the value of the tree.



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DR. FRANCOIS MERGEN VISITS SFA

Dr. Francois Mergen, outstanding geneticist of Yale University, visited Stephen F. Austin and spoke on forest genetics and tree improvement to the forestry class and interested East Texas foresters. Dr. Mergen is an associate professor and executive assistant of the Yale Forestry Research Center. He is, also, under contract with the Food and Agriculture Organization of the United Nations. Dr. Mergen has also conducted experiments at the Southeastern Forest Experiment Station in Lake City, Florida, on forest genetics and tree improvement. The visiting professor program that he is on was arranged by the Society of American Foresters and its purpose is to strengthen undergraduate and graduate forestry work, to provide the teaching staff and students with an opportunity for a look at forest genetics, and to aid in motivation of able college students toward careers in the field of forestry.

On February 20 and 21 Dr. Mergen gave lectures on forest genetics and forest improvement. In his lectures he told of some of his work in the field of forest genetics and some of the results that he had obtained through careful crossing of different species. One of the things he emphasized was careful planning; for he said much work, money, and time could be saved through careful planning. Another thing that he stressed was studying the parent trees of any seed you might be planning to use. A tree will always retain some of the characteristics of its parents, therefore, much can be learned by observing the parent trees in respect to what kind of trees you can expect. Dr. Mergen stated very clearly that forest genetics could not find the answer to all of the forester's problems, but by using superior quality seedlings you can expect, for the most part, to get superior quality trees. One of the main goals of a forest geneticist is to produce trees that are more resistant to diseases and insects, are faster growers, and produce good quality lumber.

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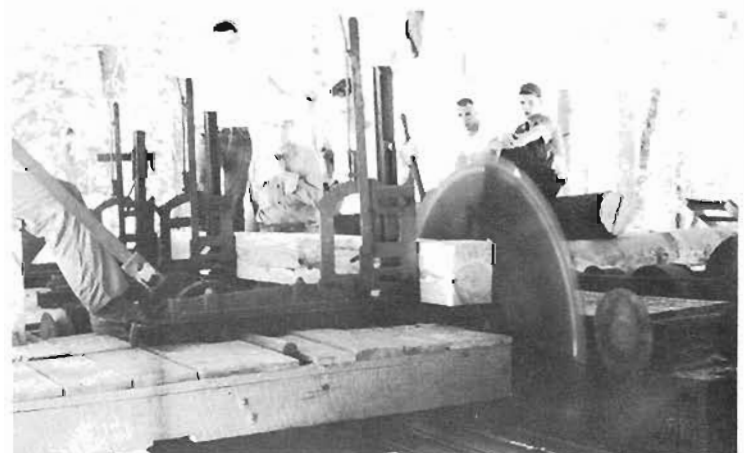
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A Combine operator and his helper can cut 16 cords of pulpwood in an eight-hour day, four times the output of two men working with chain saws. Here is another example of progress in forestry through technology.



INTERNATIONAL PAPER

STEPHEN F. AUSTIN FORESTRY ALUMNI ASSOCIATION

Marvin Davenport

Conception of the S.F.A. Forestry Alumni Association began in 1953 with a conversation between three S.F.A. forestry graduates who met in Woodville, Texas. At that time, there were some seventy-six forestry graduates and these men were invited to meet at the college on the morning of Homecoming 1953 to discuss the problems confronting the Forestry Department and attempt to reach agreement on some unified action to be taken by the alumni for the betterment of the department. The group voted to form an Alumni Association, a by-laws committee was named and the S.F.A. Forestry Alumni Association was legally formed some two months later.

Formation of the association at this time was particularly appropriate. The forestry department had been on the decline for some time; enrollment had dropped to something less than twenty students, morale was low and to say the least, the outlook for the department was not good. Of course, the association's first concern was to halt the decline, boost morale and revive interest in the Forestry Department as such. It might be noted that at the lowest ebb, the department consisted of two staff members and some fifteen students.

The efforts of the association began to bear fruit in 1954 after two members of the association went before the Board of Regents and presented to them the problems confronting the department. From that time conditions began to improve. Additional funds were made available and the department was given additional space. Morale of students and graduates alike took an upturn.

Association members worked on the problem of increasing enrollment by personal contact with interested high school seniors through Future Farmer's of America Clubs, etc. Enrollment did increase the first year and continued to increase during the ensuing years and not until recently has enrollment suffered a slight decline.

The association has contributed materially, not only to the improvement and expansion of the forestry department, but to the college as well through donations to scholarship funds, local school clubs and recruiting of new students.

The Alumni Association's ultimate goal is accreditation of the forestry department, and this goal is drawing ever nearer. The department now has six full time staff members, one part-time member, stenographic and clerical help, and a current enrollment of eighty to one hundred students. The association can rightfully claim partial credit for this accomplishment.

The number of alumni has increased from seventy-six in 1953 to more than one hundred forty in 1960. The association plans to increase the frequency of meetings and expand its activities to include an annual outing for the membership and to place an exhibit in the Forestry Exposition at Livingston. Currently the association is actively seeking support for the passage of the Department of Forestry Research appropriation which is pending in this legislative session.

The record of past accomplishment of the S.F.A. Forestry Alumni Association is worthy of praise and through continued cooperation of the association membership the ultimate goal can be reached.

As of Homecoming 1960, the alumni of the S.F.A. Forestry Department were distributed as follows:

Employment by States

Alabama	1	Missouri (Service)	1	Unknown	10
Arizona	3	Montana	1	Deceased	1
Arkansas	9	New York (Service)	1		
California	3	Oklahoma	1		
Georgia	3	Oregon	7		
Kentucky (Service)	1	South Carolina	1		
Louisiana	9	Tennessee	1		
Maryland (Service)	1	Texas	81		
Michigan	1	Utah	1		
Mississippi	1	Ontario, Canada	1		

Employment Status:

Dominion Forest Service	1	Bowaters	1	Teaching	4
U.S. Forest Service	17	Am. Boxboard Co.	1	Railroads	1
Texas Forest Service	2	Eden-Birch	1	Oil Companies	3

International Paper	13	Crossett	1	Rubber Companies	1
Champion Paper	6	Century Step Co.	1	ASC	1
Southwestern S.&D. Co.	6	Union Bag-Camp Paper	1	Radio	1
Southland Paper	7	Gair Woodlands	1	Misc.-Sales	4
SPIB	4	Crowell Lumber Ind.	1	Seminary	1
SW Laboratories	4	W. T. Carter	1	Deceased	1
Dierks	2	Texas Baptist Foundation	1	Armed Forces	4
Lutcher-Moore	3	Bureau of Land Mgt.	1	Employment Unknown	25
Southern Pine	7	Self Employed (Consulting)	5		
Kirby	2	Other Self Employed	3		

Total Number of Graduates - 139

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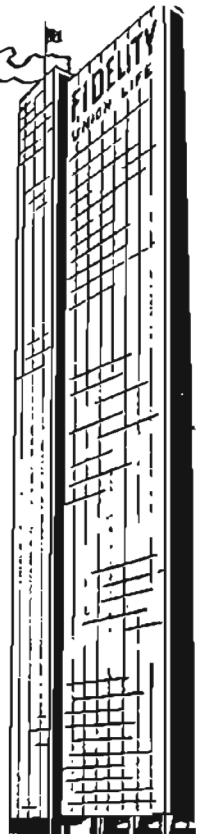
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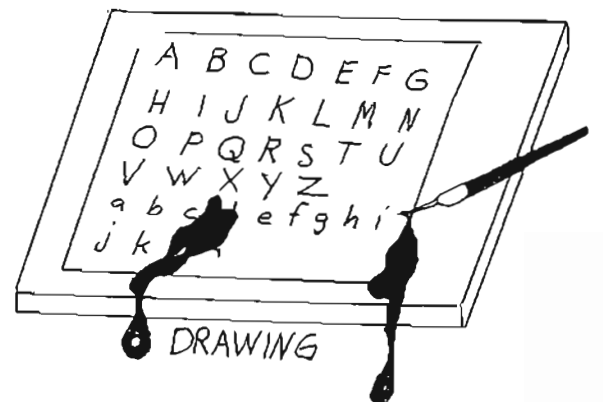
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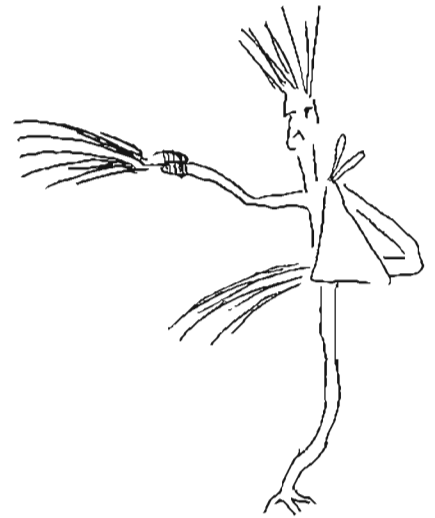
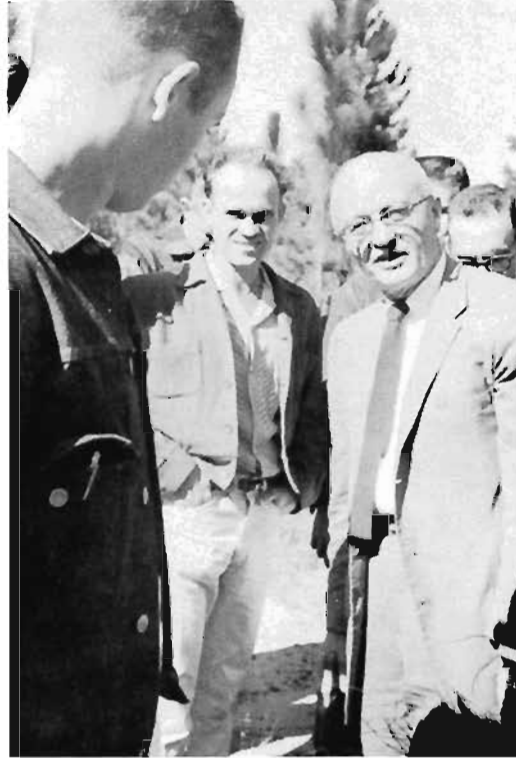
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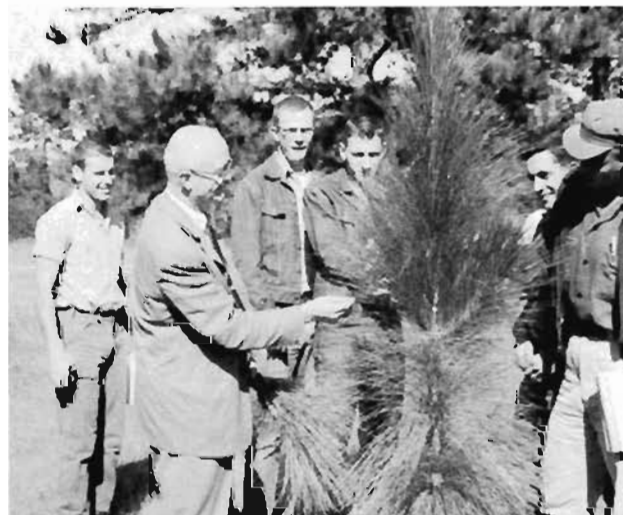
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FOREST PATHOLOGY



Dr. Smith's Pathology class got off to a start like a car on a cold morning but we were soon underway investigating the private sex life of a fungus. Like true hypochondriacs we were soon convinced that we were infected by an assortment of various cankers, blights, rots, galls, and shot holes. By the end of the semester, however, the symptoms proved that all we had was an epidemic of RORA. Thanks to Dr. Smith we have a good background in the subject and I hear that several students have already prescribed Bordeaux Solution for some of our ailing tree friends.



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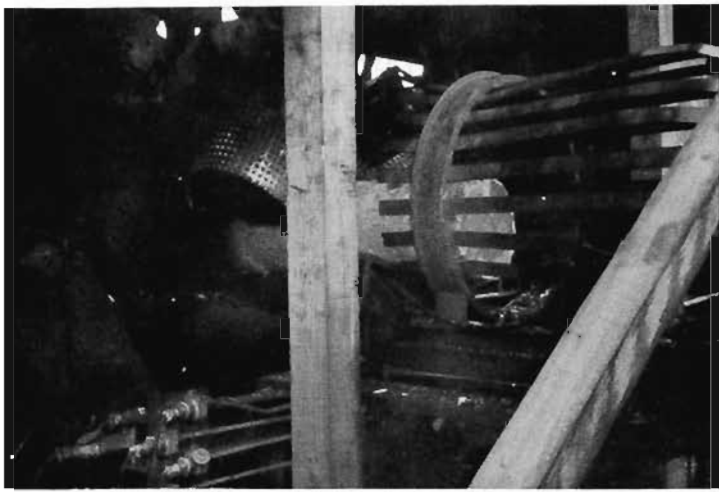
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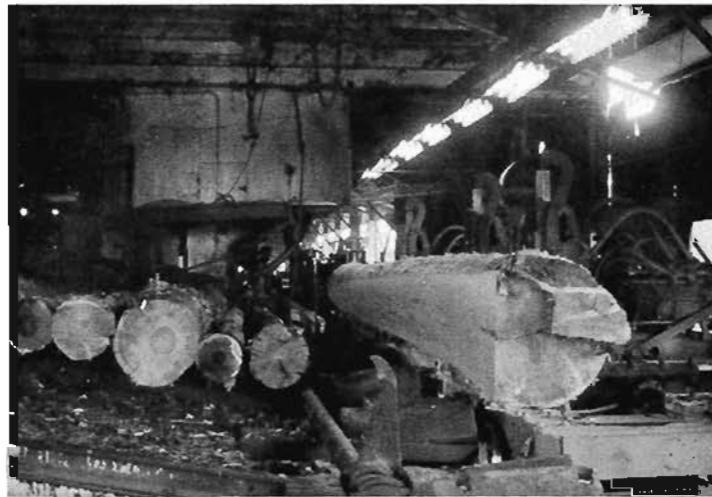
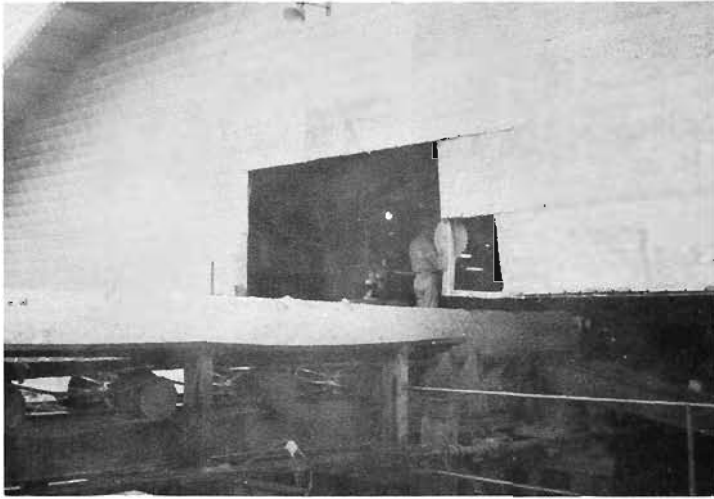
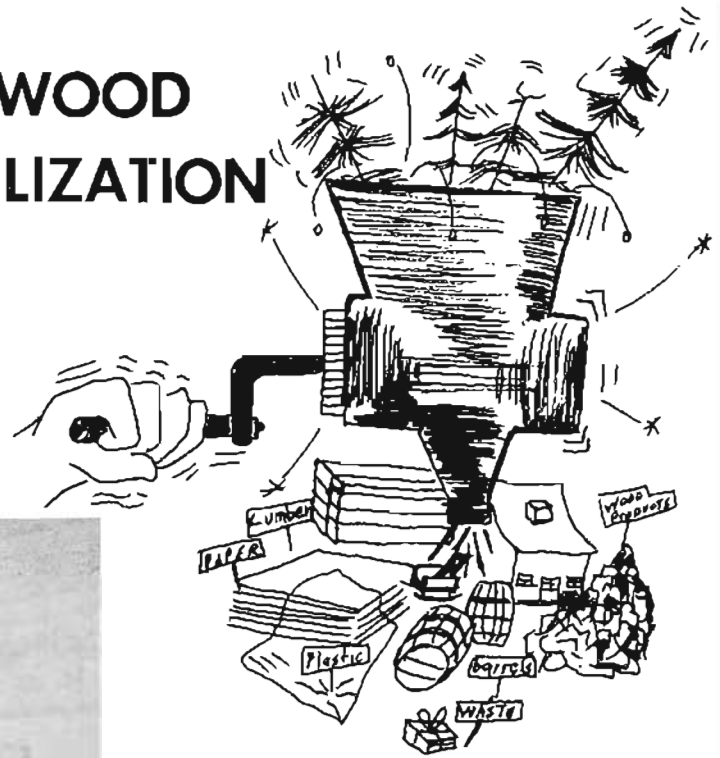
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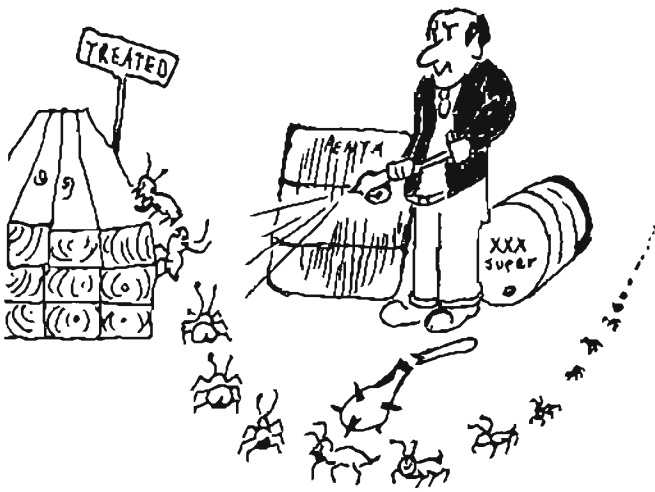
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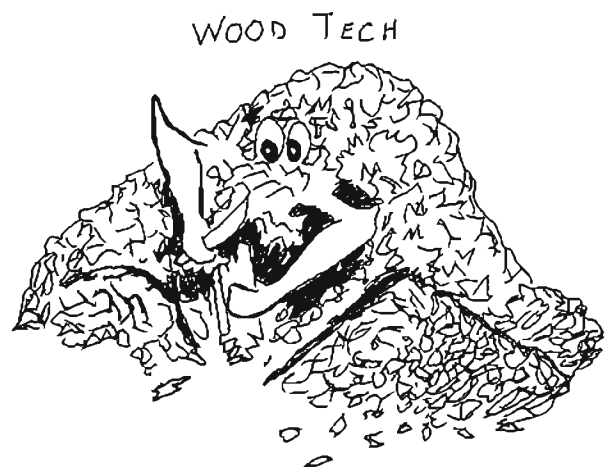
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ALTO, TEXAS

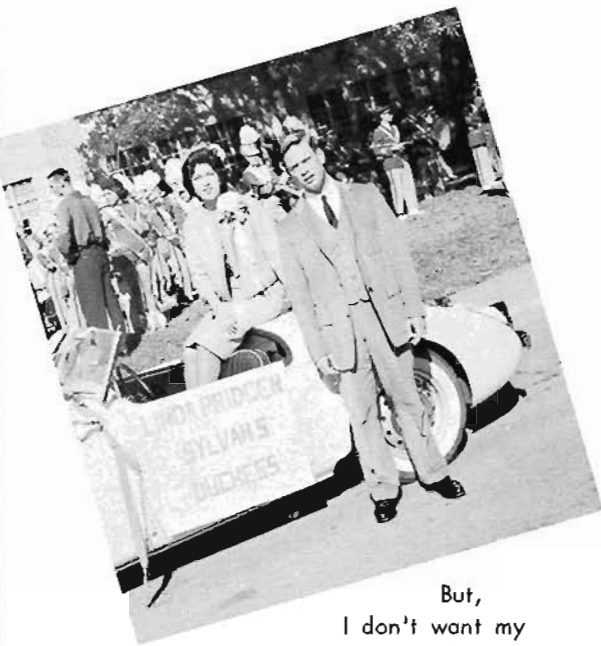
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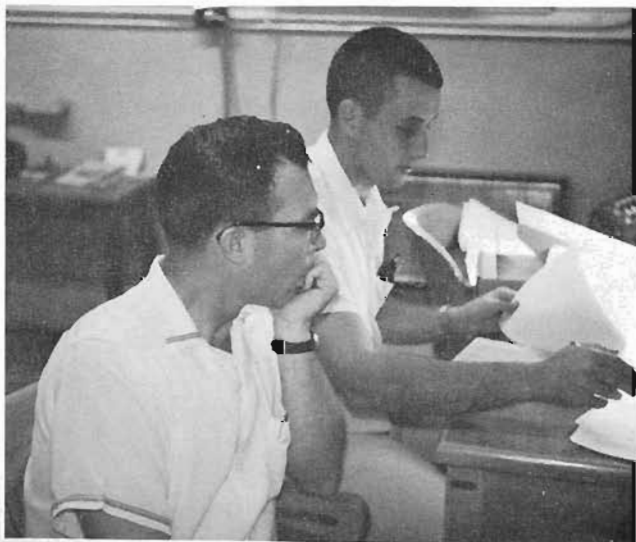
Jacksonville, Texas



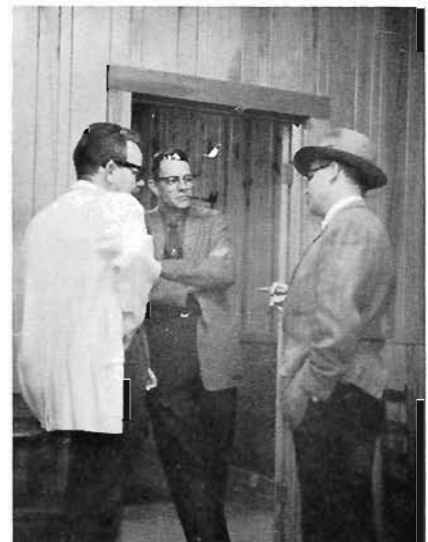
But,
I don't want my
picture taken.



Hee - Hee!
Another F ?

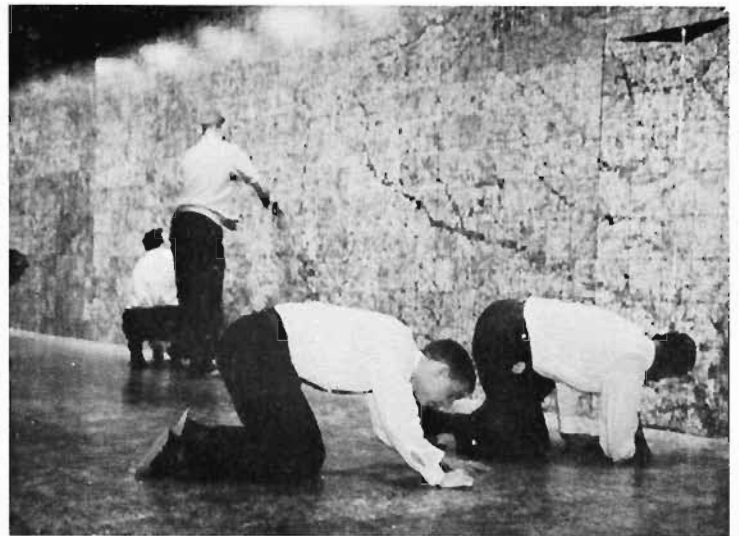


I don't believe it.



So, the other farmer said -

PHOTOGRAMMETRY



Dr. Baker's Sore-eye Institute always reminded one of a lost and found office with everything lost and everybody looking. In a visit to Tobin Aerial Surveys in San Antonio the class found someone with more maps to worry about than they had and so felt reasonably lucky. The trip was a success and there are hopes that it will be included in years to come.



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