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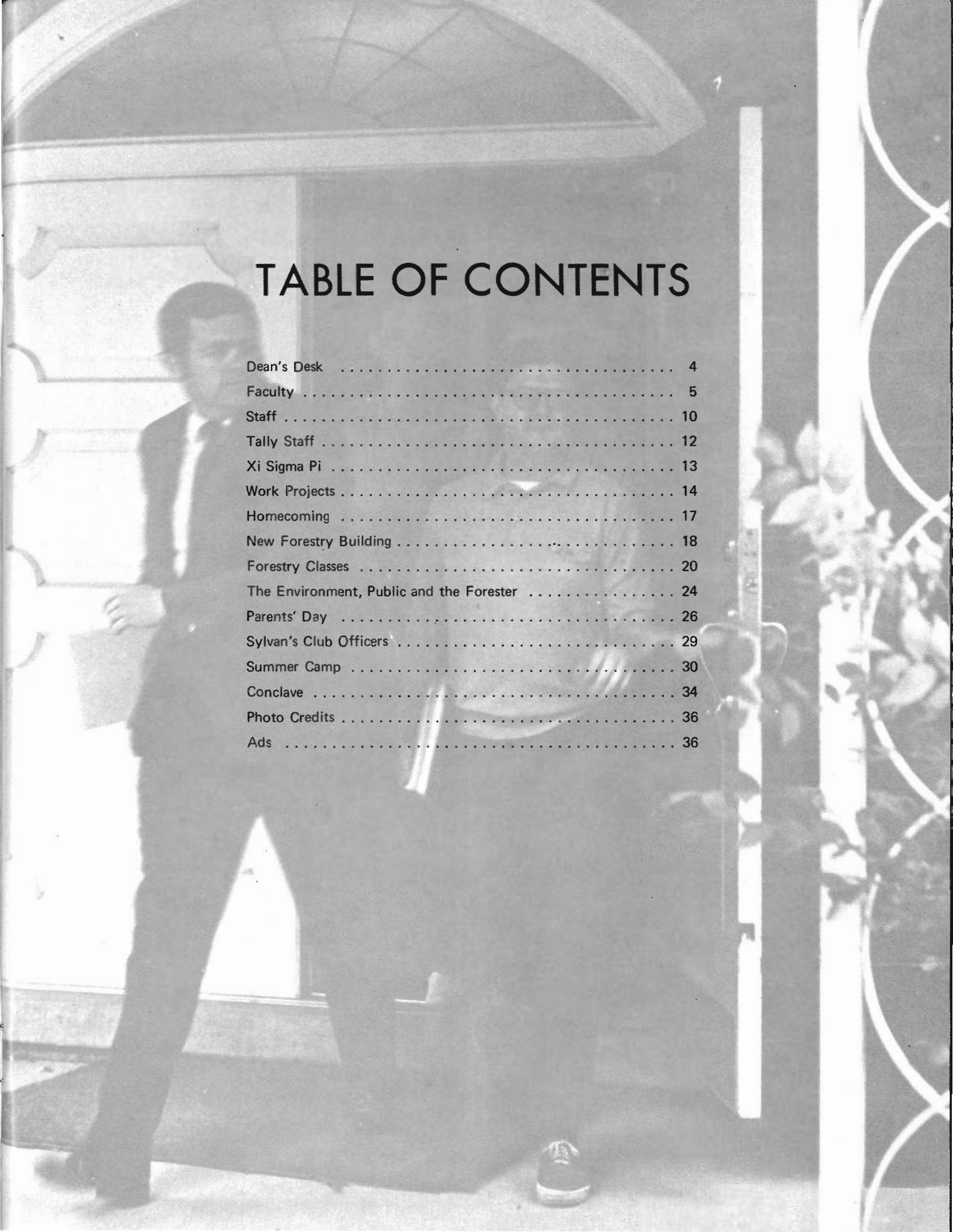


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FROM THE DEAN'S DESK FOR TEXAS TALLY

A theme we've espoused this year is *iconaea*. That's the Greek from which our English word *economics* derives. It's also the word which the King James Bible translator called *stewardship*. Hence the steward, as the manager of the estate (or literally the household), is the economist. He is responsible for the wise use of the resources at his disposal.

Closely akin to the *icon* of *iconaea* is *icos*. From this root, our English ecology derives.

Stewardship and ecology have long been companion words in a woodsman's lexicon: one cannot wisely manage resources without understanding the interrelationships of living organisms to each other and to their environment. Nor can one be an ecologist—a student of these relationships—and at the same time a member of the human race without a concern for wise manipulation of environmental components: air, water, soil, forage, fiber, wildlife, and scenery. Manipulation of those components—as individual entities and as integrated factors—is going to require expertise, especially so as the availability of natural resources to supply the rapidly increasing population throughout the world dwindles.

The dwindle is expected to be quite apparent by the end of the seventies. To prepare for it, new courses in environmental

management and resource planning will be offered. Foresters will be the prime human resource for decision-making for resource use and environmental control. But foresters, too, will be prime suspects if resources are not used wisely in the opinion of the lay, or non-professional, public. Sound instruction in these fundamentals should enable sound practices.

Other new efforts to accommodate the pressures of the seventies will include forest engineering—techniques for efficient removal of raw material from forest to factory—and wood science, the latter developing, from basic studies, improved methods for manufacturing wood products. Invention of new uses for this renewable natural resource will be exciting.

Those of my readers who now begin their professional careers must be qualified to lead the nation, and perhaps the world, as "managers of the estate" before the decade is out. The faculty of forestry and the staff join me in expressing our confidence that you can. Four billion people will be depending upon you.

Laurence C. Walker
Dean

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Dr. Verrall (Pathology)

Dr. Wilford (Entomology)



Dr. McGrath (Forest Protection)



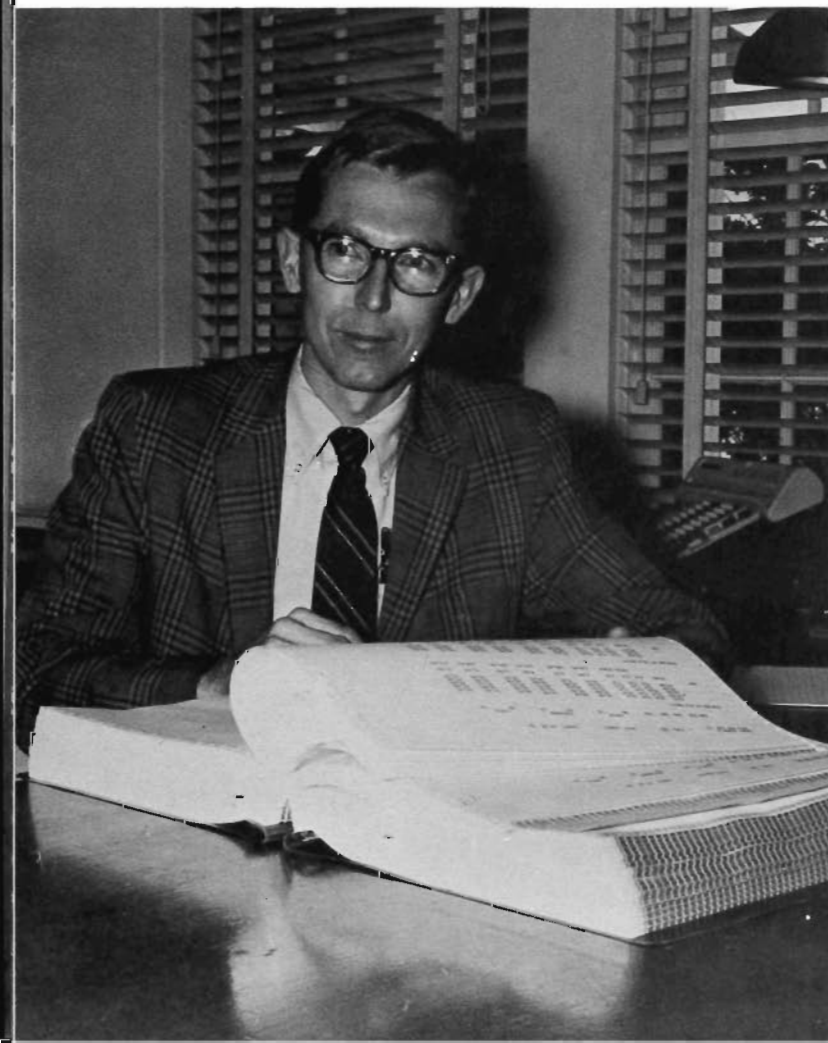


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& Utilization)



Mr. Yee (Surveying) – Sylvans Faculty Advisor, Fall 1969

Dr. Lenhart (Forest Management & Biometrics)



Dr. Singer (Watershed Management)



Dr. Walker (Regional Silviculture)



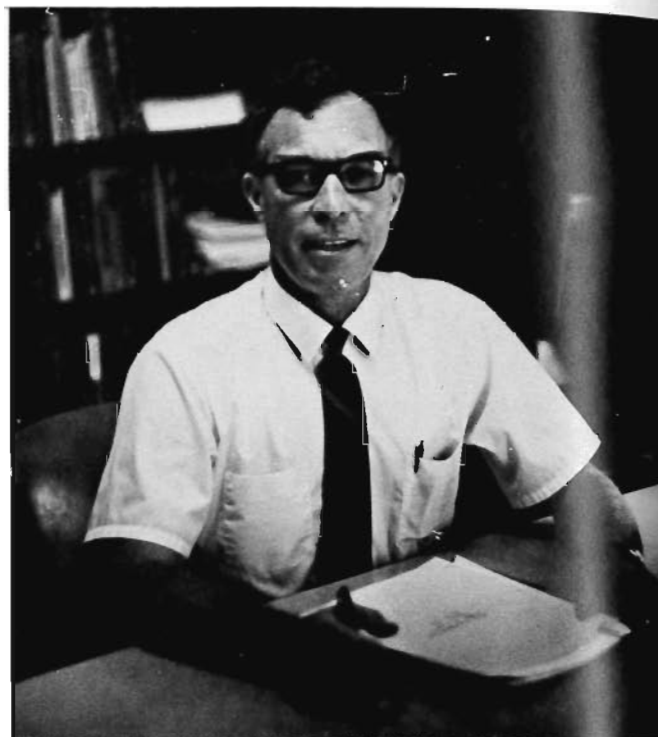
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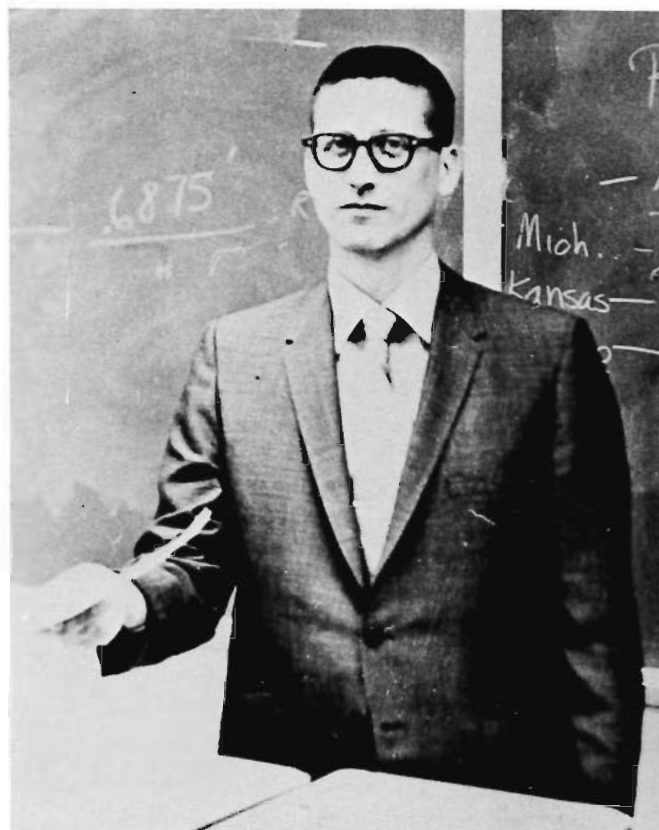
Mr. Hunt (Mensuration)

Dr. Wiant (Dendrology) — Sylvans Faculty Advisor, Spring 1970





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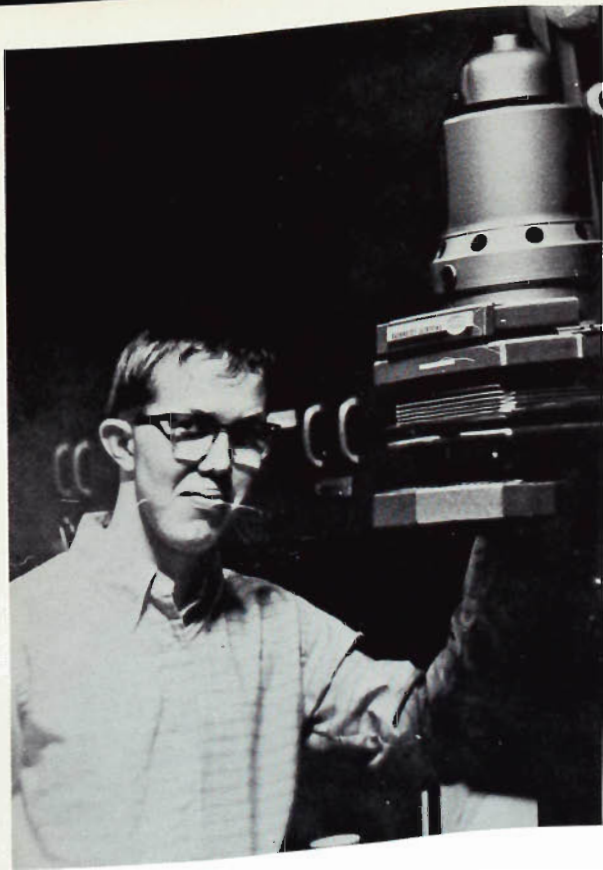


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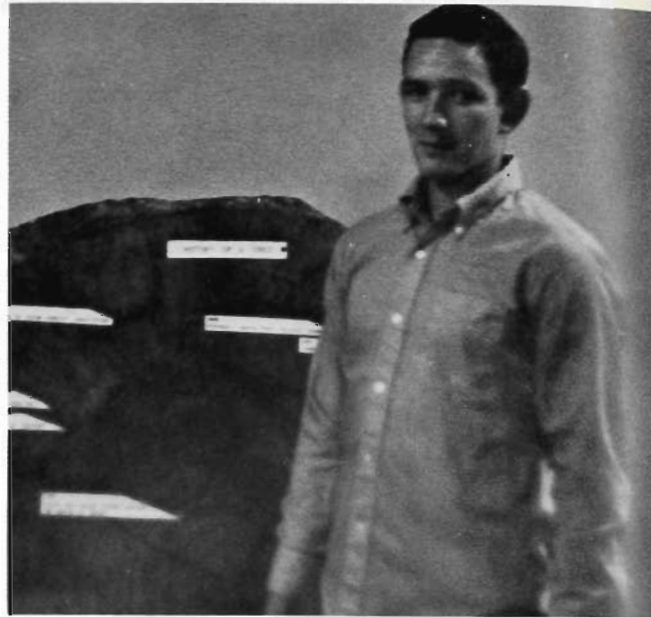
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Mrs. Eileen Fincher (Forestry Hall Secretary)



Bill Sandeen — Editor



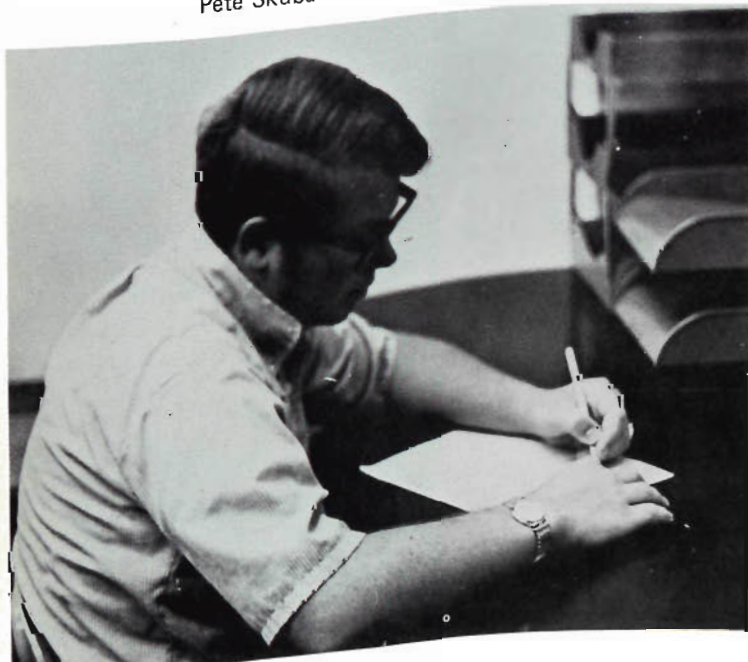
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TEXAS TALLY STAFF

Pete Skuba — Business Manager



Sylvia Albrecht





Xi
Sigma
Pi

Left to right: Wayne Russell, Bill Miller, Billy Jack Terry, Joe Waller, Chad Hendry, Ronnie Fisher, Randy Reed, Bill Briggs, Jim Thompson, Jeff Wallace, Dr. Wiant.

NATIONAL FORESTRY HONOR FRATERNITY



Top Row: Bob Hasness, John E. Becker, Richard Ditmarr, Walter Farmer, Roger Dailey, Tim Wallace, Eugene Senene, Ralph Weiss, Bill Sandeen.

Bottom Row: Clyde C. Cremer, Dean Metteaver, Mike Fountain, Joe Parr, Ronnie Philpot, John Norris.

WORK PROJECTS



"It points down. Does that mean there's water here?"



Four years just to do this?



"Behrens, are you sure this is where you buried it?"



"Let's build a tree house."



"Well, that's one prescribed burn that went a little too far!"

With that saw we just have to hope it'll rub through.



"Hurry up guys, or we'll miss Mighty Mouse."



Sylvans Duchess



Debbie Samson



HOMECOMING







Before

THE NEW FORESTRY BUILDING

After





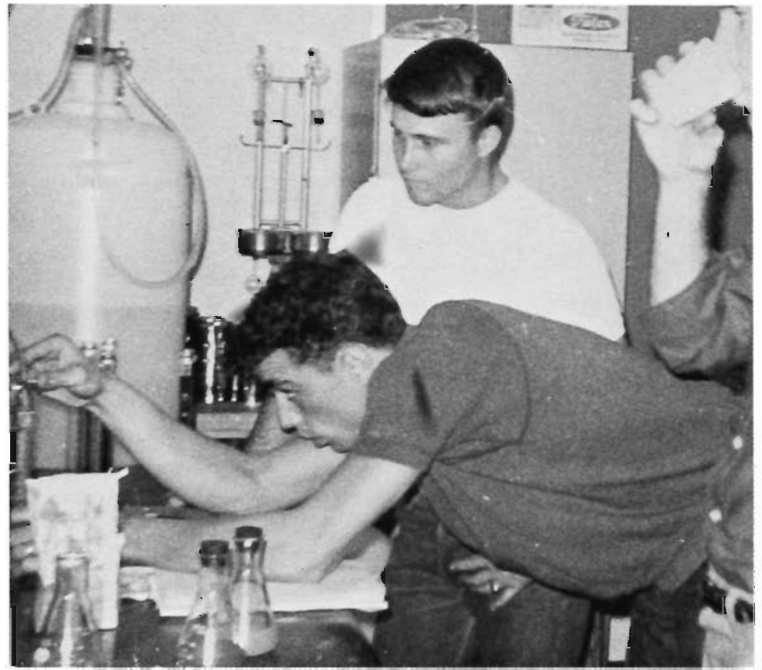
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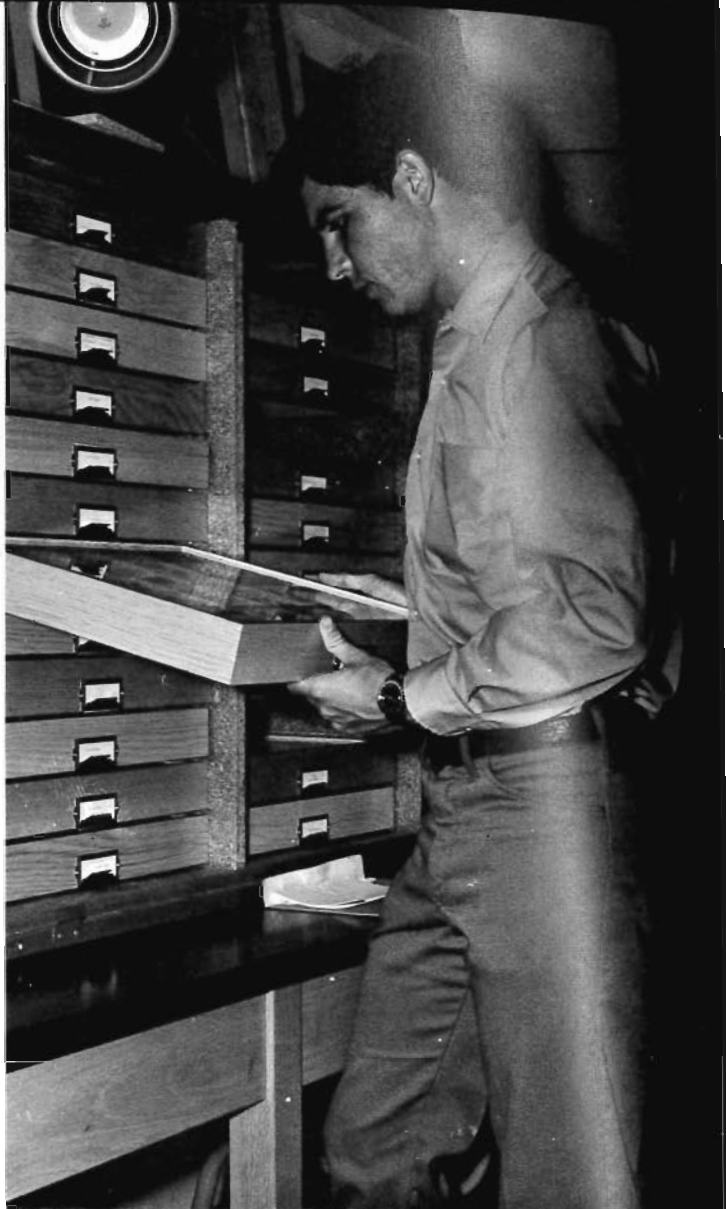




FORESTRY
LABORATORIES
STEPHEN F. AUSTIN









THE ENVIRONMENT, THE PUBLIC AND THE FORESTER¹

As we begin the decade of the 1970's, the spotlight of public attention is on pollution and related environmental issues.

This growing concern for a quality environment is shared by people of all ages. A Gallup Poll, published in December 1969, revealed that students interviewed at 57 universities and colleges listed "Fight air and water pollution and practice conservation" as the sixth important domestic priority. A related priority of "attend to urban problems (clean up cities, slums, and ghettos)" was ranked as the third most important thing to do. A Life Magazine poll, conducted by Louis Harris, surveyed a cross-section of 4,047 Americans on a variety of questions, including a list of 26 items to be rated in terms of relative importance. "Green grass and trees around me" headed the list (with 95 percent) of the things Americans want most—ahead of such items as "Neighbors with whom I feel comfortable" and "good schools nearby." National Wildlife Federation polls found more than 85 percent of the public concerned about the state of the environment, with three out of four people willing to pay increased taxes for conservation, and 97 percent favoring reallocation of Federal spending to improve the environment.

Petitions, protests, and lawsuits are also being lodged against public and private organizations by individuals and groups opposed to actions or decisions of these organizations. Increasingly, these protests seek to publicize charges of alleged damage to the environment. In some instances, groups who favor specific uses of the forests will oppose other uses, encompassing environmental protection as all or part of the basis for their opposition.

Both public and private foresters are deeply involved in this growing public concern and involvement with forest resource management practices and decisions. This trend has far-reaching implications for the forestry profession.

The variety of actions and motives in petitions and protests clearly demonstrates that a quality environment means different things to different people. To some, the absence of development of any form is the optimum environmental quality. Others press for specific types of development (facilities) to meet their esthetic needs. Although there is lack of agreement and inadequate understanding of environmental matters, the problems and threats to our environment are very real.

Without question, the major issue involved is population growth and the demands that this growth generates. Considering that population projections add an additional 100 million people in the United States by the year 2000, it is clear that the competition for land and natural resources will greatly intensify.

Related to population growth is the question of the urban-rural balance of that population and the economic health of both of these sectors of our Nation. The migration of rural populations to the cities has not only intensified the problems in our metropolitan areas, but also has contributed to the declining economic opportunities of our rural areas. It is, thus, absolutely imperative that the rural areas be attractive to a full share of future population increases.

Also related to population growth is the matter of housing. A desperate shortage of suitable housing already exists—and ways must be found to meet present and future demands for low-cost housing.

Another major issue involved in the quality of environment is the impact of technological developments. Closely related to population demands, the direct or side effects of many industrial activities, transportation systems and agricultural practices cause pollution.

¹By Edward P. Cliff—Statement for the 1970 TEXAS TALLY, published by the Sylvans Club, Stephen F. Austin State University, Nacogdoches, Texas.

We as professional foresters should welcome the new concern about the environment. The lack of concern is what professionals have been deploring for so long. We who are dedicated to, and trained in, environmental ecology must seize this opportunity to communicate, with those who are concerned, what forestry as a profession is doing and why.

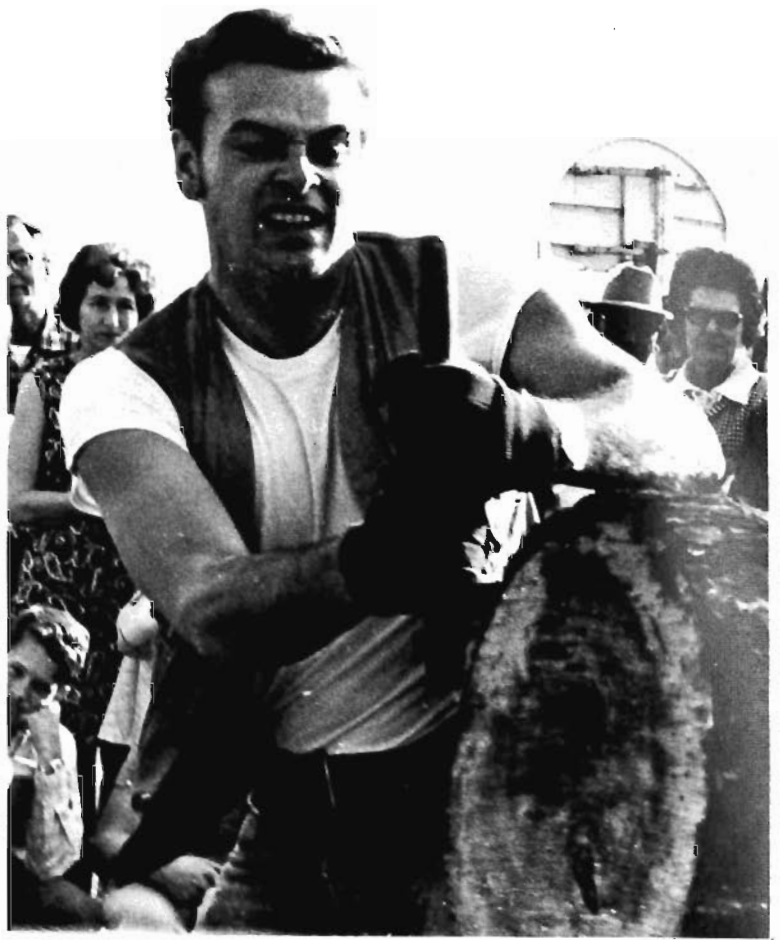
Many Americans have, in the past, taken their forest for granted—in part perhaps, because one-third of the total area of the United States is forest land. Through the years, these forests have provided raw materials for housing and other necessities of life. Quite, these forests have filtered and purified air and water; dampened noise; provided a habitat for game and beautified the landscape. They have provided a variety of recreation opportunities. In the past, reasonable demands upon these resources could be met within the framework of sound forest management practices.

However, the growing and generally affluent population has generated greater and greater pressures on a limited land and natural resource base. Recognizing the competition, special-interest groups sometimes seek to allocate more of these limited resources to a single-use or non-use, not realizing that allocation for any single purpose will place much greater pressure on the remaining land. Such allocations must be curbed, if we are to be able to provide housing at reasonable cost, a variety of recreation opportunities, including hunting and fishing, and if we expect our forests to provide clear water and help purify our air. We can expect that reasonable people will come to accept reasonable compromises. But we foresters cannot expect—nor should we desire—the various publics to meekly accept what we, as land management professionals, propose. We cannot expect it, because an increasingly sophisticated public will want to evaluate the analyses on which we base our decisions. We would not want them to because it is imperative that the public be heard and participate in our planning processes. This is, after all, an important part of our democratic tradition.

This matter of degree of public participation is one of the most critical issues facing the public forester today. This issue can be expected to increase. The professional forester and his fellow professional engineers, landscape architects, biologists, etc., who are responsible for managing public lands, must be able to provide opportunities for public participation without abdicating his responsibilities in the decision-making process. There is no set formula for public participation. This is particularly true on the National Forests, for these Forests belong to all the American people. Local views are particularly important and can be helpful in management decisions, but local viewpoints cannot completely dominate. For the National Forests are national resources, and decisions must be made from the standpoint of the overall good with due regard for local and regional needs and desires.

With the rapidly changing attitudes of our society, new ways of involving the public in the planning process must be devised. Alternatives in management must be explored, public opinions must be determined, and documentation of these analyses must be made. These processes must become a part of the professional resource manager's working practices. Only in this way can we expect to achieve program acceptance and success and, consequently, a quality environment.

PARENTS' DAY



"Uh, this darn thing is supposed to come back?"

"Just waitin'."

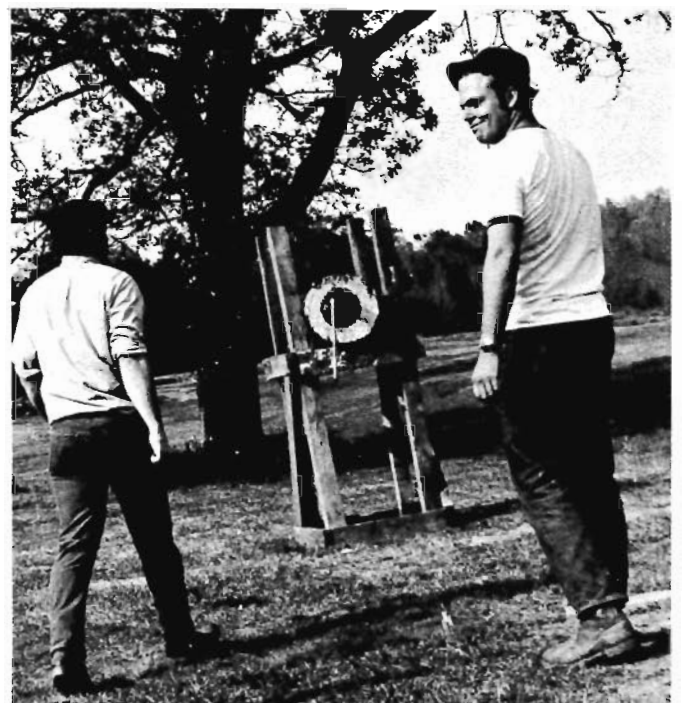




See, there *is* more to it than logging boots and cross cut saws.



Speed and concentration.



Hooray!



"You did *WHAT?*"



"And on page 2,347, topic 7, subtopic 13, paragraph 8, subparagraph. . .

I'll bet there were some sore muscles in the morning.



Officers



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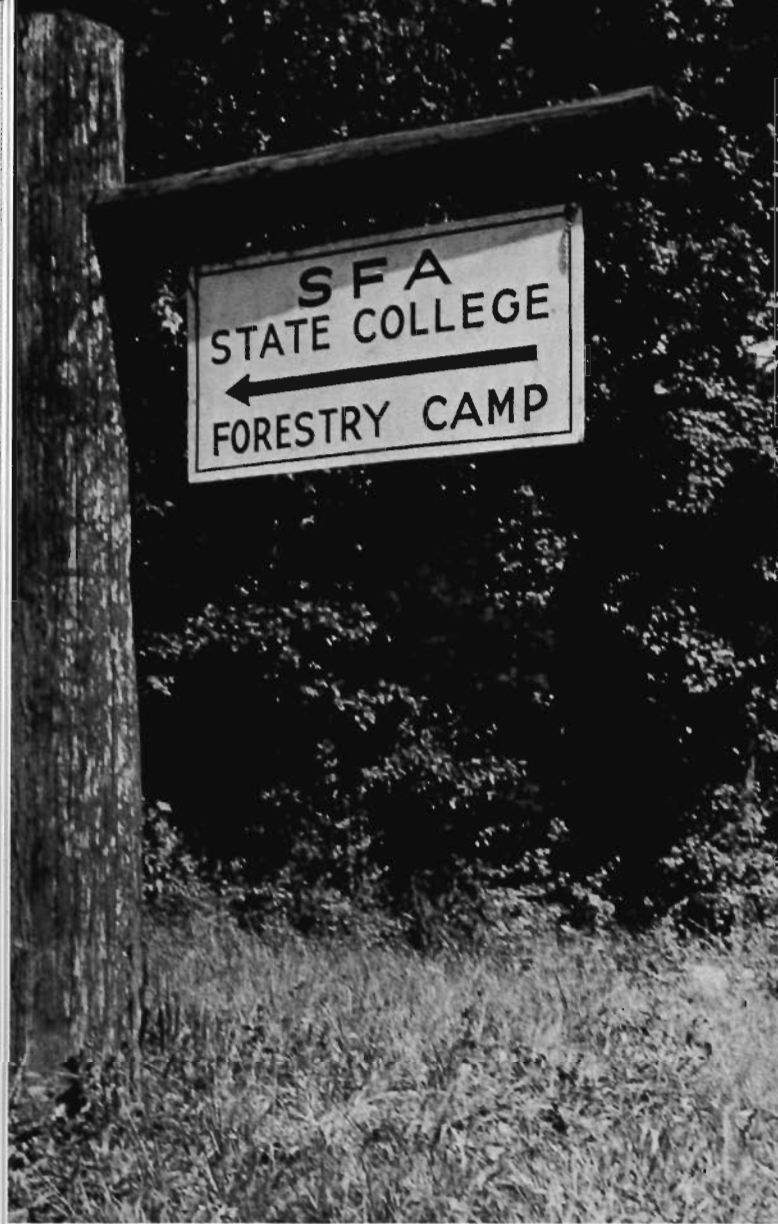
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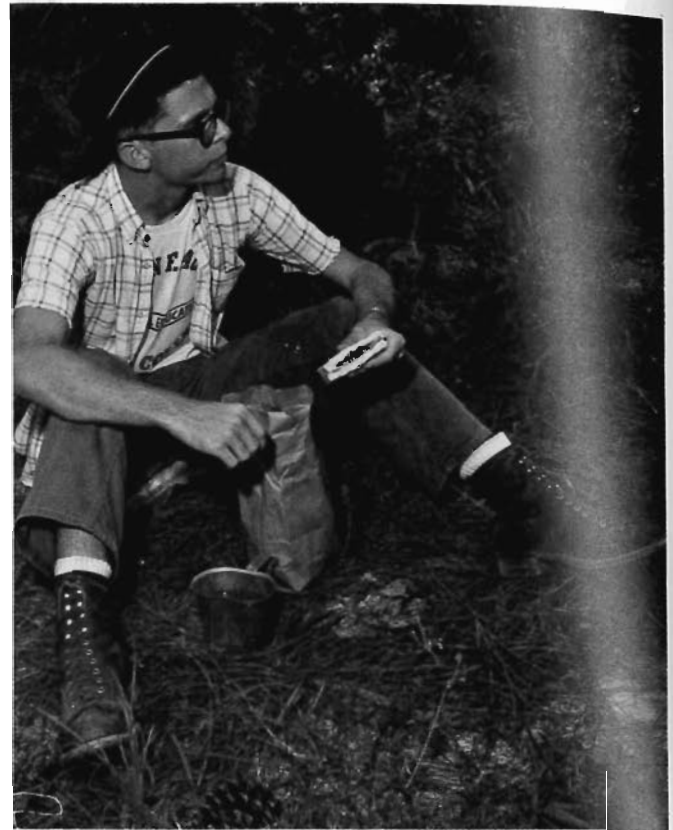


Land of Enchantment



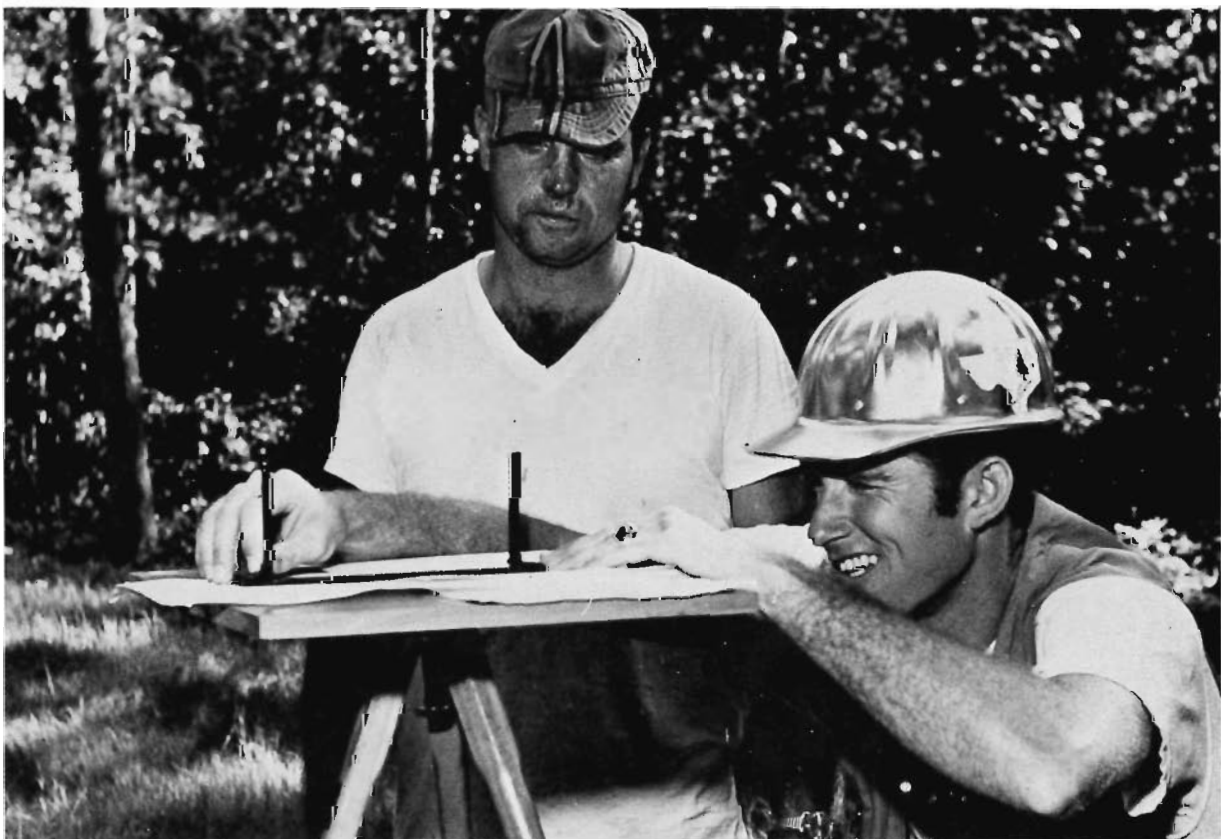


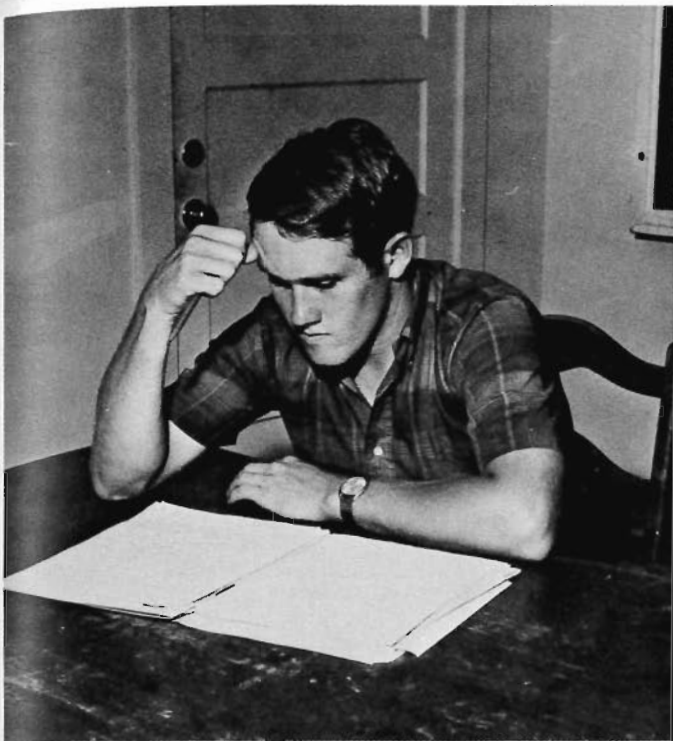
"Bet you don't make it."



"You saw a *what* crawl out of my lunch sack?"

"Don't ask me, Cunningham, I barely passed 239."





A rare sight indeed!



Good cook — good food.



"Look, you stand like this and if you can concentrate the rays hot spot. . .

"I'm paying to do this?"



CONCLAVE V.P.I.





Editor's Note:

I would like to thank all of those who helped to make this yearbook possible. I would like to especially thank Mr. Ben Hobbs of the journalism department for his technical aid. Without his help it would have been impossible to produce this issue. Also thanks to Bill Fansler and Sylvia Albrecht for their help.

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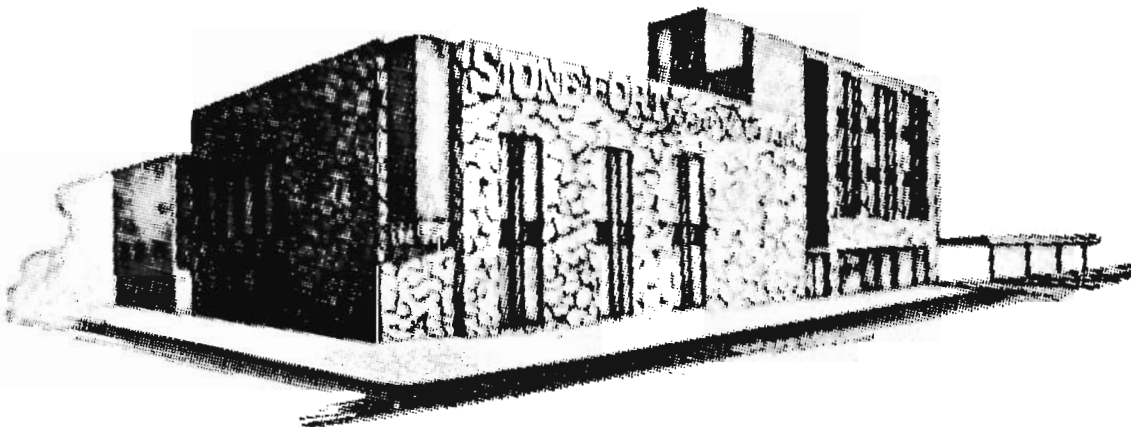
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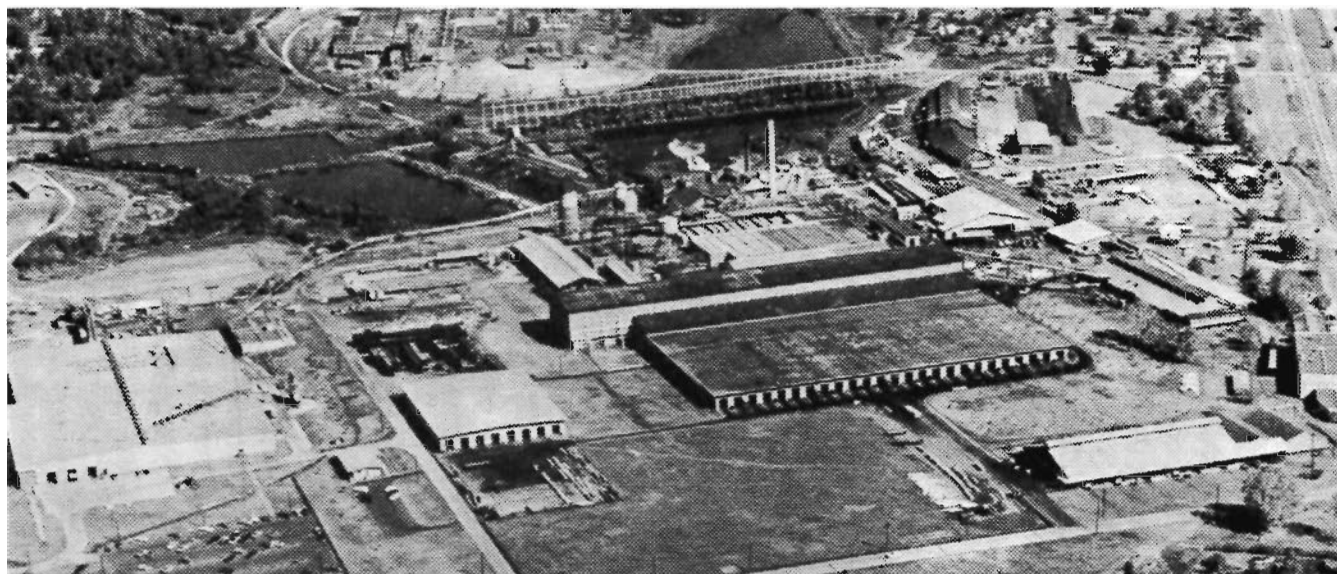
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