

The IDAHO FORESTER



2
2
5
1965

Volume 47

*We would like to thank our advertisers for
making possible the publication of
The Idaho Forester*

Air-Mac, Inc.	J. I. Morgan, Inc.
Andrew's Equipment Service	Mort's Club
Atlas Tie Co.	Moscow Body and Glass Shop
Bill's Phillips 66 Service	Moscow Florists and Gifts
Bill's Texaco	Moscow Hotel
Boise Cascade Co.	Moscow Steam Laundry
Brown's Furniture	Murphy's Men's Apparel
Burns-Yaak River Lumber Co.	Myklebust's
B. J. Carney and Co.	Neely's Travel Service
Carter's Drug Store	Nelson Paint Co.
H. E. Chickering Jr.	Robert S. Nobis
The Coeur d'Alenes Co.	Owl Drug Store
Coeur d'Alene Stud Co.	Park Motel
Creightons, Inc.	Potlatch Forests, Inc.
Cummins Diesel Sales, Inc.	Rathaus Pizza Shoppe
DeArmond-Joyner Lumber Co.	Rental Equipment Co.
Diamond National Corp.	Photography by Rudy
Forestry Suppliers, Inc.	Spokane Hoo Hoo Club
J. A. Gendron and Co.	Spokane Machinery Co.
Green's Cleaners	Spokane McCulloch, Inc.
Hedlund Lumber Co.	Spruce Tavern
Hillcrest Motel	Douglas M. Stellmon
Hi-Way House	St. Maries Plywood Co.
Homelite	Tri-State Distributors, Inc.
Johnny's Market	Truck Liquidating Centre and Allied Equipment
Jones White Truck Co., Inc.	University Pharmacy
Joslyn Mfg. and Supply Co.	University Student Bookstore
Kenworthy and Nuart Theatres	Wales Lumber Co.
L. D. McFarland Co.	Western Major Supply Corp.
Modern Machinery Co.	White's Shoe Shop

PATRONIZE YOUR SPONSORS

Published Annually
by the
Forestry Students



COLLEGE OF FORESTRY, WILDLIFE AND RANGE SCIENCES,
UNIVERSITY OF IDAHO, MOSCOW, IDAHO

Table of Contents

Dedication	3
Idaho Forester Staff	4

ARTICLES

Keeping Up in Wildland Management, by E. W. Tisdale	6
Forest-Wildlife Management Research: A Challenge, by William H. Lawrence	8
Fifty Years of Lumberman's Forestry, by Dean W. Huber	11
Roughneck Foresters, by Ed Wood	13
Cedar Poles—A North Idaho Specialty, by Howard Wallace	14

ACTIVITIES

Associated Foresters, by President Carl Pence	19
Steak Fry, by Dean W. Huber	21
Xi Sigma Pi, by Jess Daniels	22
Summer Camp, by Howard Wallace	25
Student Officers	27
The Forester's Ball, by Keith Johnson	29
A.W.F.C. Conclave, by Dean W. Huber	30
Foresterettes, by Anne Glover	32
Forestry Week, by Bill Pickell	36

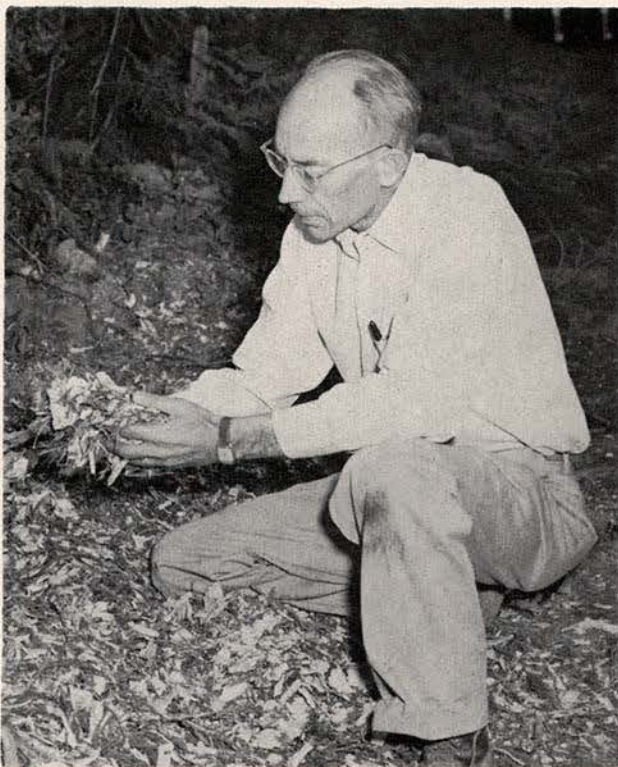
ACADEMICS

Senior Class	38
Junior Class	46
Sophomore Class	47
Freshman Class	49
Secretaries	49
Honors and Awards	51
Graduate Students, by Jim Gosz	52
Dean's Honor List	55
Faculty	56

The cover and dividers show the various stages of the Forester's Christmas tree project. The Associated Foresters felled, transported, erected, and decorated a 35-foot spruce for the City of Moscow.

DAVID S. OLSON

1892-1964



Dave Olson was one of the most respected professional foresters in the northern Rocky Mountains. His career started with Region 1 of the U. S. Forest Service in 1915. He was vitally interested in reforestation and supervised the planting of thousands of acres of forest land that were burned during the 1910 fire. Soon he was placed in charge of Savenac Nursery, and later became Chief of Planting for the Northern Region, working from Missoula. During the 1930's he worked on the Shelterbelt Project in Nebraska, and on the Guayule Rubber Project in California during the Second World War. After retiring from the Forest Service, he started work in 1949 at the College of Forestry, University of Idaho, as Research Silviculturist. Dave turned his considerable talents and experience to the problems of slash disposal, and during the next eleven years authored many papers on this and allied subjects. He taught fire control during his time at Idaho, directed graduate students, and was known for his willingness to talk with undergraduates, giving them the benefit of first-hand examples and experience, so often lacking in academic circles.

Dave was a man of the very highest caliber and of intense dedication to his profession—a man with rare good humor and sage advice. To Dave Olson we respectfully dedicate the 1965 Idaho Forester.

Idaho Forester Staff



Front row, left to right—Howard Wallace, Ed Wood, Dean Huber, Gary Lambson. Second row, left to right—Bill Pickell, Keith Johnson, Russ Moore, Leslie Betts, Russ Liddell, Phil Ericson, Jim Carmichael.

EDITOR

Ed Wood

ASSISTANT EDITOR

Howard Wallace

ASSOCIATE EDITOR

Dean Huber

SENIOR EDITORS

Gary Lambson
Darwin Harms

BUSINESS MANAGER

Bill Pickell

ADVERTISING MANAGER CIRCULATION MANAGER

Jim Carmichael

Keith Johnson

PHOTOGRAPHER

Russ Moore

FLUNKIES

Leslie Betts
Phil Ericson
Russ Liddell

FACULTY ADVISORS

Dr. A. D. Partridge
Dr. H. Lowenstein

The staff of the 1965 Idaho Forester would like to thank our faculty advisors, Doctors Lowenstein and Partridge, for their willingness to assist and advise us in publishing this annual.



Keeping Up In Wildland Management

E. W. Tisdale (Acting Dean)

We are accustomed to the fact that changes of various sorts are characteristic of a highly developed and technological society such as our own, but are we fully aware of the rate at which changes are occurring in our own professional fields? There are many signs that changes are occurring at a faster pace than most of us realize and that the rate of change is increasing. This trend has a bearing on the teaching and practice of wildland management and must concern all of us.

The importance of rapid change is well recognized in the basic sciences. In chemistry and physics, for instance, a doubling of available information every 8 years is now estimated. Any alums who have looked at a freshman chemistry text lately will know what I mean! In the applied fields we have tended to comfort ourselves with the thought that the rate of change and of accumulation of usable knowledge was less rapid, and that it was not too difficult for a person to keep up professionally. The emphasis was on experience, and it was assumed that an older person would be as well or better oriented in his field than a younger one with equivalent education. The pressure of events now indicates that these comfortable assumptions may not be tenable, and that we may be in a situation not too different from that affecting the basic sciences.

Why, one may ask, should there be this sudden acceleration when for several decades the rate of change in land management has been relatively slow. Probably there are many answers, but the principal one seems to be people—more of them, with increasing demands for the products of a relatively fixed land resource.

While the pressure of growing demand affects all of the major wild-



land resources, it is most dramatic in two of the relatively newer uses, namely watershed and outdoor recreation. The importance of watersheds has been recognized for some time, but demands on our water supplies have risen sharply and become really critical only in recent years. Because of this, water is now considered to be the primary product of many higher elevation areas which were previously managed mainly for their timber or forage production. If water is the principal product, then it follows that the management of these lands must be geared to maximum sustained production of water. This may require decisions about the other uses of such lands—should they be logged or grazed, and if they can be so used, how must customary practices be changed, and

who is to pay for these changes if they result in higher costs for the timber or forage user? At present some key watershed areas, especially those controlled by cities, have been arbitrarily closed to all other uses. This is certainly not multiple use, but shows what may happen unless land managers can develop management systems which will allow economic use of the other resources along with acceptable water production and quality.

An example of the increasing concern with water problems is shown in the establishment this year by the University of a Water Resources Research Institute, financed jointly by federal and state funds. This Institute will serve as the main arm of the University for investigations in water problems and will integrate the departments and colleges into an over-all approach. The immediate effect in the College of Forestry, Wildlife and Range Sciences has been provision of funds for a much-needed position in watershed management along with funds for his activities, and for related research by other members of our staff.

Another field in which there has been a drastic increase in demand is that of outdoor recreation. Here we have a land use in which almost everyone is interested. This virtual explosion in use is due to increases in four things: population, disposable income, leisure time and increased ability to travel. The combination of these factors has resulted in a surge of outdoor recreational use which has made it a major problem. What was formerly a minor land use now requires large outputs of trained manpower and funds to satisfy a demand which at present shows no sign of slackening. The evidences are seen in our public land agencies with the development and maintenance of campgrounds and similar facilities assuming a large role. The National Park Service is responding with more intensive development of existing parks and there is currently a keen demand for new parks, for instance

the Sawtooth area of Idaho and the Glacier Peak region in Washington. Concern over the use of land and water is seen in the recently passed Wilderness Bill and in the current hearings on the proposed Wild Rivers Bill. Further evidence of interest in recreational land use is shown by the establishment of the Bureau of Outdoor Recreation by the federal government. The latest development is the creation of the Department of State Parks in Idaho with a budget sufficient to provide for a well-planned and adequate park system.

The trends noted above pose many questions for land managers. Three which seem of special importance are (1) how can we reconcile all these demands with the multiple use of natural resources, (2) how can we educate land managers to prepare them to meet these challenges and (3) how can we keep administrative, research and teaching personnel up to date in a fast-changing world? It is easier to ask these questions than to answer them, but a few suggestions are offered here for your consideration. In land management it is apparent that we are going to have to develop more intensive approaches requiring the use of more money and manpower, and there will have to be increasing consideration of the public as a whole when management decisions are made. In addition, changes will have to be made in our curricula in order to provide graduates who are able to adapt to rapid changes. Undergraduate education may have to place less emphasis on the traditional fields within land management and more on the subjects pertaining to broad social and economic issues and the management of people. Four years of college may not be enough to accomplish this purpose and increased training, probably in the form of graduate work, may become necessary for anyone who wishes to specialize. For established staff people there will be need for more and better refresher courses, workshops, sabbatical leaves and other devices for periodically renewing their training.

Forest-Wildlife Management Research: A Challenge

William H. Lawrence

Forest Wildlife Biologist, Weyerhaeuser Company

The job of managing wildlife within managed forests is complicated, interesting and challenging. It requires the combined and integrated talents of forest managers, wildlife managers, and research workers in all phases of wild-land management. The major problem areas are: (1) to control wildlife-caused damage, (2) to determine the influence of silvicultural practices on wildlife, and (3) to effectively communicate research findings to professional workers and the general public. Research must provide the facts to solve managerial problems. The manager must produce effective programs of action based on research findings.

WILDLIFE DAMAGE CONTROL

The control of damage is complicated by the existence of both game and non-game species in any unit of area. The direction taken by research on control of wildlife-caused damage depends in part on whether the emphasis is placed on game or on non-game species. Unfortunately, state game-management agencies rarely concern themselves with nongame species, and lack of funds has curtailed federal research on forest-wildlife problems. As a result we do not have sufficient knowledge to effectively control animal numbers and subsequent damage. This control of animal numbers is just as legitimate as is their propagation as an activity of wildlife management, but it is not fully appreciated by all wildlife biologists. Forest managers can help by insisting that wildlife-caused problems are the responsibility of biologists rather than laymen. Currently the Bureau of Sports Fisheries and Wildlife and the U.S. Forest Service are placing greater research emphasis on wildlife damage control

and marked improvement is foreseen.

The wild-land manager must have tools to control game populations. These may be direct or indirect, and will consist of habitat manipulation, chemical application or many other physical acts. Direct control of non-game species has been tried with limited success since this approach treats the symptom, excessive numbers of animals, and not the cause, habitat conditions. Such direct control is a temporary expedient, but considerable emphasis has been placed on the development of chemical repellents, primarily at the Denver Wildlife Research Center, which receives a continuing flow of new compounds for screening as repellents or toxic agents. This research has provided chemicals to control seed losses (endrin), and clipping of seedlings by wildlife (thiram). Current emphasis is placed on a search for systemic repellents. This development of new compounds for repellency or toxicity to animals has been largely through a series of detailed laboratory bio-assays and field tests. Many compounds are rejected and only a few are used in management. The empirical approach can be improved by basic research aimed at identifying the physiological processes involved in each animal's response to repellents. Armed with such knowledge for each problem species, we could better foresee materials having potential as repellents. Research of this nature is essential if marked progress is to be obtained in chemical-based protection.

Although all of our present efforts to control animal damage involve the use of chemicals, the practicality of ecological or silvicultural control should be investigated. We have learned to manage vegetation to en-

hance tree growth, but can we also manage vegetation to lessen the impact of wildlife on forest regeneration? This type of research is receiving little or no emphasis; a serious void that needs prompt filling. Presently we do not know what the influence of a silvicultural system will be on wildlife population levels. A particular regeneration practice or type of logging might so alter the environment as to lessen the impact of problem species on regeneration. Even then, we may need repellents to supplement population shifts implanted through silvicultural practices.

INFLUENCE OF SILVICULTURE PRACTICES ON WILDLIFE POPULATIONS

Forest and wildlife managers are similar; both want to produce continuing crops of selected species for harvest by logging and hunting, respectively. The problem is to relate wildlife requirements and responses to the ever-changing pattern of game habitat produced by logging and the modified growth of a new forest. For example, progressive clear-cutting of the old-growth Douglas-fir forest, in the early days of logging, produced areas that were repeatedly burned

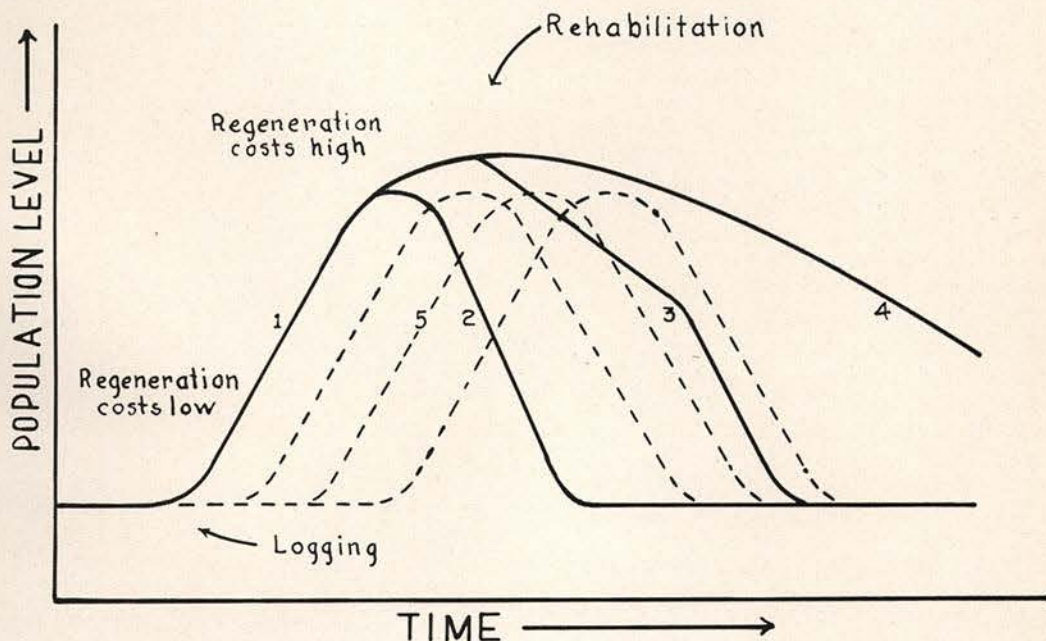


Figure 1. The relationship between game populations and carrying capacity of forest land during the passage of time following logging.

- 1 —response of game populations to logging mature forests. When this is combined with 2, 3, and 4 it represents the effect that time of establishment of regeneration has on subsequent animal numbers.
- 1+2—represent the change in population level that follows the prompt establishment of regeneration following logging.
- 1+3—portray population trends on cut-over land when regeneration is delayed following logging.
- 1+4—represent conditions that would prevail under extremely slow regeneration by nature.
- 5 —represents the progressive build-up and decline of game numbers as logging progresses through a managed forest.

over, preventing regeneration of trees, but stimulating the growth of forbs and shrubs valuable as game forage. After logging, the land was virtually abandoned. These practices, poor by modern standards, in time produced ideal habitat for black-tailed deer and Roosevelt elk.

Now, with more intensive forest management, regeneration is obtained by seeding or planting in order to minimize delay. Poorly stocked areas caused by early logging or old burns are being rapidly reforested artificially, and this tends to accelerate the re-establishment of forest stands, but simultaneously tends to reduce the carrying capacity for wildlife. As logging continues, new openings are created with increased, but shorter-lived, carrying capacities for game. Thus, the managed commercial forest is an ever-changing mosaic of clear-cuts, regenerating areas, and forest stands approaching maturity; each condition has its own levels of carrying capacities which must be considered in planning and developing combined forest and game management.

The relationship that exists on forest land between animal populations and changes in carrying capacity following logging are shown in Figure 1. The time it takes to regenerate a new stand determines the period during which cut-over land will support maximum numbers of animals. Prompt regeneration shortens the period of maximum capacity, and slow re-establishment prolongs it.

COMMUNICATION OF RESEARCH FINDINGS

The communication of research findings to appropriate audiences is an essential part of any research project. Information must flow: (1) to other technicians to stimulate the flow of new knowledge, (2) to resource managers who have responsibility for putting the knowledge into practice, and (3) to the public to keep it constantly informed of progress in forest wildlife research.

It is essential that research biologists and research foresters maintain close liaison and exchange information and ideas. As an example, the use of shelterwood silviculture for second-growth Douglas-fir is being tried. It is desirable that research biologists work with silviculturists to determine what effect these changes in forest practice will have on game.

Sportsmen must be convinced that they will benefit from research and from forest game management, and that various management practices are necessary. Without their support, intensive research-based game management on forest land will probably never come to pass. Communication is the convincer and must be recognized as a basic tool.

In conclusion, successful management of wildlife in a managed forest requires that we first obtain the necessary biological facts. Then we must put these to work within the framework dictated by the primary use of each land area. And finally, we must enlist the full understanding and support of the public. This is our challenge.



WESTERN MAJOR SUPPLY CORP.

E. 5303 TRENT AVE.

SPOKANE, WASH.

Phone KE 5-1504

CONGRATULATIONS FORESTRY GRADUATES!

The Knowledgeable Timber Operator Uses A
MOUNTAIN LOGGER

The Outstanding Rubber Tired Skidder

Fifty Years Of Lumberman's Forestry

Dean Huber

Fifty years ago, in the fall of 1914, the University of Idaho saw the need for founding a four year "Lumberman's Forestry Course." Its stated purpose was to prepare men with more than the "usual amount of training in mechanics and allied subjects," and extra emphasis was placed on river driving, rafting, fluming, skidding by horse and steam, and the disposal of wood wastes.

This Lumberman's Forestry Course, the second option added to the Department of Forestry, was one of the first of its type offered in the country. Charles H. Shattuck, head of the Department and originator of Shattuck Arboretum, together with I. W. Cook and A. D. Decker, formed the staff largely responsible for teaching and fostering the growth of this new training program. The students under this curriculum took almost as many non-forestry courses as they did forestry courses, and in 1919 the more appropriate name of Logging Engineering was given the curriculum.

Soon came a shift of curriculum emphasis to include both engineering and chemistry. This shift was started by Henry Schmitz, who later became

President of the University of Washington, when he introduced into the graduate program additional courses in wood chemics and technology. A major undergraduate curriculum change came in 1934 when Edwin Jahn changed the name from Logging Engineering to Wood Utilization and required seniors to study the chemistry and mechanical properties of wood. According to Joe Allegretti, a 1941 graduate, this was the country's only curriculum at that time which combined both the chemical and physical properties of wood. The work which Jahn had started was perpetuated by Elwood White and Eric Start. Soon the University of Idaho became well known for the work in wood chemistry done by Jahn and White.

The wood utilization option was sub-divided in 1941 to offer both chemical technology and engineering technology. This bi-phase condition is found in our present Wood Utilization Technology Option, offering technical training to people who wish to combine forestry and chemistry or forestry and engineering.

The demand, which in 1914 caused

(Continued on page 16)



Dr. E. Jahn (1930-38)
Year of Photo Unknown



Dr. E. White (1938-50)
1939 Photo



Dr. E. Ellis (1946-56)
1947 Photo

WHITE'S SHOE SHOP

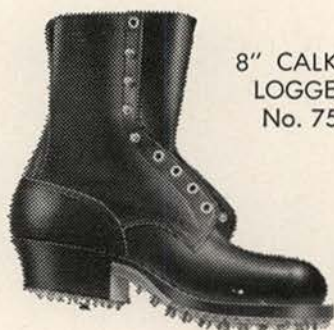
MAIN AVE. &
STEVENS ST.



SPOKANE,
WASH.

HAND MADE

OVER 50 YEARS
MANUFACTURING
AND
REPAIRING



8" CALKED
LOGGER
No. 75



No. 690
8" PACKER

Smoke Jumper & Forester



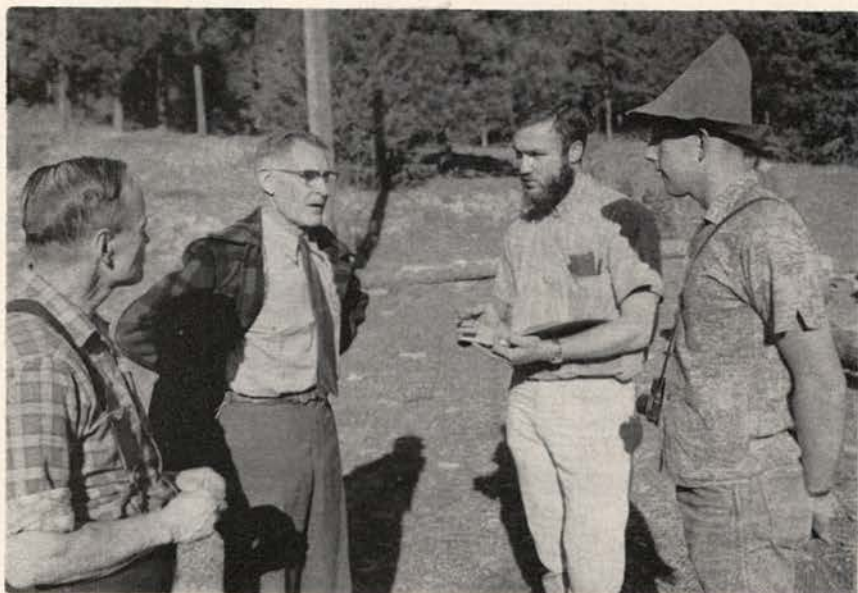
No. 375
8" VIBRAM

Riding and Walking

SEND FOR CATALOG OR SEE YOUR DEALER

Roughneck Foresters

Ed Wood



John Howe, E. W. Renshaw, Ed Wood, Dean Huber

"Oh, they still like to think they are a bunch of roughnecks, but actually these boys are pretty much like the students I went to school with," stated Mr. E. W. Renshaw while watching the activities at the 1964 Steak Fry. Mr. Renshaw, a 1925 graduate of the School of Forestry, feels that the profession of Forestry is still attracting the same type of men that ventured into the field in his undergraduate days.

Perhaps the students haven't changed since 1925, but the College of Forestry certainly has. The College, then the School of Forestry, occupied the top two floors of what was Morrill Hall, now the Forestry Building. The faculty consisted of Dean Miller and three professors, and the school's 70-80 students were offered three options; Range Management, Logging Engineering, and General Forestry. The College now boasts twenty-six faculty members and offers seven options to about 350 students. Although the present female foresters may feel they are invading a man's field, Mr. Renshaw reports that there was a girl forester

in his day. She met with so much opposition from Dean Miller, who felt the profession of forestry was no place for a woman, that she quit before graduation.

After graduation Mr. Renshaw became first Deputy Forester for the State of Idaho. The single office was then located in Moscow, and the total staff of the Department of Forestry consisted of three people. Two years later Mr. Renshaw left the State to work for the U.S. Forest Service in Avery, Idaho, and remained with the U.S.F.S. until he retired in 1956. His travels took him to work on the Shelterbelt Project, and to assignments in Tennessee, Florida, Texas, Georgia, and North Carolina. He supervised 3000 men in Massachusetts, salvaging windthrown timber from the 1938 hurricane. After serving as Supervisor of the Nantahala National Forest in North Carolina, Mr. Renshaw retired as Regional Pest Control Officer for Region 8, Atlanta, Georgia. He and Mrs. Renshaw then returned to Moscow, where they now live.

(Continued on page 16)

Cedar Poles—A North Idaho Specialty

Howard Wallace

In the moist cedar-hemlock forests of north Idaho, where western red-cedar (*Thuja plicata*) attains optimum growth, the production of cedar poles has become a major business activity. Since the cedar pole is one of the region's most important timber products, extensive logging and treating operations are located in the state.

Western red-cedar is unsurpassed for poles due to its high quality and special features. The living crown functions much the same as the crossarms of a pole, resulting in a natural structure grown with the same stresses that a standing pole must endure. In Idaho's panhandle the cedar attains nearly maximum vigor, with better form and higher density than the same species grown west of the Cascades.

The most celebrated virtue of western red-cedar is its durability. The heartwood of this species is highly resistant to decay because it contains a substance, or substances, which is fungitoxic and insect repellant. Although it is not present in the sapwood, this material is deposited when the sapwood matures to heartwood. Because of this decay-resistant core, untreated cedar poles normally remain fully sound for ten to fifteen years after installation. Cedar logs have been observed to lie on moist forest floors for fifty to seventy-five years with little noticeable decomposition of the heartwood.

Cedar poles are harvested primarily by selective cuttings. Under-sized trees, and those greater than thirty-six inches in diameter on the stump, are not cut for poles. Poor shape or the presence of rot may cause a tree to be rejected. Cedar poles may be harvested in conjunction with saw timber, although breakage and damage is usually less if the poles are removed before logging.

The production of cedar poles starts with felling the tree and removing the bark and limbs before hauling the pole from the woods. Debarking in the woods is now being replaced by mechanical debarking at the treating plant. Such machine-shaved poles are gaining in popularity because they have better symmetry and appearance.

After the poles have been cut and trimmed, they are trucked to concentration yards where they are seasoned. At the yard the poles are sorted by size and class and properly piled to protect them from attack by fungi or from excessive exposure to sun and wind. Cedar poles are air seasoned only; this process, which usually lasts from six to nine months, serves to dry the wood and increase its strength. Poles are considered to be "dry" when their moisture content has reached equilibrium with prevailing regional moisture conditions. After seasoning, the poles are taken to a processing plant where they are sanded, framed, and incised for preservative treatment. Framing consists of special adaptations to the pole that may be required by the purchaser. In the incising step small slit-like holes, one-half inch deep, are stamped into the surface of each pole at the 3-foot groundline section to enable penetration of the preservative into this section.

Two types of non-pressure preservative treatments are commonly employed in Idaho: butt treatment with creosote, and full-length treatment with pentachlorophenol. Butt treatment protects the sapwood below the ground, and poles treated in this manner last about twenty-five years. The poles are placed upright in heavy steel tanks and their butts immersed first in hot creosote, then in cold. Because sapwood decay in the tops of poles has become a serious problem in the South and East,

poles in these areas are often treated full length with pentachlorophenol, but this process is seldom used for western red-cedar poles.

The production of cedar poles involves several problems which are not common to lumber operations. One difference is that pole timber must meet more rigid standards of size and quality while on the stump. An important point to note when comparing pole production with lumbering is that they are basically different processes. The pole is a finished product in itself, requiring that all specifications be met before the tree is felled, whereas felling is merely the first step in making lumber.

Although cedar poles are of high quality, they are not without considerable competition, mainly from steel structures and wooden poles of other species. Steel structures have become competitive as light poles and in massive cross-country power transmission lines. In the Northwest, lodgepole pine and

western larch are the important competing pole species.

In spite of growing competition and a shortage of stumpage, the volume of cedar poles produced tends to remain rather uniform. Forest Service figures indicate that western red-cedar was the leading pole species in the northern Rocky Mountain area for nine of the eleven years from 1947 through 1957. Northern Idaho produced 161,000 poles in 1947, and 128,000 cedar poles in 1957. Four non-pressure treating plants are now operating in Idaho's seven northern counties.

Idaho's cedar poles are distributed to a wide variety of companies and agencies throughout the United States and Canada. Leading consumers of these poles include: telephone and power companies, the Bureau of Reclamation, the Rural Electrification Administration, and the railroads. As might be expected, the centers of consumption correspond

(Continued on page 16)



BOISE CASCADE

Boise, Idaho

Lumber/Plywood/Paper/Packaging/Building Materials

CONGRATULATIONS

1965

FORESTRY GRADUATES

CEDAR POLES— A NORTH IDAHO SPECIALTY . .

(Continued from page 15)

to population centers, where power lines and railroads are concentrated. Therefore, many of the poles from Idaho are shipped to the midwestern states and eastern markets. The southern pine belt is the only region where cedar poles are not competitive.

The cedar pole industry of northern Idaho has proven to be a significant member of the greater forest industries of the Northwest. Harvesting, treating, and shipping of poles all contribute to a sound forest economy. The outstanding quality of the cedar pole and its widespread popularity will assure this industry of an important role in Idaho's future.

FIFTY YEARS OF LUMBERMAN'S FORESTRY . . .

(Continued from page 11)

the Department of Forestry to include Lumberman's Forestry, is just as great today. This is evident in the change in curriculum to include both engineering and chemistry, and in the increasing demand for foresters with a technical background.

When this option was first offered

ROUGHNECK FORESTERS . . .

(Continued from page 13)

The most striking feature of Mr. Renshaw's long and diversified career is the wide geographical range of his assignments, most of them far from the forest types of Idaho or the surrounding area; from the Northwest to the Great Plains to the Southern coast and mountains. Mr. Renshaw feels that formal course work was little help to him on the Shelterbelt Project; however, this lack of training did not prevent his moving on to the South and filling positions in forest types quite different from those found in the Northwest.

The activities of the Steak Fry seemed to remind Mr. Renshaw of his own college days, for he talked for a full hour, telling stories of events of forty years ago. He told of the snowy, blowy fall camps in the Uni-

HILLCREST MOTEL

Mr. & Mrs. J. R. Inscore

On U. S. Hwy. 95 North

MOSCOW, IDAHO

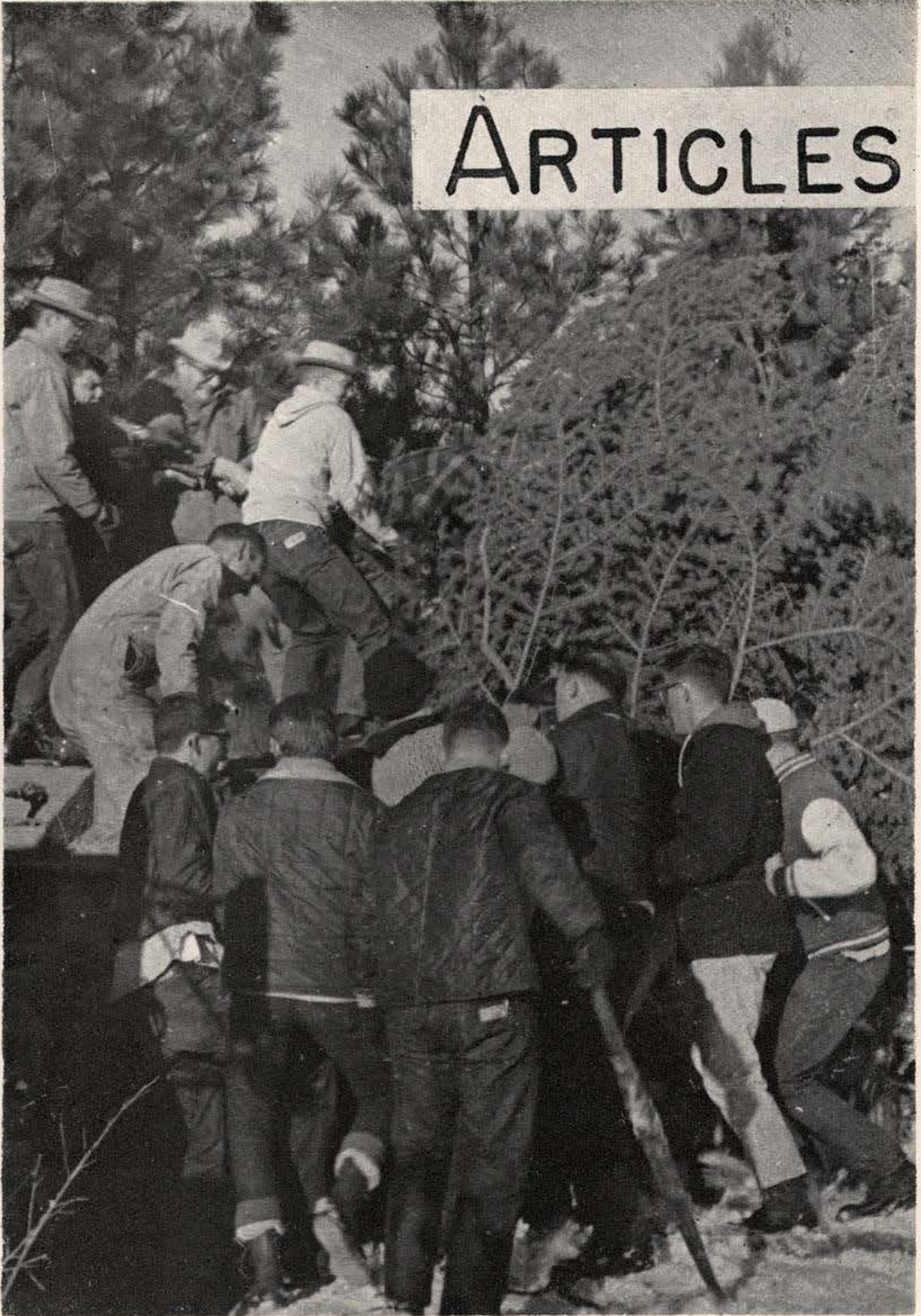
Telephone TU 2-1485

at Idaho, the demand was for people trained in river driving and horse and steam skidding. But forestry methods have changed in this 50 year period; today's demands are for people who have the technical knowledge to answer tomorrow's complex and challenging problems in wood use.

versity Forest, where the young, eager foresters lived in a tent; stories of the hazards of climbing Woodrat Lookout, which was then a tall limbless white pine with boards nailed to the bole for a ladder; and observed that the only benefit he ever received from Forest Entomology was the procedure for fumigating a bunkhouse with HCN. Space prevents listing all the stories which Mr. Renshaw told, but they are well worth hearing if a person has an interest in the advance of forestry over the last forty years.

Mr. Renshaw's varied career shows how the profession of forestry has progressed since 1925. His travels prove that, with inborne ability and proper training, a forester from Idaho can work in any part of the country.

ARTICLES



AIR-MAC, INC.

Spokane, Seattle, Portland,
Yakima, Eugene, Medford

Loggers, Contractors &
Materials Handling Equipment

E. 3710 Trent SPOKANE

SERVING THE LOGGING
INDUSTRY

CUMMINS DIESEL SALES, INC.

E. 3904 Trent Ave.
SPOKANE, WASH.

J. A. Gendron & Co.

821 W. 1st Ave.
SPOKANE 4, WN.
DISTRIBUTORS OF
K & E Equipment

For
Surveyors & Foresters

Also
Silva Compasses & Suunto
Compasses and Clinometers

And
Filson Cruisers
& Surveyor's Vests
Red & Brown

THE

COEUR D'ALENES

COMPANY

WALLACE, IDAHO

THE NORTHWEST'S LARGEST COMPLETE INDUSTRIAL DISTRIBUTORS

Box 969

Phone SK 2-1151

H. G. CHICKERING JR. CONSULTING PHOTOGRAMMETRIST, INC.

Aerial photographing, producing and drafting of

TOPOGRAPHIC
FOREST COVER
VEGETATIONAL TYPE
PLANIMETRIC
& PHOTO MOSAIC MAPS

1190 Seventh Avenue West

Eugene, Oregon

Associated Foresters

By President F. C. Pence

This year The Associated Foresters tried to maintain the momentum initiated by last year's club and its president, Dick Powers, and we attempted to further improve the structure and activities of the club. This was a big job for the active members. Sometimes, I'm sure, the results did not seem to justify the work, but considering the fun and experience involved in planning and carrying out the club activities, I am positive we would all agree that it was well worth the time and trouble.

In addition to the traditional activities, the Steak Fry, Ball, AWFC conclave, and Forestry Week, all covered in other parts of this issue, there were many new activities this year. These developed from ideas carried back from the AWFC Conclave at Flagstaff, Arizona, and from some ideas of our own.

The cord wood project started last year was tried with a different structure, but with about the same limited success. The club netted about \$40, but the experience and ideas we came up with may improve the chances for the project's future success.

The next activity was the Christmas Tree project, originated and directed by Dean Huber, and carried out in co-operation with the Moscow Chamber of Commerce. We found and cut a 35-foot spruce from the University Forest, trucked it into Moscow, erected it on Main Street, and then decorated it. The dividers for the Idaho Forester this year are photos taken while putting up the tree. After Christmas we undecorated and removed "our" tree. This project was a big job, but good planning and participation made it one of the most successful of the year. We hope future clubs will consider it as one of our traditional activities.

On the social side, under the guidance of Lynn Thaldorf, we tried an exchange sleigh-ride with the Home

Ec. Club. Despite a surplus of girls, the contact with the fair sex turned out to be success. Branching out into a different area, the Foresters entered the sports scene by organizing the Professional League for intramural competition. Under the able leadership of Bill Foster, we competed in volleyball and basketball. The teamwork and spirit we developed should make us a sports power on the campus scene in future years.

The programs for our monthly meetings were organized by our able, dancing vice president, Steve McCool. Speakers representing practically every aspect of wild land management presented their ideas. "Psychology in the Woods," a speech and discussion by University psychologist Dr. Montgomery, was an entertaining and education program of a unusual nature.

This year saw the adoption of an official club patch, the end result of three years' work. This patch now graces the green cruiser's jackets which were adopted by the Associated Foresters last year.

As usual only a minority of the club participated in the activities, but this is not unusual for any organization. I believe part of the lack of participation is due to a failure of communication with the members. This should be one of the improvements made by next year's club. We



The cord wood project.



1. Plenty of ice cream for all. 2. Gerry Grove displays his talents. 3. The pulp bolt throw—new this year. 4. Our cigar-smoking double buck team. 5. The match splitting contest. 6. and 7. The girls came—and participated. 8. The Freshman's cross-country mud bath. 9. Dr. Giles zeroes in on the bullseye. 10. The Frosh cheering section. 11. Charred steak, as you like it.

Steak Fry

Dean W. Huber

The 1964 Steak Fry made history. For the first time, wives and dates were invited to attend and participate in the previously all-forester affair. (Last year three girl foresters made their debut at the Fry.) The women who joined in the contests, eating and talking, may have changed the annual Steak Fry, however, for the general atmosphere seemed somewhat less like the brawny, bull-logger and more like the civilized forester. The coarse language and intense competition gave way to explanations of forest resource management, silviculture, and wildlife habitat (the birds and the bees, etc.).

Another guest at the Fry was Mr. E. W. Renshaw. Forestry activities were not new to him, for he was a 1925 University of Idaho graduate. Mr. Renshaw, who once again calls Moscow his home, spent the afternoon talking of the "good old days."

The afternoon's events were the traditional contests. Carl Pence and Dave Mathis demonstrated their teamwork and sharp saw, turning in the best time in the double buck contest. The faculty team of Alden and Howe would have liked to claim the handicap of a dull saw, but found no sympathetic bystanders. The single buck endurance test was claimed by Clay Brown. After spending all morning sharpening his axe and testing the log for its softest spot, Clay Brown was declared King of the Double-bit. Those with dull axes but keen eyes tried their skill in the match split. Eluin Bolton, Eugene Eyraud, and Jerrilyn Matzke showed the best combination of skill and equipment, but spent the rest of the day looking somewhat cross-eyed. Stan Anderson showed a sharp eye for round circles by winning the axe throw. In the pacing contest, Gilbert Lance ticked off the distance with Forest Service accuracy, to turn in the best guess. The pulp-bolt throw, which has been lacking in the Fry for several years, was a big hit this year. It attracted as much attention

as the cross-country race, and is expected to be included again next year. The team of Hank Carpenter and Dean Huber won the throw. The Freshman cross-country race and swim had its usual grimy finish, with Michael Kinter claiming the dubious victory. And, as seems customary, the Freshmen could not hold their footing on the Meadow Creek soil and consequently lost the tug-of-war to the upperclassmen.

As one would expect, the annual Steak Fry would never be successful if it were not beefed up by thick, platter-sized, sizzling steaks. A compliment must be given our chefs, Giles and Alden, who prepared two or more sizzlers per chow-hound. After the hungry appetites were satisfied, Carl Pence, our club president, announced the contest winners and awarded the prizes, generously donated by the merchants of Moscow. Clay Brown won the axe as Forester of the Day.

Like previous Steak Fries, the 1964 event was a huge success. The Freshmen and transfer students were able to meet the upperclassmen; the competitive spirit seldom lagged; the Frosh lost the tug-of-war; and the steaks were consumed without complaint to the chefs. The presence of the ladies added new interests to the Fry, the results of which were palatable to most of the foresters, and we look forward to having them with us again next year.

Consign Your Equipment
With Us
Buy—Sell—Lease—Trade
**Truck Liquidating
Centre and Allied
Equipment**

KE 5-1515
E. 5904 SPRAGUE AVE.
SPOKANE, WASHINGTON

Xi Sigma Pi

Jess Daniels

On November 24, 1908, a small local honor society was founded at the University of Washington which was destined to grow to national significance as Xi Sigma Pi National Forestry Honor Fraternity. The growth began in 1915 when the small group expanded its scope to provide for establishment of chapters at other universities and colleges. In the fifty years since that first bold step forward, the Fraternity has lived up to its destiny. It has become a truly national fraternity with 22 active chapters scattered throughout the United States. Total membership has swelled to nearly 7500. In the future, growth is expected to continue, possibly even beyond the boundaries of the U. S.

While the years have wrought changes in the size of the Fraternity, its major objectives have remained unchanged since its inception. Now, as in the past, Xi Sigma Pi seeks to secure and maintain a high standard of scholarship in forestry education, to work for the upbuilding of forestry, and to promote fraternal relations among earnest workers engaged in forestry activities.

As an honor society, Xi Sigma Pi is unique in one respect. Election to membership is not based strictly upon scholastic achievement. Faculty members, graduate, and undergraduate students are eligible for membership. An undergraduate must be a qualified junior or senior ranking in the upper 25 per cent of his class. Also, he must have shown a creditable interest and activity in forestry work and must show promise of attaining high professional achievement. Thus, it is the intention of Xi Sigma Pi to honor those students who have exhibited scholastic ability, aptitude, enthusiasm and good character which are so essential in a professional worker.

Our local chapter, Epsilon, was established in 1920 as the fifth chapter of the Fraternity. Throughout its forty-five-year history, it has assumed a place of major significance among the honor societies on our campus. It has sought to stimulate and reward high scholarship, to encourage forestry activities and to develop leadership within the membership and the forestry student body. In recognition of high scholarship, the Chapter established and maintains a plaque in the Forestry Building; the names of each year's class scholars are engraved upon this plaque. In addition, the Chapter sponsors the Xi Sigma Pi Award which is awarded each year to the graduating senior judged outstanding in scholarship and professional capability.

Twice each year Epsilon Chapter initiates new members into the Fraternity. The fall initiation and steak-fry was held at the Fall Creek cabin on the University Forest in November. New members initiated included three faculty members, Dr. Donald Chapman, Mr. Robert Thompson and Mr. Richard Ruelle. Student members initiated were Floyd Hutchins, Dean Johnson, Louis Kuennen, Carl Pence, Keith Redetzke, James Risch and Jay McKendrick.

The spring initiation was held at the Forestry Building in March and was followed by a steak banquet at Carter's Restaurant in Genesee. Initiates included George Ames, Earl Hutchison, Allan Kyle, Russell Moore, LeRoy Petersen, Harold Gladfelter, James Kasper and Zafar Uddin.

**Jones White
Truck Co., Inc.**

**WHITE, AUTOCAR &
FREIGHTLINER TRUCKS**

**E. 5615 3RD AVE. KE 5-3626
SPOKANE, WASHINGTON**

**COEUR d'ALENE
Stud Company, Inc.**

Box 968

COEUR d'ALENE, IDAHO

**BEST WISHES TO
IDAHO
FORESTRY STUDENTS
& GRADS**

Wales Lumber Co.
Spokane, Wash.

**GOOD LUCK
FORESTERS
Spokane Hoo Hoo
Club
(FRATERNAL ORDER OF
LUMBERMEN)**

Forestry Graduates and Students: You are invited to join thousands of foresters and woodland operators and find "What you need—When you need it" at:

**Forestry
Suppliers
Inc.**

Box 8397,
205 West Rankin Street
Jackson, Mississippi 39202

Quality Forestry, Engineering,
Camping and Industrial Supplies
—SHIPPED ANYWHERE!

HEDLUND LUMBER CO., INC.

"NOR-IDA" Brand Lumber

SANDPOINT, IDAHO

Manufacturers, Wholesalers and Retailers



1. Due East, $\pm 19^{\circ} 31'$. 2. With malice toward one—the kitchen manager. 3. How long can you tread water? 4. Jess detested a show, but made frequent trips to the hydrosere. 5. 38-25-36. 6. Scratch another black ant. 7. Yo—Rinny! 8. These evening lectures are something else again. 9. Oh, stick it in your ear!

Summer Camp

Howard Wallace

Summer Camp '64 began not unlike every other year as the June monsoon spread its wet blanket over McCall and Central Idaho. Resort activity in the town was at a minimum, and the Payette Lakes monster sought its deeper haunts, but in THE CELLAR George dusted off a few more glasses as the foresters arrived to set up camp on a drizzly Sunday.

Proper introduction to the camp and facilities was made as the foresters arrived and were set to work fitting the camp together. Prominent among the facilities was the newly constructed classroom building which features a multi-paneled blackboard. New wiring in all the student residences was another feature welcomed in '64. Camp was set up by late afternoon and, with personal gear stuffed into corners of the canvas cottages, all hands turned to various diversions in anticipation of For. S100, Field Measurements.

At the sounding of the 8:00 a.m. gong on Monday, Prof. Robert (Pappy) Seale took command to start the eight week process that would change many of the foresters from mere splinter pickers to advanced sapling benders. In the four weeks of the measurement course, Pappy developed great proficiency and proper timing in shuffling the panels of the blackboard as he detailed schemes of land surveys and timber measurement. Assisting Prof. Seale were Prof. Arland Hofstrand and graduate assistant Jess Daniels.

With trailer tapes and staff compasses in hand, the brush apes set out daily in parties of four to size up the forest. In addition to land surveying, this quantitative study of the forest environment included tree measurement, forest sampling, and cruising exercises. Field trips to Brown's Mill and Price Valley provided introductions to mill tally, scaling, and log grading. For. S100 became history with the final exam.

As July moved into its third week,

the qualitative study of the environment began as Prof. Fred Johnson assumed direction of the camp during For. S101, Field Ecology. Much of the field was transferred to 5 x 8 cards as plant collections when the troops ventured to various sites which typify different habitats. These sites included No Business Lookout, the Middle Fork of the Weiser River, White Bird Ridge, Denny Creek, and Round Valley.

Several other members of the forestry faculty visited the camp during ecology in order to instruct us in their areas of specialization. Dr. Lowenstein provided information on soils at the different habitat sites. Prof. Sharp brought along some "wild-life" shots to spice up his range slides. Then the mountain goats and the salmon proved altogether elusive as Dr. Hungerford and Dr. Giles accompanied the crew on a field trip over Lick-Creek Summit. The first part of the two-day trip was devoted to wildlife studies; the final portion was spent at the Zena Creek Logging Study Area. Following the field trip, Dr. MacPhee was on hand to send the troops wading into fisheries as summer camp neared its end.

The final exam brought For. S101 and the '64 summer camp session to an end; and, as everyone deserted the Payette shores, those experiences that made '64 unique became memories. Prof. Johnson managed to maintain his string of yearly plunges, although Jess Daniels certainly tried to outdo him. The field day competition and the annual rivalry with the hotshots and smokejumpers were successfully renewed. But, too, there had been special features. There was Doins and his fiddle to liven things up when a storm disrupted the power. And there were ants by the millions, cold showers, trucks out of gas, burning tents, and an excessive supply of salami, pancakes, and hot dogs. All in '64. "Pass the tube steak, please."

ODDS & ENDS



1. You put what in my fish bowl? 2. Steve thinks—a difficult task. 3. Fanny Hill. 4. Whoops! 5. I specialize in legs. 6. Shussing down jughandle. 7. A little high for D.B.H. 8. Serious minded cruisers. 9. Faculty member in the usual position. 10. Nice on the feet. 11. Forester of the Day, Clay Brown.

Student Officers

ASSOCIATED FORESTERS

President	Carl Pence
Vice President	Steve McCool
Secretary	Dan Dean
Treasurer	Dave Cox
Ranger	Darwin Harms
Historian	Leslie Betts
Senior Representatives	Lynn Thaldorf
	Bill Foster
	John Orwick
Junior Representatives	Keith Johnson
	Howard Wallace
Sophomore Representatives	Jon Wellner
	Bill Reeder
Frosh Representatives	Martin Clements

XI SIGMA PI HONORARY

Forester	Jess Daniels
Associate Forester	Dave Cox
Sec.-Fiscal Agent	James Gosz
Ranger	Vernon Schulze
Exec. Coun. Rep.	Prof. Howard Alden

SUMMER CAMP

President	Russ Moore
Treasurer	David Kaye
Kitchen Manager	Earl Hutchison
Commissary	Dean Huber
Work Detail	Bill Pickell

FORESTERETTES

	First Semester	Second Semester
President	Judy Mathis	Pam Stauber
Vice President	Pam Stauber	Ann Glover
Corresponding Secretary	Ann Glover	Mary Gladfelter
Recording Secretary	Sandy Wilkinson	Sharon Eyraud
Treasurer	Carol Davis	Pauline Queen
Historian—Goodwill Chairman	Sharon Wilson	Sylvia Imgard
Social Chairman		Betty Kuennen

'63-'64 XI SIGMA PI PLAQUE AWARDS

Freshman	Jon A. Wellner	Junior	Fred Carl Pence
Sophomore	Earl R. Hutchison	Senior	Floyd E. Hutchins

J. I. MORGAN, INC.

LOGGING CONTRACTOR

Looking Ahead In Harvesting The Timber Crop

Central Idaho & Eastern Oregon

NEW MEADOWS, IDAHO

OFFICE & SHOPS



1. Where's Chico? 2. Stoney conducts Beethoven's Fifth! 3. Faculty fringe benefits. 4. I should have danced all night. 5. Down the hatch. 6. The multiple use concept in motion—the Foresterettes

The Foresters' Ball

Keith Johnson

Weeks in advance The Associated Foresters began to plan and scheme for the night that would end all nights—The Campus Function, The Foresters' Ball. Held in the SUB Ballroom February 13, the Ball was the swingingest place on campus. Although they were somewhat skeptical, numerous non-Foresters attended.

Perched on his own shaky "look-out," John Lawson took tickets, with orders to turn back all who were not dressed in woods attire. Trees thinned from the University Forest converted the ballroom into a true thicket, wild life (or is that wildlife?) included. The dance music was provided by the Jeff Grimm Trio; many a vibram sole was pounded onto the floor, and onto co-eds' toes during the stomp.

While the band hit the bar for a break, the Foresterettes, wives of students in the College of Forestry, presented a skit. Entitled "The Original Foresters' Ball," or "The Trees All Foresters would like to Cruise," the skit depicted the ideal forest ecosystem, with a few curves and wiggles never invented by trees. The jug band of 14+1 chased the Foresterettes off the stage and delivered an almost recognizable rendition of "Little Brown Jug." There was a little wavering in the bass section, due to the fact that the liquid level in their jugs was lower. Bill Edelblute and Chris Wales, emcees for the night, brought the crowd up to date on what had been happening around the Forestry Building recently, including a few choice anecdotes from "Dean Wernie Ohletz," after which the motley crew turned their attention to the various diversions offered at the ball.

Those who could make it bellied up

to the bar for a shot of "redeye," chased by cookies — some co-eds swore the stuff burned on the way down. Keen competition at the black-jack tables arose as shifty-eyed dealers altered the rules according to the players and the situation.

After busting the Harold's Club bank, the gamblers found the displays interesting. The Associated Foresters displayed pictorially some of the annual activities which they sponsor. The summer camp slides depicted a typical eight weeks at McCall and vicinity, but where was the rain? Range abuse and proper management were the themes of the Range display. Various forest materials were diagrammatically converted into finished products by the Wood Ut. men. The Wildlifers showed some tools of their trade in their slides on the effect of populations and timber management to the habitat. Areas of recent research and methods of collecting aquatic life were shown by the Fisheries men. The displays, designed to show the diversified interests in the College of Forestry, were the result of Stony Yackovac's ingenuity and Prof. Alden's hard work.

As the witching hour approached, and another Foresters' Ball came to an end, many a happy forester and date headed home. Special acknowledgement for the effort and time they contributed to the success of the Ball go to Jerry Stauber, chairman; Stony Yackovac, decorations; Keith Glover, refreshments; Jerry Wall, gambling; Dean Huber and Carl Pence, jug band; and especially to the Foresterettes, whose baking and entertainment were enjoyed by everyone. If anyone sees a slightly bewildered Smokey Bear wandering around, would he please return him to Prof. Alden. He is needed for the next fire season.

A.W.F.C. Conclave

By Dean Huber

The annual conclave of the Association of Western Forestry Clubs was hosted by our near neighbor, Montana State University. The approximately seventy delegates represented nine forestry clubs from seven western states: University of California, Colorado State University, Utah State University, Humboldt State College, Arizona State College, University of Arizona, Oregon State College, Montana State University, and the University of Idaho. Idaho's five delegates, Carl Pence, Stony Yakovac, Allen Kyle, Dean Huber and Jon Wellner, joined the others on the night of March 30 for three days of meetings, discussion groups, and tours.

Our delegates were selected by the club on the basis of past or potential contributions to the club. The purpose of the conclave is to exchange ideas on different aspects of professional forestry and on forestry club activities. Because of the number of people representing such a large part of the country, the conclave is a wonderful opportunity to display a wide cross-section of activities, methods, and opinions. This exchange of ideas occurs in small discussion groups, general meetings, over dinner plates, at the bar, and in the contest arena. Concepts of the "professional forester" were vigorously discussed, with the most common conclusion being that professionalism

was needed but often hard to interpret.

Most of the meetings were held on the M.S.U. campus; field trips were taken to the Forest Service smoke jumper base and fire research center, and to the M.S.U.'s Lubrecht Experimental Forest. The fire research people explained their program and showed where and how tests were carried out, and a smoke jumper explained the equipment used in his profession. Since there was snow on the ground at the experimental forests, we were quite satisfied to remain indoors and talk with M.S.U.'s professors and graduate students.

Some of the delegates from other clubs came with considerable interest in the field day contests. Last year, M.S.U. and Humboldt State tied for the top points and a small chain saw was given each school; this year they both wanted all or nothing. Montana State took home the saw. The Idaho delegates participated for the exercise and ended up in fourth place. While the results of the contests were being tabulated, the election was held for next year's AWFC host club, with Idaho being given the honor.

On behalf of the 1965 delegates, I would like to thank the club for sending us to the conclave and hope that the knowledge and ideas that we obtained can be returned to both clubs: the Associated Foresters, University of Idaho, and the Association of Western Forestry Clubs.



Carl Pence discusses dirty-word signs with the Berkeley boys.

**WORKIN'
HEADQUARTERS
The "Stuff" You Need
Priced Right
Tri-State
Distributors, Inc.**

Moscow

Idaho

**UNIVERSITY
PHARMACY**
DRUGS, DRUG SUNDRIES
and
FOUNTAIN SERVICE
Phone 2-1197
MOSCOW, IDAHO

McCULLOCH
CHAIN SAWS
Factory Representative

East 4201 Trent

SPOKANE, WASH.

Better Your Home
Better Your Living

**BROWN'S
FURNITURE**

Moscow

Idaho

**Modern Machinery
Co., Inc.**

International Harvester
Construction & Logging
Equipment

E. 4412 TRENT

SPOKANE

KE 5-1654

One of the Northwest's
Largest Rental Fleets
**Rental Equipment,
Inc.**

EQUIPMENT RENTALS
FOR ALL NEEDS

E. 4512 Trent

SPOKANE, WN.

ANDREWS EQUIPMENT
SERVICE
of SPOKANE
E. 4620 Trent Ph. KE 5-1604
P. O. Box 2627, Terminal Annex
**HEADQUARTERS FOR ALL
LOGGERS & CONTRACTORS
MACHINERY**

PARK MOTEL

Fishing & Hunting Info
Chartered Air Flights
Primitive Area
"THE CELLAR"

Phone 634-9231
Jean & George Leone
McCALL, IDAHO

Foresterettes 1964-1965

Anne Glover

This year has been a rewarding year for the University of Idaho Foresterettes. Each year since the group organized in 1952, there have been more opportunities for forestry students' wives to get acquainted with each other and to meet the kind of people they will associate with in future years. This goal of the organization brings each Foresterette many new friendships and entertaining hours.

At a "get-together" meeting last fall, we met new friends and renewed old acquaintances. Elections and an engaging talk by Mrs. Kerns, wife of the Palouse District ranger, were on the next meeting's program. We agreed with Mrs. Kern's closing phrase about our husbands' profession, "We'd rather fight than switch." We were delightfully entertained by the faculty wives at our third meeting when each performed her "special" talent. All in all, it was a wonderful fall.

To start raising money for our annual scholarship, we decided to make and sell felt Christmas stockings. Many work sessions, swallowed beads, and pricked fingers later, we had cleared about sixty dollars, and even though it had been a lot of fun, we were willing to go home and recuperate over Christmas vacation.

Semester elections came next, and the Foresterettes, with the help of the national, created a formal procedure for installation of officers, which we had never had previously. The formal installation was successful so it will be continued each year. We also decided that each officer should have a symbol of her office to pass on each year. To begin with the presidency, a handmade walnut gavel, courtesy of a certain grandfather Glover, was presented.

At the Forester's Ball, in a skit and dance for intermission entertainment, the "special" talents of many of the Foresterettes came into full view. We are expecting an offer from

Hollywood any time now . . .

This spring we talked with a hair stylist from Alice's, we saw a very interesting film on the Appaloosa horse, and we met with a flower arranging specialist. This spring we also decided to change the size of the scholarship the Foresterettes give each year to the married forester who is active in Associated Foresters. Usually we give fifty dollars, but this year the girls wanted to present seventy-five dollars. We raffled a ham to earn the extra money, and we will present the scholarship at a picnic with the forestry and their wives and the Foresterettes and their husbands.

We'd like to take this moment to thank the forestry faculty wives, who have been so helpful in aiding us. If these wonderful ladies are representative of the type of people we will meet later, well, we are all for it.

Kenworthy

and

Nuart

Theatres

Moscow, Idaho

B. J. *Carney* and Company

**Producers of Thermal & Pressure
Teated Wood Poles Since 1915**

HOME OFFICE: 326 PEYTON BLDG., SPOKANE, WASH.

**Spokane,
Washington**

**Minneapolis,
Minnesota**

**Madera,
California**

**Denver,
Colorado**

burns-yaak river lumber company

**MANUFACTURERS & WHOLESALERS
SPOKANE, WASHINGTON**

Congratulates 1965 Graduates

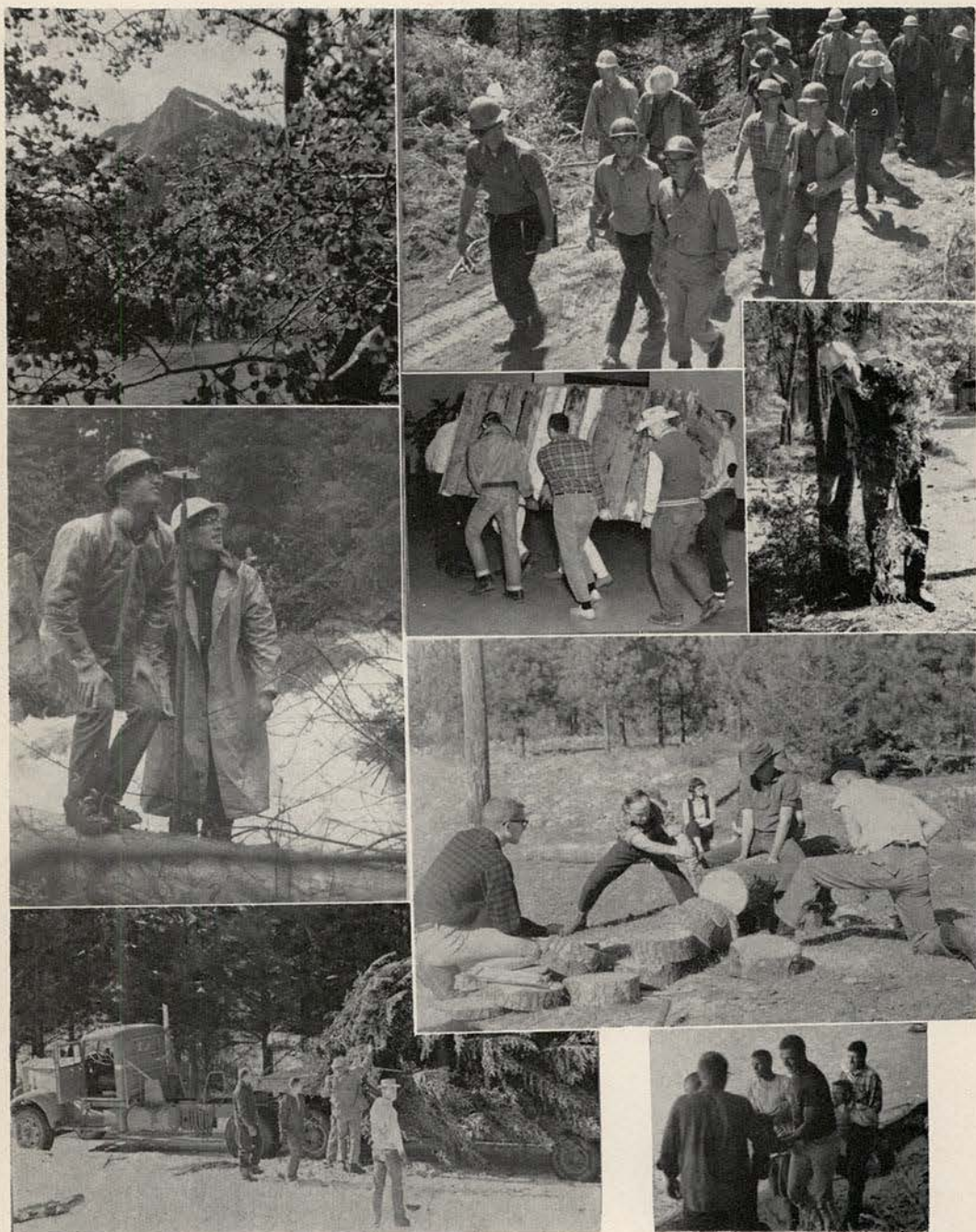
HOMELITE

**Maker of the Famous XL-12
The World's Lightest Direct Drive Chain Saw**

Factory Branch

Spokane, Washington

E. 3927 Trent



1. Jug Handle Mt. 2. Just a minute, Pappy, this 10-mile forced march is ridiculous. 3. "And the rains came down." 4. Another new dorm going up. 5. Stan studies the birds and the bees and the flowers. 6. A new world's record, 4:39. 7. X-mas tree project. 8. Mr. Johnson enjoyed the room service.

**GREEN'S
CLEANERS**

CLEANING, ALTERATIONS

TU 3-3261

616 S. Main

Moscow

—Prescriptions—

Stationery, Cosmetics,
Drugs, Drug Sundries
and Toiletries

**CARTERS
DRUG STORE**

Chas. Carter & Son
Phone 3-4561

Moscow

Idaho



DIAMOND NATIONAL CORPORATION

GROWING FOR THE FUTURE — NORTHWEST LUMBER

Albeni Falls, Idaho — Coeur d'Alene, Idaho — Superior, Montana

Robert S. Nobis

Forest Consultant
Licensed Land Surveyor

Registered Member:
Association of Consulting Foresters

916 Foster

MO 4-2015

COUER D'ALENE, IDAHO

MARVIN BURTON, OWNER

MYKLEBUST'S

3RD & MAIN
FASHION CORNER
Men's & Boys' Wear
Shoes

MOSCOW

IDAHO

Forestry Week

Bill Pickell

Spring-like weather dominated the Palouse for the Twenty-Sixth Annual Forestry Week celebration, April 26th to the 30th. Traditionally Forestry Week is proclaimed by the Governor, but this year the letter was lost. In spite of this we managed to hold a very successful Forestry Week.

Dr. Deters was holding one of his soothing silviculture lectures when sounds of screaming and giggling came echoing from the hallway. Stony Yakovac had sacrificed his silviculture lecture so he could fulfill his paternal instincts by leading the Moscow fifth-graders on a tour of the Forestry Building. Stony told them the exact age of the Ponderosa pine in the lower hall, and explained that the bald eagle in the wildlife lab was really a homing pigeon.

Besides guiding fifth-graders on Monday and Wednesday, Stony, along with Doug Bright, Carl Pence, and a few other foresters, put on an impressive but futile cross-cut versus chain saw contest on the "Ad" lawn. They worked up a sweat and made a lot of noise, but that is about all. Opposition from the other colleges on campus was hard to find; it seems that the "Education and Arts" majors are just not interested in that Paul Bunyan routine anymore.

Wednesday's symposium turned out to be an intellectual stimulus with speakers Dick Woodworth, Di-

rector, Idaho Fish and Game; Royce Cox, Managing Forester, Potlatch Forests, Inc.; Hardy Glascock, Forestry Advisor, Western Forestry and Conservation Assoc.; and Gerald Pelton, Western Regional Director, National Recreation Association, as the participants. Each speaker led a discussion group on a different aspect of "Forestry for Society," our theme for Forestry Week. The student participation was excellent compared with past years and it is likely that this type of panel discussion symposium will be held again.

The annual Forester's Banquet, held Thursday evening, was highlighted by Bill Moshofsky, Assistant to the President of Georgia Pacific, who talked on "Society for Forestry." The meal was delicious, entertainment entertaining, and the evening classified as very enjoyable.

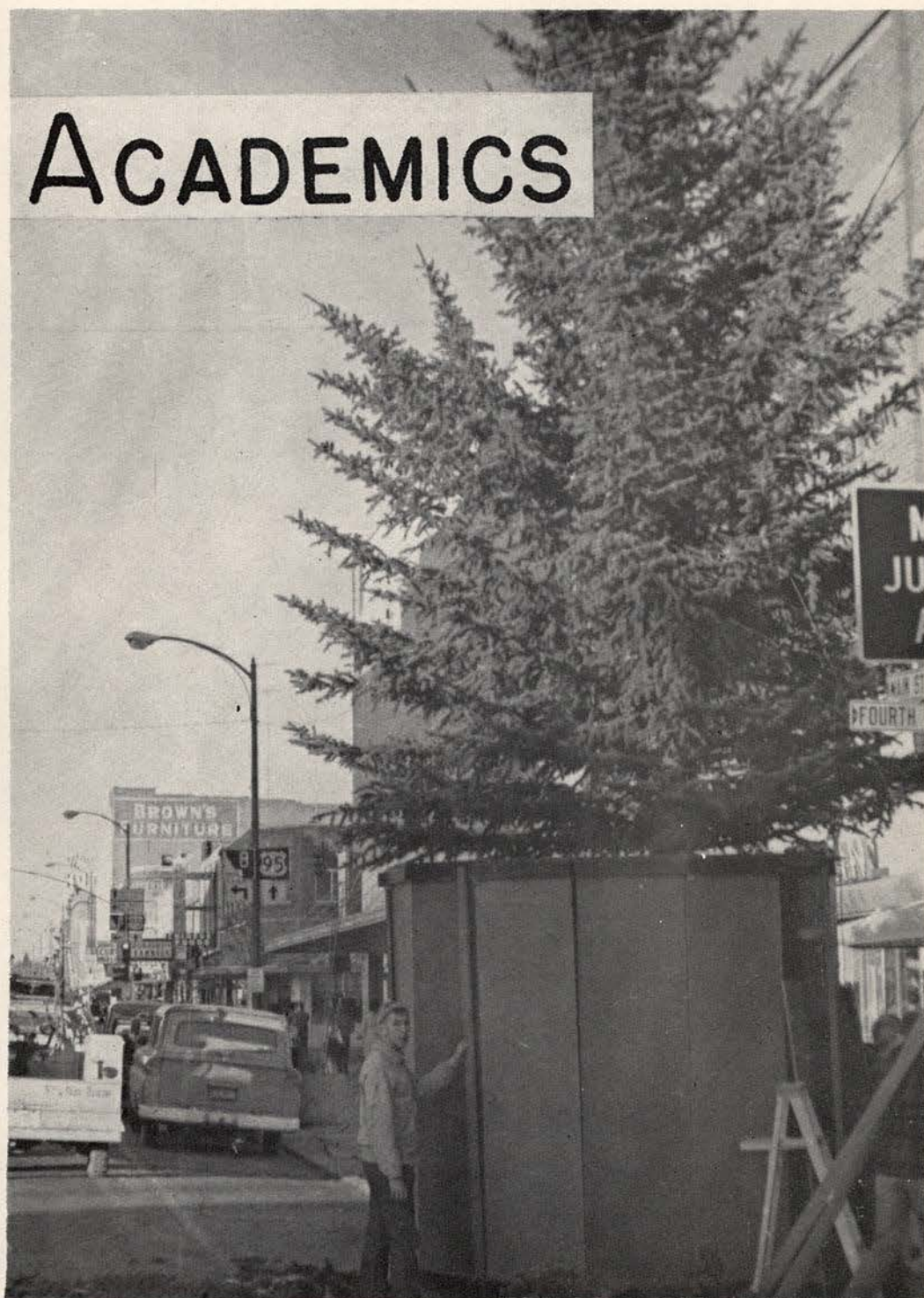
The skies threatened rain Friday afternoon as approximately 35 Forestry students piled into cars and trucks for the ride to McCroskey State Park near Oakesdale, Washington. The project—plant 8,000 trees before evening and have a good time doing it. By 7 p.m. all but 200 of the trees had been planted and the crew was heading back to town to celebrate (Mort's perhaps?).

In all, Forestry Week was a resounding success, due primarily to hard work on the part of a few students. However, when strings needed pulling our faculty advisors and other members of the staff of the College of Forestry were very cooperative. We'd like to thank all these people for their help in making our week meaningful for the State of Idaho.



A meeting of the Presidents: Al Kyle, Mr. Moshofsky, Carl Pence, and Dean Huber.

ACADEMICS



Senior Class



DONALD ALEXANDER. (Wood Tech.) Alex comes from Coeur d'Alene. He is a member of Xi Sigma Phi, and the Vandal Flying Club. He hopes to receive a master degree and perhaps even a Ph. D. Don attended North Idaho Junior College before attending Idaho. He enjoys skiing, hunting, and flying.

GEORGE L. BARD. (Forest Mgt.) George is from Chagrin Falls, Ohio. He is a member of Assoc. Foresters, amateur radio club, and the Army R.O.T.C. drill team. Hobbies include radio, hi-fi, and auto mechanics work. Previous work has been with the Ohio State Dept. of Nat. Resources, and the Clearwater N. F.



WILLIAM G. BOYES. (Forest Mgt.) Bill is a native of Huron, South Dakota. He transferred to Idaho from S. Dakota State College. He is a member of SAF and Assoc. Foresters. His past three summers have been spent working for the USFS. In his spare time he enjoys hunting but doesn't specify what.

HAROLD M. BRACKEBUSCH. (Forest Bus.) Brack calls Bonners Ferry home. His hobbies are outdoor sports and reading. He has served four summers with the USFS and hopes to work for PFI after graduation. His future ambitions include management of a private forest product company.



CHARLES D. BUFFINGTON. (Wildlife Mgt.) Buz comes from Twin Falls, Idaho. He is a member of Kappa Sigma, I.K.'s, and the Wildlife Society. His hobbies include hunting, fishing, and skiing. His ambition is to be a good game manager.

ROGER C. BROWN. (Forest Mgt.) Clay hails from Potlatch. He is a member of the Assoc. Foresters, and claims to his credit as being the top Forester at the 1964 picnic. Clay's ambition is to work for the Forest Service after graduation.



MICHAEL L. CANADY. (Foret Mgt.) Mike is from Des Moines, Iowa, and is a member of Assoc. Foresters, Theta Chi, and Canterbury club. Weight Lifting, swimming and playing the banjo are his interests. He has worked the past two summers for the USFS in California. Mike's main ambition is to graduate.

JAMES E. CARMICHAEL. (Forest Bus.) Jim is from Spokane and is credited with attending the most colleges, four counting Idaho. He lives at Delta Tau Delta, belongs to Assoc. Foresters and SAF. Jim has served two years on the Idaho Forester Staff. Interests include skiing, sky diving, and photography. Jim's ambition is to do good in whatever he undertakes.

GENE L. CHRISTENSON. (Wildlife Mgt.) Gene is from Sparta, Wisconsin, and is a member of Assoc. Foresters and Xi Sigma Pi. He lists cars, skiing, and archery as hobbies. His ambition is to be a computer programmer.

DAVID R. COX. (Forest Bus. Mgt.) From Lewiston, Idaho., Dave appropriately served as treasurer of the Assoc. Foresters this past year. He is a member of Theta Chi and Xi Sigma Pi fraternities. Hobbies include fishing, hunting and reading. Dave has spent two summers with PFI and the USFS.

LARRY L. DANIELS. (Range Mgt.) Larry comes from Weiser and is a member of Farmhouse, Am. Soc. of Range Mgt., and Assoc. Foresters. His past four summers have been spent working on the Payette Nat. Forest. His ambition is permanent employment with the USFS.

DANIEL L. DEAN. (Forest Mgt.) Dan is a transfer student from N.I.J.C. and calls Priest River, Idaho his home. He is a member of SAF, The American Society of Range Management, Phi Theta Kappa, and has served as secretary of Assoc. Foresters. His previous work has been in private logging and with the Idaho State Forestry Dept. Dan received one of the Crown Zellerbach scholarships this year, and also the Xi Sigma Pi Award.

JAMES W. DEPREE (Forest Mgt.) Jim is an indigenous species of the Moscow area. He is a member of Sigma Chi, Phi Eta Sigma, and Xi Sigma Pi fraternities. During the summer months, Jim has worked for the USFS and BLM. The USAF plans to utilize his talents after graduation where he hopes to study meteorology. His other interests are photography, fishing, and hiking.

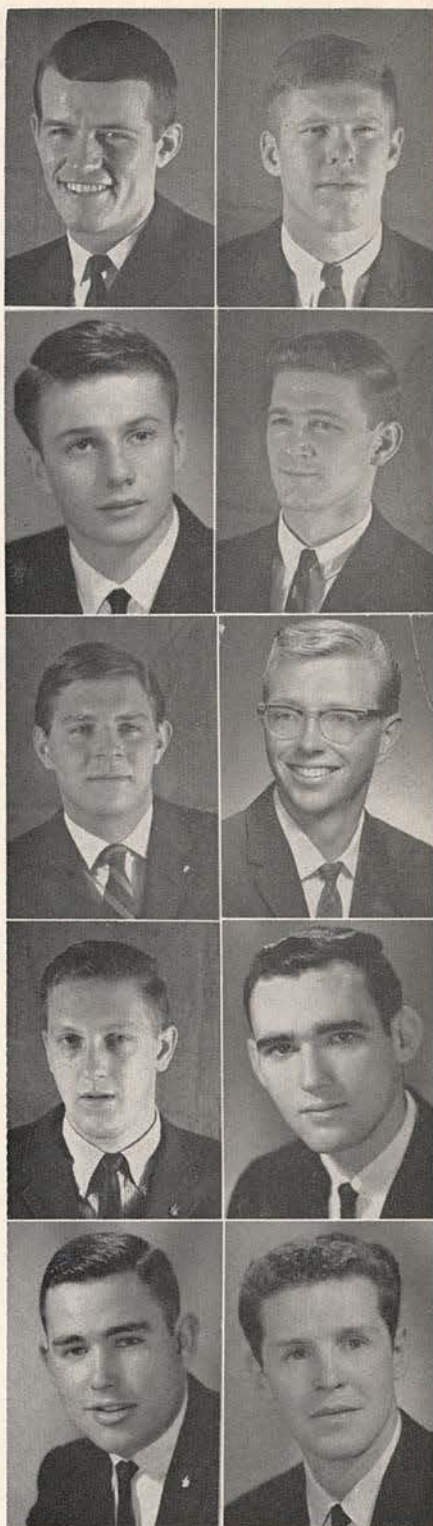
MILTON K. EBERHARD. (Wildlife Mgt.) Kirk calls Blackfoot, Idaho, home. He is a member of Delta Chi, American Fisheries Soc. IK's, and the Wildlife Soc. He enjoys hunting, fishing, and taxidermy. Kirk has previously worked for the Idaho Fish and Game. He plans to return to school after graduation and get his masters degree.

CHARLES H. EDWARDS III. (Forest Mgt.) Chuck migrates north from Oakland, California. He attended Oakland City College before coming to Idaho. He hopes to become a licensed surveyor and plans to work for the Southern Pacific R.R. after graduation.

LARRY A. DREW. (Forest Mgt.) Larry calls Sierra Vista, Arizona, home. He is a member of Xi Sigma Pi, Phi Sigma Society and Assoc. Foresters. His hobbies include fishing, hunting, and photography. After graduation Larry plans to begin work on his masters, and hopes to get his Ph. D. someday.

RAYMOND W. FROST. (Forest Mgt.) "Frosty" comes from Walla Walla and is a member of Assoc. Foresters, Xi Sigma Pi, and SAF. His past three summers have been spent in Region 6 with USFS. His spare time is spent hunting, fishing, and waxing his car. He is also an avid supporter of Mort's Club.

CRAIG W. GARLAND. (Range Mgt.) Craig runs a course from Johnstown, North Dakota, and attended the U. of N. D. before attending Idaho. Craig is a member of the American Society of Range Management. Hunting, fishing, and skin diving are his interests. His past four summers have been spent with the BLM and the USFS. He plans to take a June "Bride."





ROBERT K. GLOVER. (Forest Mgt.) Keith comes from Nampa, Idaho, and is a member of the Assoc. Foresters, Ph. Kappa Tau, and SAF. Keith has been a good hand, helping with the Foresters Ball, and the Christmas tree project. He is married and has worked the past four summers for the USFS.

PAUL J. GRAVELLE. (Forest Mgt.) Paul comes from Dayton, Ohio, and is active in Assoc. Foresters, Xi Sigma Pi, and Newman Club. His hobbies include archery, hunting, and swimming. Paul is in the Navy program and hopes to travel around the world after graduation. Paul received one of the two Crown Zellerbach Scholarships given each year.



JOHN W. GRAY. (Forest Mgt.) Willy hails from San Diego and is active in Sigma Phi Epsilon, SAF, and AFA. Before coming to Idaho he attended San Diego Jr. College and San Diego State College. Inhalation of spirited malt ranks tops in Willy's interests.

GERALD H. GROVE. (Forest Mgt.) Jerry comes from Kamiah and lives off campus with his wife. He is a member of the Assoc. Foresters and his hobbies include hunting and fishing. He has worked the past three summers for the USFS.



WILLIAM S. HAAG. (Forest Mgt.) Bill hails from North Wales, Pa. and attended Michigan College of Mining and Tech. before transferring to Idaho. His ambitions in life are to eliminate right triangles in Forest Management and to work for private industry.

DARWIN HARMS. (Forest Mgt.) Dar is from Nampa, and attended BJC 2 years before coming to the U. of I. He is a member of Xi Sigma Pi, SAF, and served as ranger for the Assoc. Foresters. Interests include fishing, hunting, and being a jet pilot. His last three summers have been spent with the BLM and the Idaho State Forestry Dept.



JOHN A. HAY. (Forest Mgt.) John is from Pierce, Idaho. His hobbies are hunting, fishing, and defying death. He has spent two summers with the USFS and one as a smokejumper with the Natl. Park Service. His ambition is to enjoy life.

CLIFFORD J. HENDERSON. (Forest Mgt.) Cliff migrated south to Idaho from Ponoka, Alberta. His past two summers have been spent in Alberta with their Forest Service and Fish and Game Branch. He is a member of the Assoc. Foresters and SAF; and enjoys fishing, hunting, shooting, and curling. He plans to work in Canada after graduation.



LEE M. HOLMER. (Range Mgt.) Lee is a Lakes State transplant from Minneapolis, Minn. In his spare time hunting, fishing, skiing, shotgun and small bore rifle shooting occupy his interests. Lee has worked three summers with the BLM and will be with them following graduation.

LEON A. HOPSON. (Forest Mgt.) Leon is the only forester graduating this year with a previous degree. He received a B.S. in Bus. Ad. from Milligan College in Tennessee. His ambition is to work in research for private industry. Hunting, fishing, hiking, pistol shooting, and Karate are his hobbies.

ALLEN W. IMGARD. (Wildlife Mgt.) Wayne comes from Twin Falls and is married. He hopes to become a wildlife biologist or a conservation officer after graduation and devote spare time to hunting, fishing, archery, and skin diving. He has worked for the BLM and USFS in Idaho. Summer camp proved to be an asset to Wayne.

GENE S. JENSEN. (Range Mgt.) Gene claims Idaho Falls as home, and before coming to Idaho he attended ISU. He is a member of Xi Sigma Pi and feels that hunting and fishing are appropriate activities for leisure hours. The past four summers have been devoted to the USFS in Boise on jobs ranging from brush crew to forestry technician.

TERRY W. KAERCHER. (Wildlife Mgt.) Terry is a married man from Castleford, Idaho. He is a member of the Assoc. Foresters and enjoys all sports, especially skin diving and trick horse riding. Terry is a Jack of All Trades and plans to go to Air Force Flight School after graduation. Someday he would like to receive a Masters and Ph. D.

DAVID C. KNUTSON. (Forest Mgt.) Dave transferred to Idaho from Calif. Polytechnic College and now calls Grangeville, Ida. home. As an active member of Assoc. Foresters he played basketball and served on the 1965 Forestry Week committee. He is also a member of SAF and the ATO fraternity. Hobbies include tennis, bowling and fishing. He has served 4 summers with the USFS.

JOHN R. KOZURA. (Forest Mgt.) Jack is from Syracuse, N.Y. and transferred to Idaho from Paul Smiths College in his home state. His hobbies include making home brew, fishing, hunting, bowling, and archery. Jack has worked for the USFS in research and as a consulting foresters aid.

GARY G. LAMBSON. (Range Mgt.) Gary comes from Mackay, Idaho and attended ISU before enrolling at the U of I. He enjoys fishing, hunting, basketball, and Forester's Jug Bands. The past five summers have been with the USFS on the Challis N.F. and his ambition is finding a wife and raising a bunch of kids.

ROBERT G. LATHROP. (Forest Mgt.) Gene hails from Dayton, Wash. and attended his home state's university in 1961-62. Interests include flying, archery, hunting and fishing. After serving his hitch with the USMC he hopes to work on a masters degree in forestry. His past 3 summers have been with the USFS on the Flathead and Umatilla NF.

CHARLES H. LOBDELL. (Wildlife Mgt.) Chuck comes from Spokane, Wash. is married, and after graduation he intends to do graduate work in wildlife ecology and someday teach at the college level. In leisure hours he enjoys hunting, fishing, and trapshooting. Previous work has been in farming, USFS, and at Hughes Electric Co.

STEPHEN F. MCCOOL. (Forest Mgt.) Steve is a transplant from Austin, Calif. and attended Santa Ana College before coming to the U of I. He served this past year as vice pres. of Assoc. Foresters, and is also a member of Xi Sigma Pi, Phi Sigma Society, and SAF. During the last 3 summers he has worked for the Bureau of Indian Affairs, and after June 13 Steve will begin graduate study in outdoor recreation.

GREGORY L. MUNTHER. (Fisheries Mgt.) Greg is from Idaho Falls, is a member of Xi Sigma Pi, and plans to continue study at Idaho for a masters in Fisheries Mgmt. Hobbies include skiing, fishing, hunting, archery and taxidermy. Past summers have been with the USFS and the Idaho Fish and Game Dept.





DENNIS G. NELSON. (Range Mgt.) Denny is from Sheldon, Iowa and is a committed navy man after graduation. He is a member of Assoc. Foresters and American Society of Range Mgmt. He enjoys water skiing, boating, and swimming. Previously, summertime has been allocated to the USFS and navy cruises.

WILBUR T. NELSON. (Forest Mgt.) "Whitey" calls Rexburg, Idaho, home, and the army, well, he served for 2 years. He hopes to do graduate study after leaving Idaho and eventually to work in research or teaching. While at school he lives off campus and partakes of hunting and fishing in his spare time.



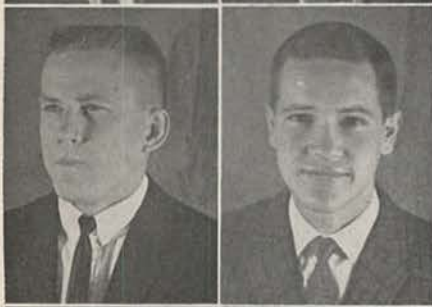
LOUIS B. OLASO. (Fisheries Mgt.) Louie hails from Glens Ferry, Idaho. He is married and has one child. His past four summers have been spent on the Challis National Forest where he plans to work after graduation. Louie is very interested in tropical fish and his ambition is to enter the field of commercial tropical fresh water and marine fish.

JOHN K. PARKER. (Forest Mgt.) John's hometown is Blackfoot, Idaho, and presently he lives off campus. He is a member of Delta Chi fraternity, SAF, and is very active in Assoc. Foresters. Interests include hunting, fishing, sports and making money after graduation. John has worked 3 summers for the USFS on the Gallatin NF and will probably work for the USFS after graduation.



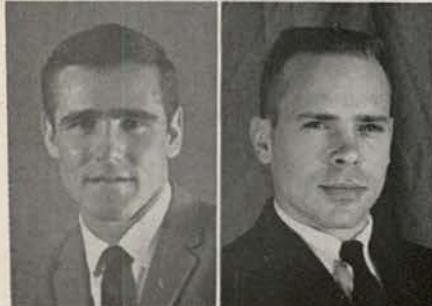
FRED C. PENCE. (Range Mgt.) Carl is from God's Country (Mackay, Idaho). He is a member of Xi Sigma Pi and American Society of Range Management. Carl has been very active in Assoc. Foresters, and served as president the past year. His past four summers have been spent with the Forest Service. Carl will be working for the BLM after graduation. He says he is never going to marry. "Ha! You tell us Carl."

GERALD J. S. PEREZ. (Wildlife Mgt.) Jerry is from Agana, Guam, and is a member of T.K.E. fraternity. In spare time he picks a wild guitar in a local band. Jerry attended the College of Guam before coming to Idaho, and following graduate work he intends to return to Guam and work for their Fish and Wildlife Service.



CHARLES H. PETERSEN. (Forest Mgt.) Chuck is from Boise, Idaho, where he attended B.J.C. before coming to Idaho. He enjoys flying, hunting, fishing and skiing. Chuck has worked for private industry and the USFS. After graduation, he will be located in Boise working for the Linde Company.

RICHARD D. PROCOPIO. (Forest Mgt.) "Cope" is from St. Maries, Idaho, he's married, and has one child. He likes to ski, hunt, and drive log trucks. Cope belongs to SAF, and Elks. After graduation he hopes to work in a mgmt. position with private industry.



JAMES E. RISCH. (Forest Mgt.) Jim migrated west from Milwaukee after 2 years of study at the University of Wisconsin. He lives in the Phi Delta Theta fraternity and is a member of Xi Sigma Pi. Hunting, fishing and skiing are his hobbies.

JAMES L. ROWLES. (Forest Mgt.) Before attending the U of I, Jim lived in Wilmerding, Pa., and spent one year at Adrian College in Mich. He enjoys Joann, hunting, fishing, and reloading, in that order. For three years he served with the Constr. Engineers in the Army, and this past summer was with the Idaho State Forestry Dept. He plans to be married after graduation and may possibly try for a Master of Forestry degree.

ROGER R. SAMSON. (Range Mgt.) Roger attended BJC in his home town of Boise, Idaho before enrolling at the University. He is a member of Assoc. Foresters, Elks, and American Society of Range Management. Hobbies include chasing honeys, skiing, guzzling, and traveling. Past summers have been with the USFS in the Boise NF.

VERNON R. SCHULZE. (Range Mgt.) Vern is from Grafton, North Dakota and transferred to Idaho after two years at the University of North Dakota. He presently lives in Lindley Hall and is a member of Xi Sigma Pi and ASRM. In his spare time, Vern likes fishing, hunting, skiing and photography. He has worked for USFS in Oregon and the BLM in Boise.

WARREN M. SCHWABEL. (Range Mgt.) "Rick" is an exotic annual from Belmont, Calif., and previously attended the College of San Mateo. He likes hunting, fishing, skin diving, surfing, and horse riding. "Rick" holds membership in the Natl. Rifle Assn. and ASRM. The past 2 summers have been with the Boise BLM and he hopes to work there after graduation.

NEAL L. SHOEMAKER. (Forest Bus. Mgt.) Neil is from Sandpoint, Idaho, and is affiliated with Sigma Nu fraternity, SAF, and Navy ROTC. He has spent three years with the USFS, and one with Walla Walla Mills Inc. After two years of Navy duty he hopes to return to a career with private industry.

JAMES H. STORDAHL. (Forest Mgt.) Jim is from Cornell, Wisc., is married and has one boy. He has attended Wisconsin State College at Eau Claire and served in the Army Reserves. He is active in Assoc. Foresters and is a member of SAF. His past four summers have been spent with the USFS.

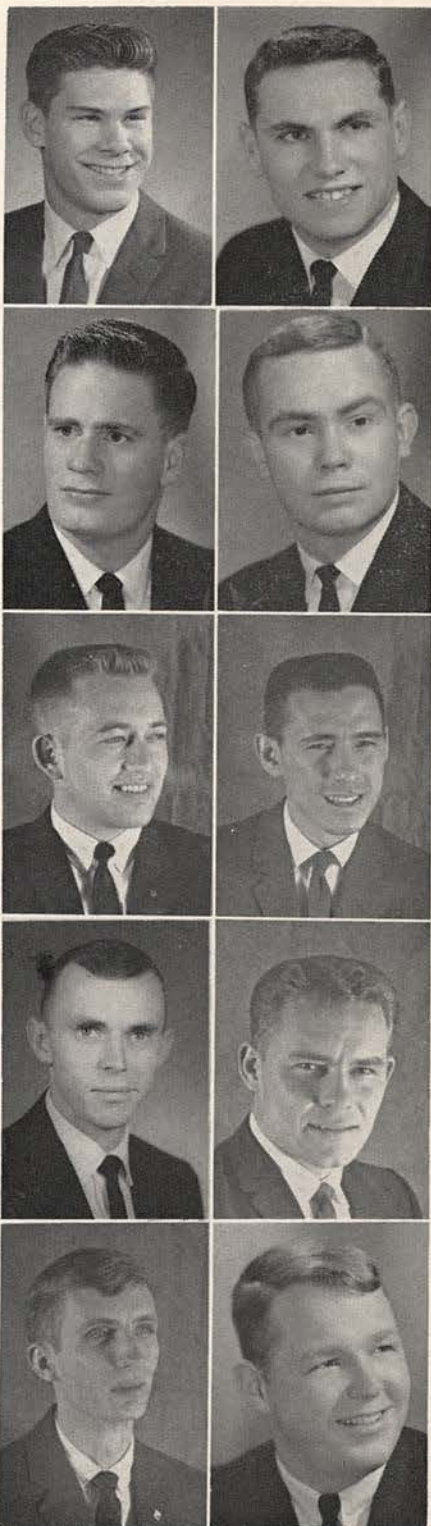
WILLIAM P. TAYLOR. (Wildlife Mgt.) Bill comes from Cheney, Washington. He is a member of Assoc. Foresters and Exec. Board of Shoup Hall. Bill has worked for the USDA, USDI, and private industry the past four summers. Bill's ambition is to play professional baseball; but before that he plans on paying a little visit to "uncle."

LYNN H. THALDORF. (Forest Mgt.) Lynn has served his scenic tour with Uncle Sam. He is from Fountain City, Wisconsin. He is a member of Assoc. Foresters, SAF, and AFA. Lynn attended Central State College before coming to Idaho. Lynn has previously worked for the USFS and wishes for a successful career in the field.

ALLEN R. THOMPSON. (Range Mgt.) Al hangs his hat in King Hill, Idaho. He is a member of Xi Sigma Pi, IK's and Assoc. Foresters. Al enjoys poker, hunting, and frivolous activities. He has worked on his dad's ranch at King Hill, and also the BLM. He is going to return to school to work on his masters.

RUSSELL H. VANSANT. (Wood Tech.) Buzz is from Hopewell, New Jersey. He's married and has two children. He is a member of the American Chemical Soc. and the Soc. of American Foresters. Previous work has been with the USFS. He hopes to do chemical research after graduation.

KRISTIAN L. WALES. (Forest Bus. Mgt.) Kris calls Spokane home. He is a member of Assoc. Foresters, Phi Delta Theta, Scabbard and Blade, plus a score more. Kris was also M.C. at the Foresters Ball this year. After graduation he will pay a visit to Uncle Sam.





KEITH J. WALKER. (Forest Mgt.) Keith is married and the father of two children. Ketchum, Idaho, is his hometown and he attended both Humboldt State and Fullerton Jr College before transferring to Idaho. Keith has spent the last seven summers working for the USFS and his biggest ambition is to graduate.

HAROLD C. WALL. (Forest Mgt.) Jerry is married and hails from Watertown, Mass. His activities include Assoc. Foresters, and SAF. He attended Stockbridge School of Agric. before coming to Idaho. Jerry's summers have been spent working in the line of forestry in Washington and Idaho. Jerry plans to work for private industry after graduation.

REX P. WILLIAMSON. (Forest Mgt.) Rex comes from Honolulu, Hawaii, and will work for Uncle Sam after graduation. He is a member of Assoc. Foresters, SAF, and Army ROTC flying club. Two days after graduation, Rex will give up his bachelor status to marry a WSU coed.

ROBERT E. WOOD. (Forest Mgt.) Ed is an Idaho man from Lewiston. He attended Whitman College and B.J.C. before coming to the U. of I. Ed is a member of Tau Kappa Epsilon and among his hobbies he lists hunting, fishing and swimming. He has worked two summers for the State of Idaho and two summers for PFI. Ed is Editor of the Idaho Forester and plans to do graduate work in Forest Pathology at the U. of I. and get married this summer.

NOT PICTURED

ELDON H. EDMUNDSON. (Fisheries Mgt.) Butch is from Harrington, Washington. He's married and has one child. He is a member of the American Fisheries Society, and the Society of Limnology and Oceanography. Butch has a kick for Tropical fish, and hopes to become a fishery biologist.

WILLIAM L. FOSTER. (Range Mgt.) Bill comes from Severance, Kansas. He is a member of Xi Sigma Pi, Society of Am. Foresters, American Soc. of Range Mgt., and the Assoc. Foresters. Bill was very active in the Foresters, being Senior Class Representative, and getting the professional league started. He has previously worked for the S.C.S. and as summer assistant in Range Research for the U. of I. Range Dept. His ambition is to be a farmer of the rich Kansas soil.

DAVID O. MATHIS. (Forest Mgt.) "Mat" comes from Salmon, Idaho and is married to a good looking telephone operator. He is a member of Assoc. Foresters, SAF, and a delegate to the 1964 AWFC conclave, and spearheaded the cord wood project. Interests are hunting, fishing and photography. Previously, he attended BJC and worked for the USFS. He will be working on the Payette NF after graduation.

SCOTT W. OLSON. (Wildlife Mgt.) Scott is from Ogden, Utah, and attended Weber State College before coming to Idaho. He is a member of Kappa Sigma Fraternity and enjoys hunting, skiing, and golfing in his spare time. His ambition is to enjoy his work and be a success.

RATHAUS Pizza Shoppe

COLD BEVERAGES
26 VARIETIES OF PIZZA

215 N. Main St.

Moscow

TUU 3-5881



MARVIN BURTON, OWNER

MOSCOW HOTEL

Rooms With TV
Restaurant
Garden Lounge
Coffee Shop
Banquet Rooms

Centrally Located in
Downtown Moscow

4th and Main Phone TU 2-1121
Phone TU 2-1147 623 S. Main

MARK of the MODERN
TREE MARKER!

**SAVES TIME!
CUTS COST!**



**NEL-SPOT D-103
HAND GUN**

Attaches direct to Nelson quart of paint. No straining — no transferring of paint — no daily cleaning.

FOR BETTER
TREE MARKING
LOOK TO NELSON
FOR LEADERSHIP

THE NELSON PAINT COMPANY
THREE PLANTS TO SERVE YOU

Box 349, Iron Mountain, Michigan • Box 1892, Montgomery, Alabama • Box 402, McMinnville, Oregon

- ★ A complete line of college textbooks, both used and new.
- ★ Special orders on all new technical publications are promptly filled.
- ★ Drafting equipment is our specialty.
- ★ Through friendly contacts our facilities have been increased for your convenience.
- ★ Courteous and prompt service is always yours.
- ★ Greeting cards.

UNIVERSITY STUDENT BOOKSTORE

Juniors



Front row, left to right: Chad McGrath, Jim Glencross, Ignatious Ezah. Second row: Fred Chugg, Howard Wallace, Lloyd Briscoe, Ed Meyers, Stan Anderson. Third row: Paul Mann, Roy Garten, Bennie Hobbs, Lee Books. Fourth row: Stony Yakovac, Vern Sutton, unknown, Doug New, Bill Pickell, Monte Fender, Dave Hanks.

Spokane Machinery Co.

E. 3730 Trent Ph. KE 5-1576
P. O. Box 4306 Station B

DISTON KNIVES, SAWS
& PRODUCTS
HEWITT ROBINS CHAINS
CONVEYOR EQUIPMENT
SAWMILL SUPPLIES



Sophomores



From left to right, front row: Ed Golding, Jerry Reese, Dennis Farnsworth, Pat Costales, Gilbert Lance, John Lawson, Mike Dewey, Dean Aggers. Second row: Dave Disselbrett, Fred Funk, Dave Shriner, Tom Staab, Leslie Betts, Nancy Nelson, Jon Moore, Doug Basford. Everybody else: Larry Fryberg, Clarence Lage, Tom Pageler, Bill Parr, Jon Wellner, Jim Thompson, Dave Mellin, Jerry Lorenz, Elvin Bolton, Pat O'Connor, Bob Owen, Jim Rickerd, Ed Gheen, Jim Clute, Dave Flickinger, Jim Rickerd Renner, John Bruning.

HI-WAY HOUSE

PULLMAN ROAD

"HOME OF THE
VANDALBURGER"

MOSCOW

IDAHO

*Congratulations,
Forestry Graduates
Class of 1965*

L. D. McFarland Co.

SANDPOINT, IDAHO

WESTERN RED CEDAR—
LARCH—FIR AND
PINE POLES

**Moscow
Body & Glass
Shop**

All Types
Auto Glass

207 N. Main

Body &
Fender
Repairing &
Refinishing

TU 2-1331

**Bill's Phillips '66'
Service**

Guaranteed

Phil-Check Lubrication
U-Haul Trailers & Trucks

BILL H. BREEN, Owner

205 N. Main

TU 2-9661

ATLAS TIE CO.

COEUR D'ALENE, IDAHO
EXTENDS

**CONGRATULATIONS TO
GRADUATING SENIORS**

P. O. Box 1030

CONSERVATION - FULL UTILIZATION

Potlatch Forests

a fully integrated forest products producer —

from scientifically managed timberlands to

lumber, wood specialties, paper board, pulp

fine paper and paper specialties, and containers

POTLATCH FORESTS, INC.

GENERAL OFFICES, LEWISTON, IDAHO



*symbol
of quality
since 1906*

Freshmen



From left to right, row one: Barbara Razdoroff, Bill Murphy, Gary Queener, Dave Knapp, Rick Sietters, unknown, Nathan Leigh. Row two: Bob Smith, Wayne DeWitt, Fred Funk, John Sherriks, Gary Leymaster, Phil Erickson, Steve Bofenkamp, Richard Schaefer, Leroy Laine, Jim Theimens. Row three: Ron Randall, Bill Berrigan, Bob Becher, unknown, Jan Harms, Art Small, Brad Johnson, Jon Anderson. Row four: Pat O'Connor, Ron Grotjan, John Specht, John Palmer, Don Weatherhead, Harvey Chandler, Rick Erickson, John Sutrick, Joel Ford, Bob Rarick.

Secretaries



Sylvia Imgard, Francis Bailey, Francis Taylor, Margaret Nussbaum, Judy Copeland.

BILL'S TEXACO
Texaco Products

Main & C
Open 24 Hours

Moscow

Idaho

ST. MARIES
Plywood Company

ST. MARIES, IDAHO

DeArmond-Joyner
Lumber Co.

911 RIVER AVE.
COEUR d'ALENE, IDAHO

DOUGLAS M. STELLMON
Special Agent For
THE NORTHWESTERN MUTUAL
FIRE INSURANCE COMPANY—
MILWAUKEE
Bus.: P. O. Box 1197
Coeur d'Alene, Idaho
Res.: 5211 N. 15th Street
Phone SP 2-3220

APPLY MAXIMUM MULTIPLE USE

MORT'S CLUB
***For Recreation*★**

★ Approved by Willie Gray

Best Beer
in Town

Free Peanuts
Every Tuesday

JOSLYN MFG. & SUPPLY CO.
CEDAR DIVISION

WESTERN RED CEDAR POLES

Yards & Treating Plants at
SANDPOINT & BOVILL, IDAHO

ASSOCIATED FORESTER . . .

found that not everyone reads the bulletin boards or possesses the initiative to ask the appropriate individuals, and find out what is going on. One solution to this problem would be a periodic newsletter. The club can be grateful to the ambitious few that participated in this year's activities, making the club the success it was.

Thanks is here extended to our club advisors, Professors "Lonnie" Williams, Howard Alden, and Min Hironaka. These men gave us many good ideas besides contributing much toward the organization and direction of our many activities. We graduating officers and members are grateful to the Foresters who did participate in the activities, and especially wish next year's club luck when they become AFWC conclave host.



AWFC conclave: Left—Stony's stud-fast dedication. Right—Carl had beans for breakfast!

Honors and Awards

Alexander, Don—Coeur d'Alene	Forest Clinic Foundation Scholarship
Ames, George—Washington, D. C.	St. Regis Northwest Undergraduate
Bergquist, Jon—Amery, Wisconsin	North Idaho Forestry Association
	Out-of-state Tuition Scholarship
Betts, Leslie—Tacoma, Washington	General University Scholarship
Christenson, Gene—Sparta, Wisconsin	Out-of-state Tuition Scholarship
Clemets, Martin—Smelterville, Idaho	Smelterville Lions Club Award
Costales, Patrick—Waimea, Hawaii	Out-of-state Tuition Scholarship
Dean, Dan—Priest River, Idaho	Crown Zellerbach Scholarship
	Xi Sigma Pi Outstanding Senior
Dickison, James—Moyie Springs, Idaho	Boundary County Scholarship
Drew, Larry—Ft. Huachuca, Arizona	Out-of-state Tuition Scholarship
Eze, Ignatius—Liberia, Africa	U. S. Dept. of Ag. A.I.D. Program Award
Gouley, Thomas—Shelton, Washington	Bureau of Indian Affairs Award
Gravelle, Paul—Dayton, Ohio	Crown Zellerbach Scholarship
Henderson, Clifford—LaCombe, Alberta	Government of Alberta Award
Hufnagel, Karl—Dumont, New Jersey	North Jersey Contractors Association
Johnson, Charles—Mullica Hill, N. J.	New Jersey State Scholarship Commission
Johnson, Keith—Metuchen, New Jersey	'64-'65 Crown Zellerbach Scholarship
Kemp, William—Spokane, Washington	Out-of-state Tuition Scholarship
Liddell, Russell—Redondo Beach, Calif.	Garden Club of Redondo Beach Award
Maki, Richard—Spring Valley, Calif.	Out-of-state Tuition Scholarship
Martin, Terry—Nampa, Idaho	Potlatch Forests Foundation
Moore, Russ—Wendell, Idaho	'64-'65 Crown Zellerbach Scholarship
Palermino, Richard—Wakefield, Mass.	Italian-American Charitable Society Award
	Out-of-state Tuition Scholarship
Pence, Carl—McKay, Idaho	American Society of Range Management
Perez, Gerald—Tamuning, Guam	Government of Guam Award
Peterson, LeRoy—Sturdevant, Wisconsin	Out-of-state Tuition Scholarship
Redetzke, Keith—Granite Falls, Minn.	Out-of-state Tuition Scholarship
Risch, Jim—Milwaukee, Wisconsin	Out-of-state Tuition Scholarship
Thomas, James—Bovill, Idaho	Potlatch Forests Foundation
Wellner, Jon—Ogden, Utah	Edwin and Esther Rettig Award
	Out-of-state Tuition Scholarship
Wilson, Dennis—Hopewell, New Jersey	Out-of-state Tuition Scholarship
Wood, Robert—Lewiston, Idaho	Potlatch Forests Foundation

Graduate Students

Jim Gosz



Front row, left to right: Harold Gladfelter, Zafar Uddin, Lee McConnell, Harold McEwen, Jay McKendrick. Second row: Dick Lantz, Tou Chen, Don Hauxwell, Lew Kuennen, Ed Schlatterer. Back row: Keith Guenther, Jess Daniels, Jim Kasper, Pat Marcusun, Don Klebenow, Wayne Burkhardt.

Doctoral Candidates

TOU CHEN is working for his Ph.D. in Forest Pathology and is in the process of writing his thesis on the physiology of *Echinodontium tinctorium*.

Long, tall, carefree RALPH COLBERG, a second year graduate student in Forest Economics, is studying the application of linear programming techniques to forest-regulation decisions.

DONALD COPES is in the process of writing his thesis for a degree in Forest Genetics. He studied the inheritance of compatibility in grafting of Douglas-fir.

JESS DANIELS, a first floor man, is presently working on a M.F. degree but expects to obtain a doctorate in Forest Genetics. He will be investigating a suspected hybrid population of grand fir to find the source of unusual morphological variation. Anyone finding any nitrogen floating around please report to JAMES GOSZ who is studying the sources of nitrogen in precipitation. Jim is working on his doctorate in Silviculture.

RICHARD GOYER is one of those entomologists. He is studying the parasite complex of the cone moth with emphasis on rates of parasitism, biology, and ecology of important parasite species.

KEITH GUENTHER has not started a project but intends to receive his degree in Wildlife Management.

JOHN HEIMER, more commonly known as T-Falls, is studying supplemental Dolly Varden spawning areas for his degree in Fisheries Management.

NORMAN HOUSE is another fisheries student and started his research during the second semester. He is studying the interrelationships of fishes of the upper Coeur d'Alene River and contiguous lakes to determine abundance, distribution, age, growth and behavior of principle fishes.

DONALD HAUXWELL, a Forest Soils major, is studying the drought resistance of ponderosa pine seedlings as affected by mineral nutrition.

DONALD KLEBENOW likes to be known as a student of the sage chickens and practices frequently. He is studying the habitat of sage grouse in southern Idaho.

RICHARD LANTZ is a first year graduate student who plans to receive his degree in Wildlife Management. He will be studying elk forage production, utilization, and cover use relative to forest successions in northern Idaho.

ABU HAMED RAHMEN has a M.S. degree and is preparing for his doctorate in Forest Genetics. He has not started a project as yet.

EDWARD SCHLATTERER, another student of the sage chickens, received an M.S. degree at Idaho, and is presently working toward a doctorate in Range Management. He will be studying the ecology of sagebrush-grass associations in Idaho.

Masters Candidates

DUANE ANDREWS, always closest to the coffee pot, is doing research in Range Management on seedling establishment of saltsage along with clipping and life history studies.

WAYNE BURKHARDT and his motorcycle have started graduate work this semester in Range Management on the distributional factors of juniper and sagebrush in Owyhee County, Idaho.

JERRY DAVIS, a new father, is presently doing field work on his study of the mule deer in Cassia County, Idaho.

LEE GLADFELTER plans to receive his degree in Wildlife Management studying the nocturnal behavior of white-tailed deer in the Hatter Creek Enclosure. Sleep well Lee.

JAMES KASPER is a new graduate student rising from the ranks of the pathologists to wood technology. He is studying organic compounds in coldwater extracts of grand fir heartwood.

JAMES KEATING, plans on a degree in Fisheries Management, and is studying the effects of Snake River impoundments on Smallmouth Bass.

LOUIS KUENNEN, a new graduate student majoring in Forest Soils, is working toward an M.F. degree. PATRICK MARCUSON is another fisheries student. Also new this year, Pat is conducting a limnological survey which will later be analyzed in conjunction with Norman House's

study.

LEE McCONNEL, our furthest commuter, is planning on receiving his degree in Forest Soils, and is studying root growth in coniferous seedlings by the use of radioisotopes.

HAROLD McEWEN is more commonly known as Pebbles, a soils term used in rock classification. He is in the process of writing his thesis on the seedling survival of Douglas-fir.

JAY DEE McKENDRICK, a Range student, is studying a 100 year evaluation of crested wheatgrass seedlings in southern Idaho with emphasis on production and soil evaluation.

JOHN ORMISTON is a graduate in Wildlife Management. Ormy is presently in the field studying habits and habitat of mountain quail.

CHARLES SARTWELL, another of those entomologists, will complete his course work this spring. The subject of his thesis is the slash conditions influencing build-up of pine ips population in ponderosa pine thinning slash.

ZAFAR UDDIN, from Pakistan, is working on a M.F. degree majoring in Range Management.

JOHN WOO is studying for his degree in Forest Pathology. He is investigating tar spot of big-leaf maple.

MICHAEL WRIGHT is a new graduate student this year in Forest Recreation. Mike has not started a project yet.

Johnny's Market

Moscow, Idaho
West 3rd Street

CONVENIENT
FRIENDLY
SERVICE
TU 2-1185

Free Daily Delivery

PLANTS & FLOWERS
CORSAGES & GIFTS
FOR EVERY OCCASION

Moscow Florists & Gifts

TU 2-1155

122 West Sixth

CREIGHTONS, Inc.

211 South Main St.
Moscow

CLOTHIERS SINCE 1890

MURPHY'S

MEN'S APPAREL
309 S. Main

MOSCOW

IDAHO

NEELY'S Travel Service

TU 2-1282

TU 3-9771

Owl Drug Store

Rexall Store

DRUGS — FOUNTAIN
PRESCRIPTIONS

TU 3-6771

Photography By RUDY

Moscow's Finest
Service and Quality

SPRUCE TAVERN

Home of the Famous
SPRUCEBURGER
Always Cold Beer To Go
OLYMPIA ON TAP

Guy & Millie DeVorey
521 S. Main Ph. TU 2-9981
Moscow Idaho

Dean's Honor List

SPRING, '63

Freshmen	GPA	Times on List
Jon August Wellner	(3.83	2)
James L. Thomas	(3.53	2)
Leslie S. Betts	(3.06	2)
James M. Kraushaar	(3.06	2)

Juniors	GPA	Times on List
LeRoy R. Petersen	(3.61	3)
Fred C. Pence	(3.60	2)
David M. Kaye	(3.375	1)
Raymond William Frost	(3.30	1)
Robert G. Lathrop	(3.29	5)
David R. Cox	(3.28	3)
Daniel L. Dean	(3.26	3)
James E. Risch	(3.26	2)
Allen R. Thompson	(3.21	5)
Stephen F. McCool	(3.19	4)
Keith A. Redetzke	(3.19	2)
Charles H. Lobdell	(3.18	2)
Gene L. Christenson	(3.15	2)
Larry A. Drew	(3.12	4)
Paul J. Gravelle	(3.06	5)
Dennis E. Norman	(3.06	1)
Harold M. Brackebusch	(3.00	1)
David C. Crnkovich	(3.00	1)
Gregory L. Munther	(3.00	3)
Gerald J. S. Perez	(3.00	1)

Sophomores	GPA	Times on List
Keith A. Johnson	(3.21	2)
Francis R. White	(3.20	1)
Douglas G. Bright	(3.19	1)
Earl R. Hutchison	(3.18	2)
Russell Thomas Moore	(3.06	3)
Richard D. Spencer	(3.00	1)

Seniors	GPA	Times on List
Dennis C. Wilson	(3.81	4)
Jon R. Bergquist	(3.67	8)
Floyd E. Hutchins	(3.625	2)
Gene S. Jensen	(3.47	2)
Laurent Taylor	(3.45	5)
Richard Loren Powers	(3.43	6)
David O. Mathis	(3.37	1)
Gary L. Pederson	(3.37	4)
William L. Foster	(3.33	3)
James O. Eubanks	(3.24	7)
Merrill S. Davis	(3.19	3)
Frederick L. Negus	(3.19	1)
Terry G. Solberg	(3.18	2)
Grant Baugh	(3.17	2)
Lyle A. Wilkinson	(3.17	2)
David R. Kimpton	(3.06	1)
Scott M. Anderson	(3.00	3)
Douglas A. Bishop	(3.00	1)
Edward D. Hansen	(3.00	4)
Floyd B. Heiser	(3.00	4)
David C. Knutson	(3.00	1)
James J. Rosenthal	(3.00	3)
Kristian L. Wales	(3.00	1)
George R. Wilson	(3.00	1)

FALL, '63-'64

Freshmen	GPA	Times on List
Richard J. Palermino	(4.00	1)
Thomas N. Turco	(3.63	1)
William J. Kemp	(3.29	1)
Robert C. Becker, Jr.	(3.12	1)

Juniors	GPA	Times on List
Russell T. Moore	(3.61	4)
Allan D. Kyle	(3.35	1)
Keith A. Johnson	(3.33	3)
Kenneth B. Schuster	(3.20	1)
George F. Ames	(3.16	3)
Earl R. Hutchison	(3.12	3)
James L. Thomas	(3.06	3)

Sophomores	GPA	Times on List
Jon A. Wellner	(3.74	3)
Patrick G. Costales	(3.69	1)
Stephen L. Calhoun	(3.19	1)
Jerry C. Walker	(3.12	1)
Edward J. Golding	(3.06	1)

Seniors	GPA	Times on List
Keith A. Redetzke	(3.88	3)
James E. Risch	(3.84	3)
James W. DePree	(3.80	7)
Larry A. Drew	(3.68	5)
Lyle A. Wilkinson	(3.60	3)
Richard L. Maki	(3.58	1)
Gene L. Christensen	(3.58	3)
Paul J. Gravelle	(3.39	6)
Gregory L. Munther	(3.37	4)
Charles H. Lobdell	(3.33	3)
Raymond W. Frost	(3.32	2)
Robert E. Wood	(3.30	3)
Dean W. Johnson	(3.27	2)
Wilbur T. Nelson	(3.25	1)
David R. Cox	(3.25	4)
Gerald J. S. Perez	(3.20	2)
Douglas A. Bishop	(3.20	2)
John A. Hay	(3.18	2)
James E. Carmichael	(3.17	1)
Louis B. Olaso	(3.13	1)
David C. Knutson	(3.13	2)
LeRoy R. Petersen	(3.00	4)
Fred C. Pence	(3.00	3)
David O. Mathis	(3.00	2)
Terry W. Kaercher	(3.00	1)
Milton K. Eberhard	(3.00	1)



Faculty

DEAN

Ernest Wohletz
(On Sabbatical Leave)
M.S. Cal.



Prof. H. Alden
Recreation
Policy
M.S. Maine



Mr. V. Burlison
Extension Forester
M.S. (For.) Idaho



Dr. D. Chapman
Fisheries Unit
Ph.D. Oregon State



Dr. P. Dalke
Leader, Idaho Coop.
Research Unit
Ph.D. Michigan



Mr. J. Daniels
Acting Lecturer
B.S. (For.)
Montana State



Dr. M. Deters
Silviculture
Forest Management
Ph.D. Minnesota



Dr. R. Giles
Wildlife Management
Ph.D. Ohio State



Dr. M. Hironaka
Range Management
Ph.D. Wisconsin



Prof. A. Hofstrand
Wood Utilization
M.S. (For.) Idaho



Prof. J. Howe
Wood Utilization
M.S. Yale



Dr. K. Hungerford
Wildlife Management
Ph.D. Michigan



Prof. F. Johnson
Watershed
Dendrology
M.S. (For.) Idaho



Dr. H. Lowenstein
Soils
Ph.D. Wisconsin



Dr. C. MacPhee
Fisheries Management
Ph.D. Washington



Dr. A. Partridge
Forest Pathology
Ph.D. New Hampshire



Prof. F. Pitkin
Forest Nursery
M.F. Idaho



Mr. R. Ruelle
Fisheries Unit
M.S. South Dakota
State



Dr. J. Schenk
Entomology
Ph.D. Wisconsin



Prof. R. Seale
Economics
Mensuration
M.S. (For.) Idaho



Prof. L. Sharp
Range Management
M.S. Utah State



Mr. R. Thompson
Fisheries Unit
M.S. Michigan State



Dr. E. Tisdale
Range Management
Acting Dean
Ph.D. Minnesota



Dr. C. Wang
Genetics
Ph.D. Harvard



Mr. L. Williams
Economics
M.S. (For.) Idaho

