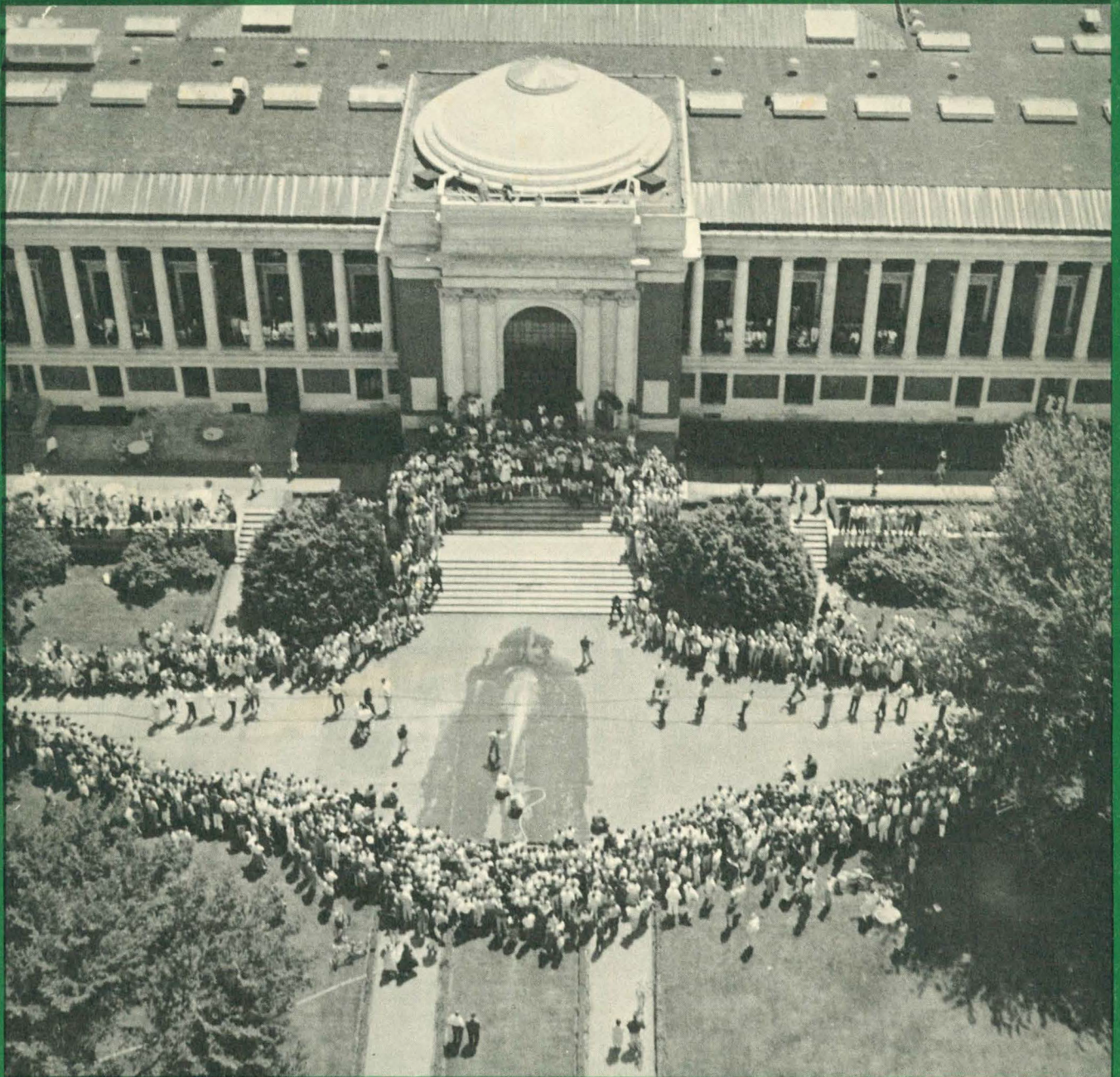


ANNUAL CRUISE

1959



Lee O. Hunt

COVER — Aerial photo of the third annual Forester-Football Tug-O-War. The picture was taken just before the Foresters won for the third straight year. Picture by Bob Irwin.

ANNUAL CRUISE

1959

**Publication
of
Oregon State College
FORESTRY CLUB**



DEDICATION



It is with the utmost pride and sincerity that this 1959 edition of the "Annual Cruise" is dedicated to a most devoted and deserving person—Warren R. (Casey) Randall, assistant professor of Forest Management at Oregon State College.

"Casey" was born in Watertown, South Dakota. Upon completing high school, "Casey" began his study of forestry at South Dakota State College in Sept. of 1937. After completing two years of study at South Dakota State College, he transferred to the University of Idaho, where he received his B.S.F. degree in 1943. At this time, Casey's college career was briefly interrupted by a two year hitch in the U.S. Army Corps of Engineers. However, upon discharge he resumed his study at the University of Idaho, and he received his M.S.F. from that institution in June of 1947.

Then, in Sept. of 1947, Casey took a leave from his teaching duties, while he did one year of resi-

dent study at Duke University. Upon completing this work, Casey returned to Oregon State where he has been since.

During the time Casey has been here at Oregon State, he has taught such subjects as General Forestry, Mensuration: Timber Growth, Forest Recreation, and Tree Identification. Casey is the author of the text presently being used in Tree Identification. As a professor, Casey is cheerful, friendly, and very straight forward in his teaching methods. In addition, Casey has a superior knowledge of all subjects which he teaches.

Regardless of the many other tasks which Casey is constantly confronted with, he never fails to put the student's needs above all else. It is in appreciation of this ever present interest that the class of '59 takes pride in dedicating this volume of the Annual Cruise to one of the most popular members of our faculty—"Casey" Randall.



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MAC'S MESSAGE

In the early days of western woods operations the only problem was how to get more logs out of the woods. The answer was easy—more loggers, more skidroads, more oyer. Today, with the increasing complexity of society, industry, and technology, all forestry problems are difficult, there are no easy answers. Rigorous research is required. In forestry there is particularly pressing need for fundamental research, because the supply of basic forestry information is almost exhausted. Before we can make progress with applied research on everyday problems, the supply of underlying basic facts must be renewed. This is a major purpose of the research program in the School of Forestry, now operating as the Forest Research Division of the Agricultural Experiment Station. The College is particularly well equipped with the personnel and

Research in the Northwest is still new. The first scientific inquiry at Oregon State College, in 1873, investigated the productivity of clay soils and Yaquina Bay marl. The first forest research in the Northwest is still newer, dating back to 1902-03 when E. T. Allen studied western hemlock and Douglas-fir. In 1910 permanent sample plots in the vicinity of Oakridge were established by Thornton T. Munger, working out of the Portland district office of the Forest Service. Scientific inquiry in forestry is obviously of recent vintage here. This is all to the good. We are not shackled by tradition; fortunately we can pursue any investigation unhampered by the dictate that "grandfather did it this way."

Rapid development in the West makes forest research a vital necessity. Productive forest land is decreased through reservoirs, power lines, super-highways and real estate additions; suburban development forces timber off the accessible better sites back into the less productive hills; and the belligerent intent of all citizens to distribute their taxes to others, brings about inequitable forest taxation, and liquidation of timberlands. Within the forests, endemic insects suddenly become hungry and new diseases arise to plague us. We have not yet learned how to reforest ecologically critical sites, nor how to produce a prodigiously better tree. We have not attained economic utilization of all leftovers, particularly in small manufacturing plants; and there is great need for product development at all stages of manufacture. These merely illustrate some of the obstacles to effective forestry. They force the timber owner to rely on research to provide better, cheaper, faster crops of timber while maintaining unimpaired the accessory forest values. We now know pretty well what we ought to know, but as yet lack men and money for a thorough attack on the problems.

The present lack of forestry knowledge is not a cause for despair, but a spur to better research. The wholehearted collaboration of forest scientists in the Northwest is impressive and there is every rea-



WALTER F. McCULLOCH, Dean

on to look forward to intensified cooperation with great benefit for all. As a result of its cooperative environment there is developing in Corvallis one of the outstanding forest research establishments in the nation. We have here the Forest Lands and Forest Products divisions of the Oregon Forest Research Center; many branches of the Agricultural Experiment Station dealing with forestry; the Seed Laboratory; Pathology, Entomology, Chemistry and other departments in the School of Science; the Willamette Research Center and a forest genetics program of the U. S. Forest Service (with hopes of a much greater facility in the not distant future); and our own Forest Research Division.

All these agencies work together with an unselfish sharing of facilities and personnel. There is constant interchange of ideas and checking of work in progress; to illustrate, the School of Forestry is represented on five research advisory boards, which meet several times a year.

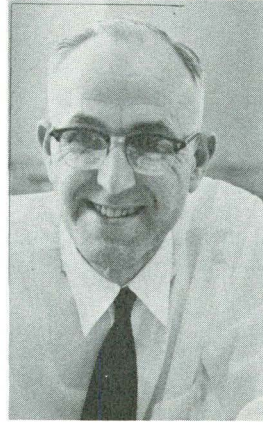
Our Forest Research Division is under the immediate direction of Dr. G. H. Barnes. Working with him are a number of forestry staff men whose time is allocated from 20 to 90 per cent on research. In this program we intend to add to the needed store of basic forestry knowledge; to aid development of staff men in their own fields so that better teaching will result; to educate more and better forest scientists; and to contribute our share to the improvement of forestry in Oregon.

This brief survey of local research effort illustrates the great and growing importance of such work. Thoughtful foresters will see that here is opportunity for a very worthwhile career.

—W. F. "Mac" McCulloch

STAFF

Forest Management



W. F. McCULLOCH
Dean

Mac first came to O.S.C. in 1942. Later he was the Assistant State Forester of Oregon, and became Dean of the Forestry School in 1955. Mac is a very busy man with meetings all over the state and nation, but although he always seems to be in a hurry, he is never too busy to stop and talk for awhile.

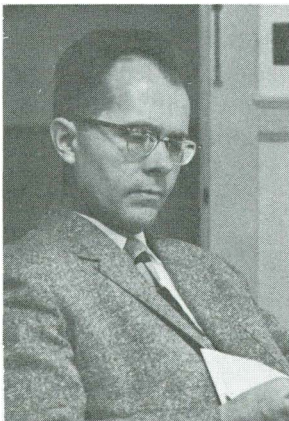
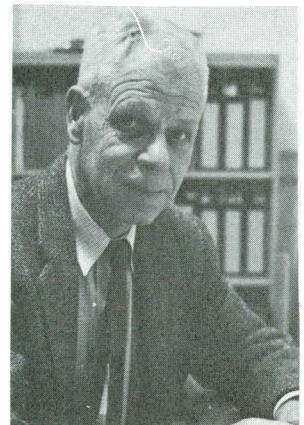
J. R. DILWORTH
Management

Now the head of the F.M. Dept., Dick has been with the school since 1946. He teaches aerial photo and seminar. He is also an expert on catching and curing poison oak.



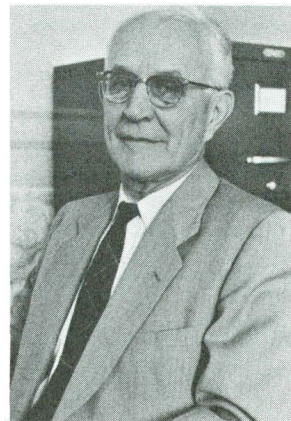
G. H. BARNES
Management

George is the Assistant Director of the Forest Research Division of the Ag. Expt. Sta. A forest management instructor for many years, George doesn't have too much contact with students in his present job.



R. A. YODER
Management

By his name or by his initials Ray is R.A.Y. He recently returned from a two-year stay in Thailand where he helped set up a forestry school. According to Ray some of their problems are bigger than ours — "elephant damage."



D. S. JEFFERS
Management

This very distinguished gentleman (in both appearance and ability) has been here since he came as a special lecturer in 1958. He presently instructs general forestry. Dwight Jeffers is Dean Emeritus of the University of Idaho Forestry School.

W. K. FERRELL
Management

Bill has been teaching here since 1956. He teaches silviculture and graduate classes. While in his labs he wears a green Australian campaign hat. As a result of this his students are called Ferrell's Raiders — but no one is sure what they raid.



D. D. ROBINSON
Management

Dan has been teaching at O.S.C. since 1946 and many a fernhopper has learned the principals of fire suppression from him. Now let's see — risk is the chance of a fire starting and hazard is fire danger or — oh good grief!

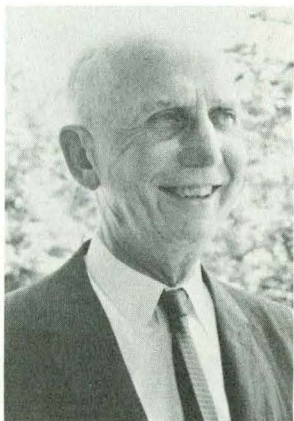


J. T. KRYGIER

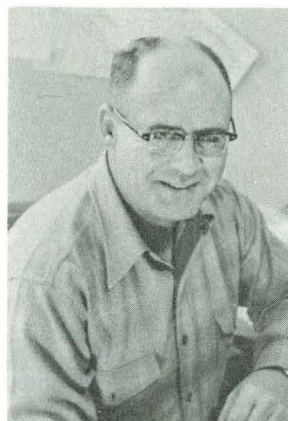
Jim came to O.S.C. from Utah State University in 1954. Among the students he is known as Jungle Jim. Jim is one of the friendliest teachers on the staff.

**R. F. KENISTON**
Management

Recently Bob completed work for his Ph.D. at Yale. He teaches courses in dendrology and valuation. Many of Bob's students remember him for his friendly grin.

**A. J. JAENICKE**
Personnel Director

With 45 years of varied experience behind him, Alex is well qualified to instruct and advise budding foresters. His formal education ended years ago but his practical education is still in progress and he is as young in heart as any freshman. Alex says "Well thanks, fellows."

**W. R. RANDALL**
Management

Casey is well known to all of us as Mr. Tree Ident. A graduate of Idaho, he also lends his talents and varied background to the teaching of timber growth and recreation. To make him happy just bring him a seedling for the arboretum.

Forest Engineering

W. A. DAVIES
Engineering

The head of the Forest Engineering Department, this graduate of the University of Washington has been at O.S.C. since 1946. He presently guides F.E. seniors and grads through their engineering finale.

**J. E. O'LEARY**
Engineering

John has been teaching forest engineering courses at O.S.C. since 1949. He just recently returned from Europe and plans to return again this summer.





C. W. DANE
Administrative Asst. to Dean

Chuck is a 1952 graduate of O.S.C. who returned in 1955 from private industry to take the administrative assistant job. In addition, Chuck teaches a course in private forestry and helps out in forest engineering.



H. R. BRYANT
Engineering

Dick has been filling in for Bob Wilson this year, lending his very able talents to the teaching of forest engineering courses while working on a Ph.D. at the same time.

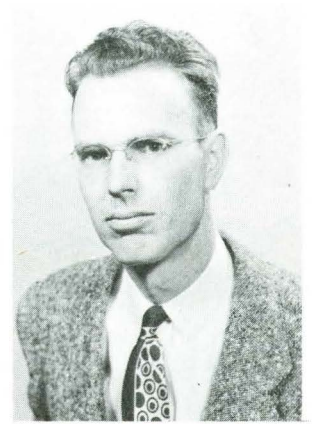
H. R. PATTERSON
Engineering

Pat has been with the School of Forestry longer than any of the other instructors. He has outlived 3 of the 4 doctors that told him to slow down and take it easy and the fourth one is going down hill fast.



C. F. SUTHERLAND, JR.
Management

A recent addition to the O.S.C. staff from the great lakes region, Chuck teaches forest economics. He is another of the faculty who is well on the way to a Ph.D.



Forest Products



W. I. WEST
Products

Bill is head of the F.P. Dept. and has been here since 1946. He obtained his B.S.F. and M.F. from the U. of Wash. and has had experience in private industry and the U.S.F.S. Bill teaches courses in manufacturing problems, merchandising, preservation and seminars.



M. D. MCKIMMY
Products

The other "Mac" of the school, Mac completed his M.S. here in 1951 and has been teaching courses in F.P. since 1953. He has done a considerable amount of research work for federal and state agencies and private industry.



A. C. VANVLIET
Products

Tony is faculty advisor of the forestry club. He teaches courses in wood ident. and utilization. There is an ugly rumor around that Tony is taking up sheet metal work as a hobby — but people who know him well feel this rumor is unfounded.

Forester—McDonald Forest

H. I. NETTLETON
Forest Manager

Harry is presently the Forester of McDonald Forest. Despite ill health, he's done his difficult job well and we'll miss seeing him driving the green pickup when he retires.



L. W. POWELL
Management

Louis left us a little early this year to return to the U. of Wash. and complete work on his Ph.D. A real work horse. Louis taught mensuration, aerial photo, tree ident. and general forestry. We hope to see him back soon.

W. P. WHEELER
Management

Bill has not been with us this year as he has been studying at Syracuse for his Ph.D. in silviculture. Look for him next year.

R. L. WILSON
Engineering

Bob, an instructor in forest engineering has been on leave this year working on a Ph.D. at the University of Washington. Look for his cheery greeting next year, though. (Also his warm fires on FE labs.)

GRADUATE STUDENTS

C. PRICHANANDA

FM

Bangkok, Thailand
Single

Experience

Graduate—University of
Philippines
3 years Forest Ranger—
Royal Thai Forest Dept.
1 year Research—Forest
Dept. Lab.

Activities

Xi Sigma Pi
Forestry Club

Future Plans

Teaching—Kasetsart Univ.
Bangkok, Thailand



MICHAEL NEWTON

FM

Corvallis (Late of Vermont)
Married, 2 children

Experience

2 years U.S. Army
Graduate — U. of Vermont
with B.S. in Dairy Hus-
bandry
Forest Research Division of
O.S.C. Forestry School do-
ing brush control work.

Activities

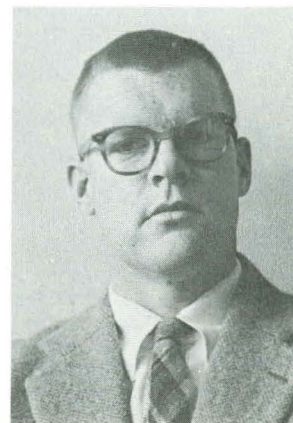
Forestry Club
Annual Cruise
Hi Lead
S.A.E.
Fernhopper Banquet
Xi Sigma Pi
Spring Thaw

Fernhopper football

Tug-of-War

Future Plans

M.S.



GARY L. ADAMS

FM

Minneapolis, Minnesota
Single

Experience

Graduate—U. of Minnesota
with a B.S.
3 years blister rust control
on Superior NF
1 year fire control on Shasta
NF
1 year on spruce bark beetle
control survey
1 year Minn. State Division
of Forestry
3 years forester on Wallowa-
Whitman NF

Activities

SAE

Future Plans

California For. and Range
Expt. Sta.



ARTHUR J. THOMAS

FM

Dearborn, Michigan

Married

Experience

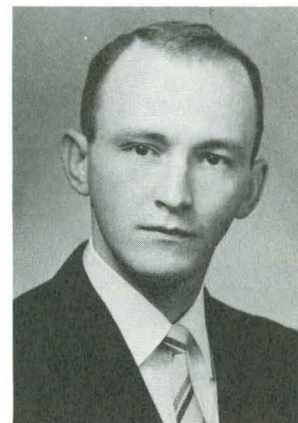
Graduate — Michigan State
Univ., B.S. in Forestry
U.S. Forest Service
Kimberly-Clark of Michigan
Weyerhaeuser Timber Co.

Activities

S.A.F.

Future Plans

Not Certain.



HELGE IRGENS-MOLLER

FM

Denmark

Married

Experience

Graduate—Royal Veterinary
and Agricultural College
2 years Geneticist—Forest
Research Div. Agricultural
Experiment Sta.

Activities

Xi Sigma Pi
Forestry Club

Future Plans

Genetics Research



BHAGAT RAM

VE

Victoria, British Columbia

Single

Experience

Graduate — B.A.Sc. from U.
of British Columbia
3' summers Acme Sawmills,
Victoria
1 summer MacMillan and
Bloedel
1 summer B.C. Forest Service
1 summer Forestal Interna-
tional Ltd.
1 summer Dept. of Natural
Resources

Future Plans

Industry

RALPH L. CARMICHAEL

RM

Corvallis, Oregon
Married, 2 children
Experience
3 years U.S. Air Force
Graduate—University of Idaho with B.S. in Forestry
5 years Forest Research Center, Weyerhaeuser Timber Co.
1 year Dixie NF
1 season Payette NF
Activities
Society of American Foresters
Xi Sigma Pi
Northwest Scientific Asso.
Future Plans
Doctorate Degree; Forest Geneticist

JAMES L. LUKERT

FM

Tulsa, Oklahoma
Married
Experience
USFS, Beetle control — Colorado
USFS Fire dispatcher — eastern Oregon
Head chainman, Weyerhaeuser Timber Co.
JF, USFS, Umpqua NF
Activities
Xi Sigma Pi
S.A.F.
Future Plans
USFS—private

ROBERT I. KRAHMER

FP

Cornelius, Oregon
Married
Experience
2 years U.S. Army
1 season B.L.M.
1 season Longview Fibre Co.
1 season Oregon Forest Research Center
Activities
Xi Sigma Pi
Forestry Club
Alpha Gamma Rho
Future Plans
More Graduate Studies

DONALD E. WOMACK

FM

West Lafayette, Indiana
Married, 2 children
Experience
1 summer blister rust control in Idaho
1 summer fire control, Deschutes NF
2 years, U.S. Army in Germany
3 years Olympic National Forest
Graduate — Purdue University with B.S. in Forest Management
Activities
SAF
Forestry Club
Xi Sigma Pi
Future Plans
Forest Genetics Research

JONATHAN F. HOEFER

FM

Greenville, California
Single
Experience
2 years U.S. Army
Graduate — Colorado State U. with B.S. in Forest Management
Simpson Lumber Co. fire crew
Roseburg Lumber Co. choker setter
U.S. Forest Service — Plumas NF, T.M. Asst.
Activities
Xi Sigma Pi
S.A.F.
Fernhopper Banquet
Future Plans
USFS California

CHARLES G. DERIDDER

FE

Norway, Michigan
Married
Experience
Graduate — Mich. State Univ. with B.S. in Forestry
2 summers with USFS as smoke chaser, blister rust control, truck driver
Future Plans
Logging equip. field

TERRY STRINGER

FE

Victoria, British Columbia
Single
Experience
Graduate — B.A.Sc from U. of British Columbia

KENNETH W. KRUEGER

FM

Coeur d'Alene, Idaho
Married
Experience
6 mos. U.S. Army
Graduate — U. of Idaho with B.S. in Forestry
1 season smokechaser, Bitterroot NF
1 season FM research, Intermountain Expt. Sta.
2 seasons Forest Insect Lab, Missoula
1 season Forest Disease Research, Pacific N.W. Expt. Sta.
1½ years. FM research Puget Sound Res. Center, P.N.W. Sta.
Activities
S.A.F.
Xi Sigma Pi
Future Plans
Ph.D.

RICHARD WILLIAMS

FE

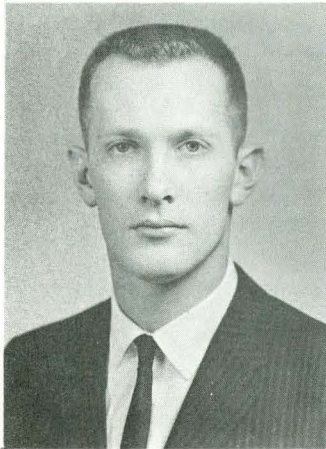
Corvallis, Oregon
Single
Experience
Graduate — University of New York, College of Forestry
1 season lookout, Olympic NF.
1 season log scaling, Roseburg Lumber Co.
1 season surveying, H. R. Jones Engr. Co.
1 season road location, Willamette NF
Activities
Forestry club
Xi Sigma Pi
Alpha Omega
Future Plans
Army, Industry

JOHN A. IFFT

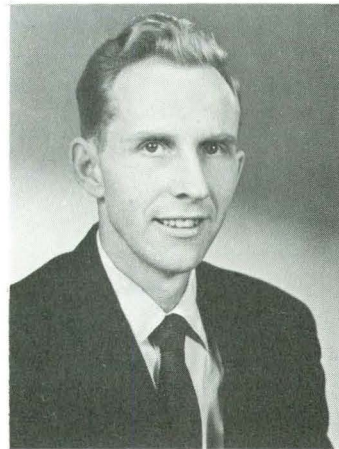
FM

Stroudsburg, Penn.
Married
Experience
2 years U.S. Army
Graduate — Penn. State U. with a B.S. in Forestry
Penn. State U. Forestry Research Dept.
Plumas NF
Activities
Xi Sigma Pi
Future Plans
U.S. Forest Service

SENIORS



THOMAS A. APPEL
FM
Newcastle, California
Single
Experience
1 season assistant dispatcher,
California Division of For-
estry
1 season timber manage-
ment, U.S. Forest Service
Activities
Forestry Club
Annual Cruise (Layout Ed.)
Hi Lead (Financial Manag-
er)
Society of American Forest-
ers
Delta Tau Delta (President,
Social Chairman)
Inter Fraternity Council
Future Plans
Law School



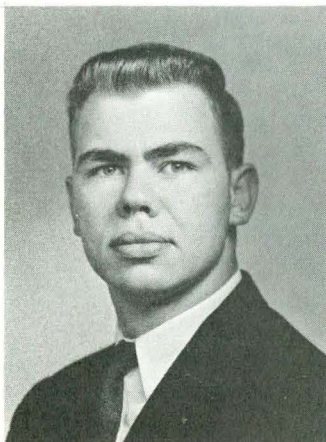
CHESTER A. BENNETT
Jr.
FM
Corvallis, Oregon
Married, 1 child
Experience
3 years U.S. Army (Corps.
Engineers)
32 months, private logging
Co.
Activities
Forestry Club
Society of American Fores-
ters
Future Plans
U.S. Forest Service, Willam-
ette NF



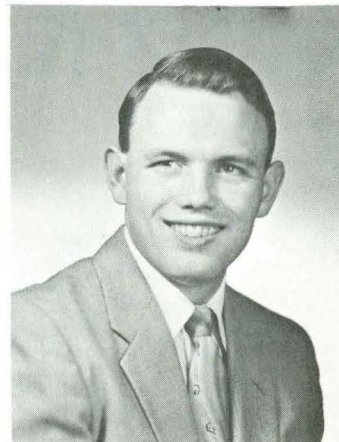
STEWART H. AVERY
FE
Ashland, Oregon
Single
Experience
5 years, U.S. Navy
4 seasons, Bureau of Land
Management, Medford,
Ore.
Activities
Forestry Club
Living Group (Vice-Pres.)
Future Plans
Bureau of Land Manage-
ment



STANLEY BISHOPRICK
FP
Vancouver, Washington
Single
Experience
1 season pine sawmill
1 season Doug fir sawmill
1 season Timber Structures
Inc.
Activities
Forestry Club
Hi Lead (Products Div.)
Spring Thaw (Photography)
Pres. of Living Group
Future Plans
Undecided



BOB BELLAMY
FM
Hillsboro, Oregon
Single
Experience
3 seasons, USFS, road de-
sign and road location
Activities
Forestry Club
Annual Cruise (Editor)
Sigma Pi (House officer)
Future Plans
U.S. Forest Service



DALE M. BOWDISH
FM
Portland, Oregon
Married
Experience
4 seasons, U.S. Forest Service,
Trail crew, guard, forestry
aide
Activities
Forestry Club
Society of American Foresters
Future Plans
U.S. Forest Service, Sisters,
Ore.

DAVID D. J. BELLAN
FM

Jamaica, New York
Single

Experience

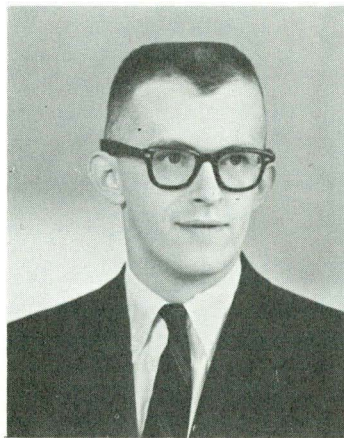
2 seasons USFS, look-out-fireman, trail crew, fireman, Lolo NF, Montana
2 seasons, Student Trainee Lolo NF.

Activities

Forestry Club
Annual Cruise
Society of American Foresters

Future Plans

U.S. Forest Service, Region One



SAMUEL P. K. BRITWUM
FM

Ghana
Single

Experience

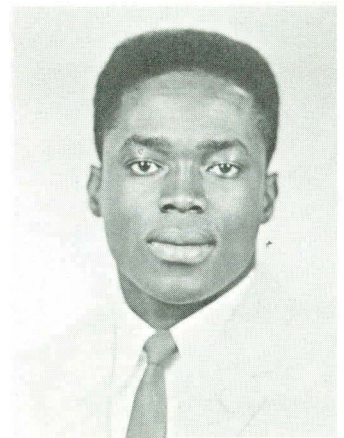
1 season, Western Lane Fire Protection Association
2 seasons, USFS, timber management and engineering

Activities

Forestry Club
Living Group (Vice Pres., Social Chr.)

Future Plans

Graduate work, then Ghana Forestry Dept.



RICHARD F. BUSCHER
FM

Corvallis, Oregon
Married, 1 child

Experience

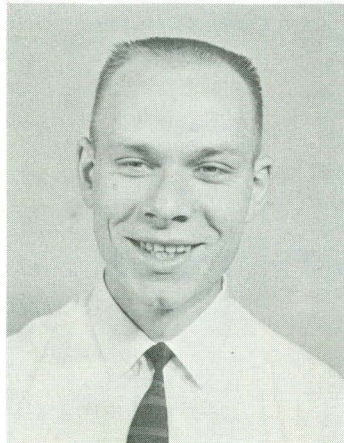
2 years U.S. Army, 2 seasons, Siuslaw NF, USFS.

Activities

Forestry Club, Society of American Foresters

Future Plans

Siuslaw National Forest



ROBERT J. CLARK
FP

Redding, California
Single

Experience

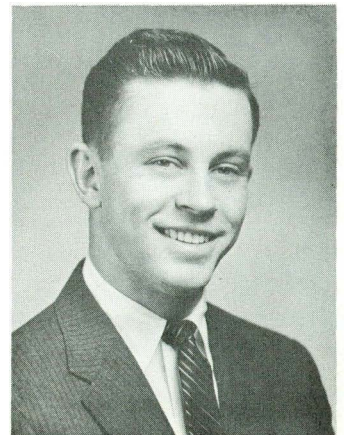
3 seasons Dant & Warnock, Inc.

Activities

Forestry Club (FP Rep.), Fraternity Officer

Future Plans

Sale or Production



THOMAS H. CODY, Sr.
FE

Portland, Oregon
Married, 3 children

Experience

U.S. Army
30 years, sawmilling, box factories, woods, wholesaling & mill offices, and for most of last 12 years with Mason, Bruce & Girard, consulting foresters.

Activities

Forestry Club (1st Vice-Pres.)

Annual Cruise (Chr. Circulation Committee)

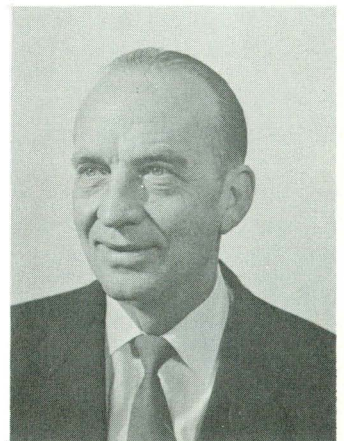
Hi Lead (FE Staff Member)

Society of American Foresters

Fernhopper Banquet (Chr. Invitations Committee)

Future Plans

Undecided



ROBERT H. BYE
FE

Corvallis, Oregon
Married, 2 children

Experience

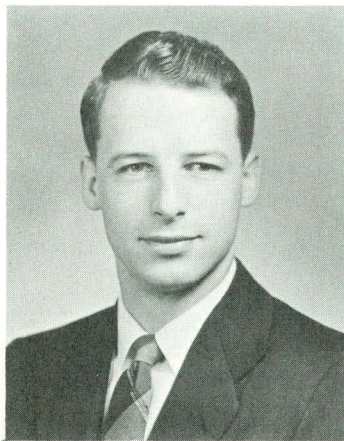
2 years U.S. Army
2 seasons, USFS, Siuslaw NF
2 seasons, Louther Lumber Co.

Activities

Forestry Club (Jr. Class Rep.), Society of American Foresters, Fernhopper banquet, Spring Thaw O-Day

Future Plans

U.S. Forest Service



WILLIAM K. CHALMERS
FE

Veronia, Oregon
Married

Experience

2 years U.S. Army
1 year Crown Zellerbach
3 years Gypo Logging

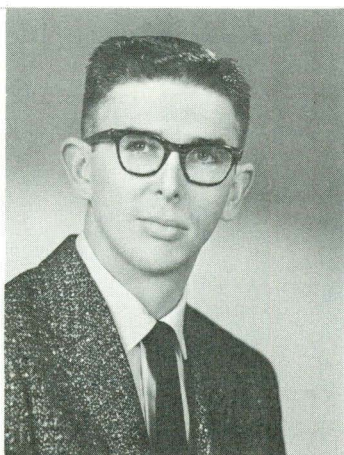
Activities

Forestry Club
Annual Cruise
Society of American Foresters

Xi Sigma Pi

Future Plans

Industry



JAMES D. CROWL
FE

Corvallis, Oregon
Married, 1 child

Experience

2 years, U.S. Army
1 season, Kentucky Reclamation Ass'n.

6 months, USFS, Tongas NF, Alaska

6 months, USFS, San Bernardino NF

1 season, Potlatch Forests Inc.

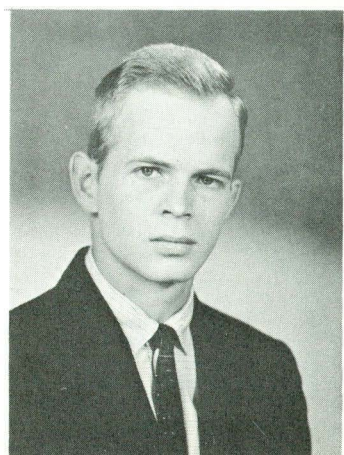
1 season, USFS, Tiyoabe NF

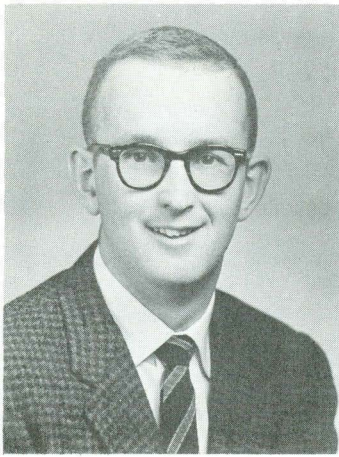
Activities

Forestry Club

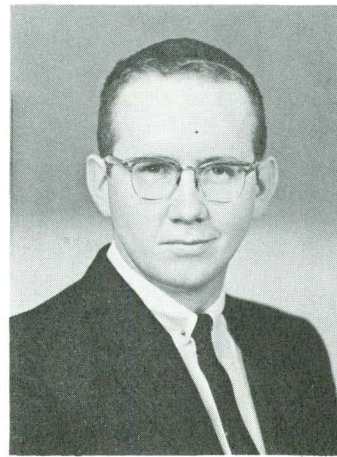
Future Plans

Work in Alaska or Pacific N.W.





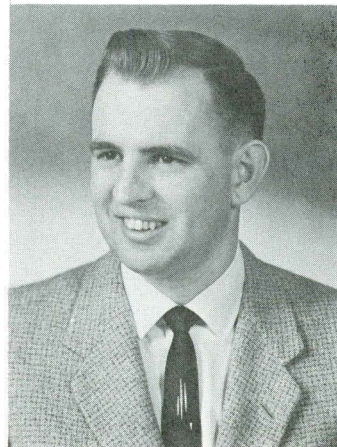
VERNE V. CHURCH
 FP-Business
 Portland, Oregon
 Single
Experience
 2 years, U.S. Army
 1 season, Simpson Redwood Co.
 2 seasons, Edward Hines Lbr. Co.
 3 seasons, USFS, Ochoco NF
Activities
 Barometer
 New Student Chairman '58
 Ralley Comm. Chairman
 House Officer
Future Plans
 Industry



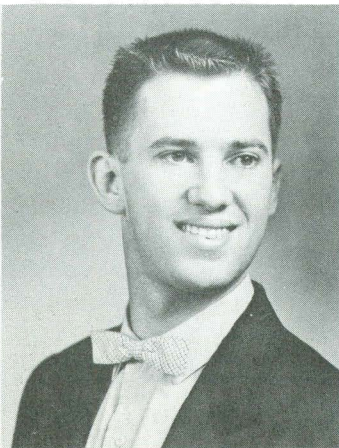
JAMES M. DOLAN
 FM
 Pendleton, Oregon
 Single
Experience
 7 seasons, USFS, Umatilla NF, Slash crew, trail crew, foreman, scaler, cruiser, Dist. assistant, and forest inventory
Activities
 Forestry Club
 Varsity "O"
 Theta Xi Fraternity
Future Plans
 U.S. Forest Service, Umatilla NF.



RICHARD G. ELLIOTT
 FP
 Astoria, Oregon
 Married
Experience
 1 season, Van Fleet Logging Co.
 2 seasons, Longview Fibre Co.
 1 season, Hansen & Milde Salvage Co.
Activities
 Forestry Club
 Forest Products Research Society
 OSC Dad's Club Scholarship
 Delta Sigma Phi (Officer)
Future Plans
 Graduate study and Pulp and Paper Industry



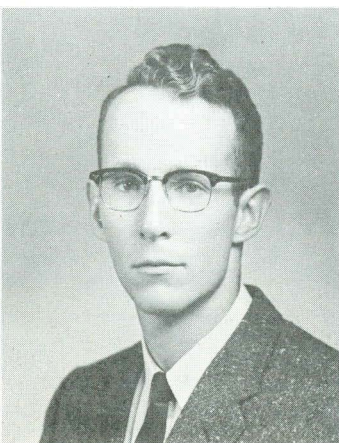
KENNETH L. FALLON
 FE
 Salem, Oregon
 Married, 2 children
Experience
 4 years U.S. Air Force
 4 years private forestry
Activities
 Forestry Club
 Society of American Foresters
Future Plans
 "Gypso" Logging



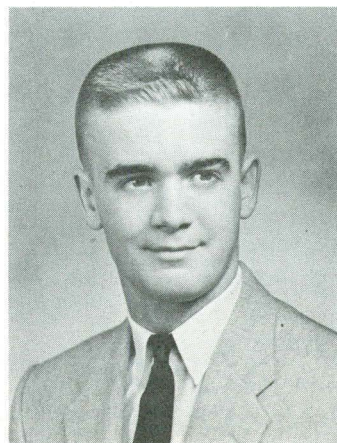
LARRY G. ELLIS
 FM
 Sweet Home, Oregon
 Single
Experience
 2 seasons, Linn Co. Fire Patrol Ass'n
 4 seasons, Willamette Nat'l Lbr. Co., engineering crew
 1 season, Willamette Nat'l Lbr. Co., ass't Logging Engineer
Activities
 Forestry Club
 Spring Thaw (Queen Committee)
Future Plans
 U.S. Army, then Private Industry



JERRY FOREST
 FRANKLIN
 FM
 Camas, Washington
 Married
Experience
 2 seasons, Washington State Div. of Forestry
 2 seasons, Crown-Zellerbach Corp.
 2 seasons, Pacific Northwest Forest and Range Expt. Sta.
Activities
 Forestry Club
 Annual Cruise (Adv Manager '58)
 Hi Lead
 Society of American Foresters
 Fernhoppers Banquet (Adv. Manager '58)
 Xi Sigma Pi (Forester)
 St. Regis Scholarship
 Phi Kappa Phi
Future Plans
 Pacific N.W. Expt. Sta. — Cascade Head Expt. Forest



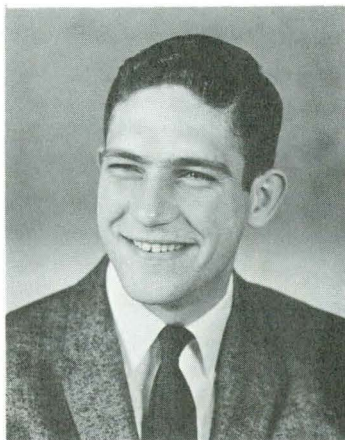
WILLIAM H. ELLISON
 FE
 Anacortes, Washington
 Married, 2 children
Experience
 1 year felling and bucking, 18 months, Anacortes Veneer Inc., 1 season, Evans Products, head ch. Part time, Benton County Surveyor, head chairman
Activities
 Forestry Club, Annual Cruise (Feature Ed.), Society of American Foresters, Xi Sigma Pi (Ranger), South Santiam Scholarship
Future Plans
 Private industry



RONALD CLAY GALDABINI
 FM
 Cottage Grove, Oregon
 Single
Experience
 3 seasons, USFS, Umatilla NF
Activities
 Forestry Club
 Sec.-treasurer, Living Group
Future Plans
 U.S. Navy for 2 years, then U.S. Forest Service

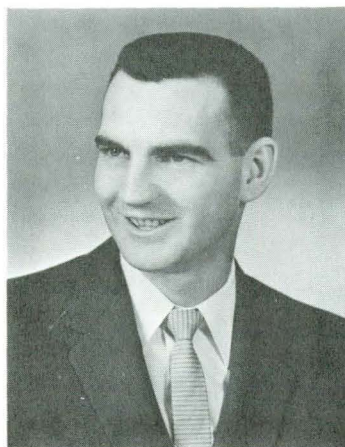
R. KIRK EWART
FM

Naha, Okinawa
Single
Experience
19 months, California Division of Forestry
6 months, U.S. Forest Service, Umpqua NF
Activities
Forestry Club, Annual Cruise, Hi Lead, Society of American Foresters, Fernhopper Banquet
Future Plans
U.S. Forest Service, Umpqua NF



JOSEPH R. GRIGGS
FE

Nevada City, California
Married, 1 child
Experience
6 months, Cal-Pacific Forest Consultants
1 season, Hi-Sierra Logging Co.
2 years, U.S. Army
5 months, USFS, road construction
1 season, Montgomery Logging Co., Nevada City, California
Activities
Forestry Club
Society of American Foresters
Fernhopper Banquet
O-Day
Future Plans
Undecided



ROBERT G. GUSTAFSON
FM

Colton, Oregon
Married, 2 children
Experience
3 years, U.S. Marine Corps.
2 seasons, USFS, Siuslaw NF, Student trainee
Activities
Forestry Club (Secretary)
Annual Cruise (Grad. Sec. Ed.)
Society of American Foresters
Fernhopper basketball
Toastmasters (President)
Future Plans
U.S. Forest Service, Siuslaw NF



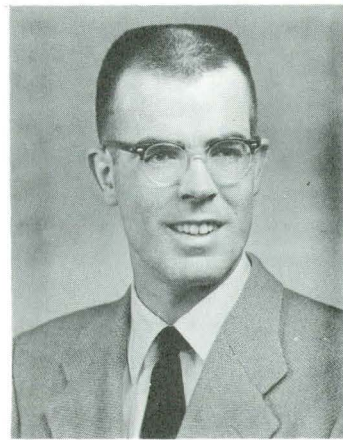
NORMAN L. HALL
FM

Gervais, Oregon
Married
Experience
4 years, U.S. Air Force
2 seasons, USFS, Fremont NF
2 seasons, USFS, Mt. Hood NF
Activities
Forestry Club
Future Plans
U.S. Forest Service, Mt. Hood NF



GERALD C. GILLES
FE

N. Hollywood, California
Single
Experience
2 years, U.S. Army
3 seasons, Sequoia Nat'l Park, blister rust crew
1 season, Oscar G. Larson & Associates
1 season, Timber Management Service
6 months, Alaska Lumber & Pulp
Activities
Forestry Club
Society of American Foresters
Fernhopper Banquet (Invite Comm. Chr.)
Spring Thaw (Dance Chair '57)
O-Day
Toastmasters
Future Plans
Alaska Pulp and Paper, Sitka, Alaska



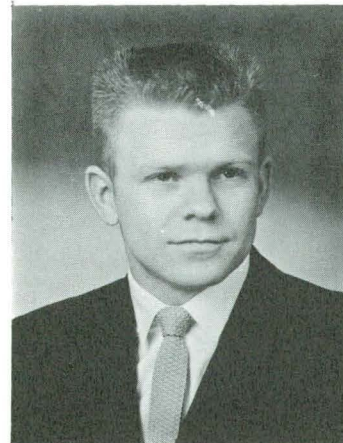
ROBERT L. IRWIN
FM

Placerville, California
Married, 2 children
Experience
4 years, U.S. Marine Corps.
9 seasons, USFS, California
2 seasons, USFS, Siskiyou NF
Activities
Forestry Club (FM Rep.)
Annual Cruise (Photo Ed.)
Hi Lead (Assoc. Ed.)
Pack Essay Contest Winner (1958)
Spring Thaw (Queen Comm. Co-Chr.)
Future Plans
U.S. Forest Service



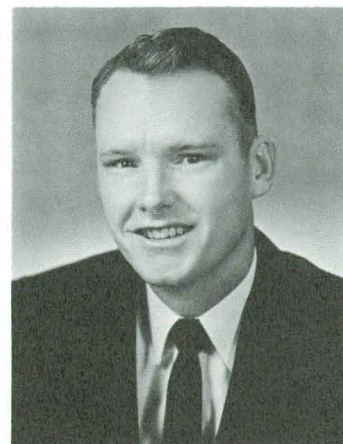
CHARLES W. JOHNSTONE
FM

Powell, Wyoming
Married
Experience
2 years, U.S. Army
3 seasons, USFS, Willamette NF, fire guard, Hdqts. fireman, timber management.
Activities
Forestry Club (2nd Vice-Pres.)
Hi Lead (Production Mgr.)
Society of American Foresters
Fernhopper Banquet (Chr. Decoration Committee)
Spring Thaw (Gen. Chairman '59)
Future Plans
U.S. Forest Service



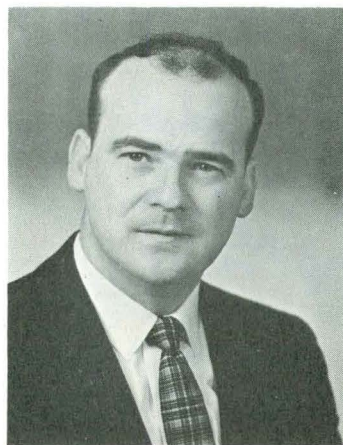
CLAUDE KING
FE-CE

San Bernardino, California
Single
Experience
4 years, U.S. Air Force
1 season, K.V. Wood
1 season, Jim Denison
2 seasons, Weyerhaeuser
2 seasons, USFS, California
Activities
C. E. Softball
Future Plans
Private Industry

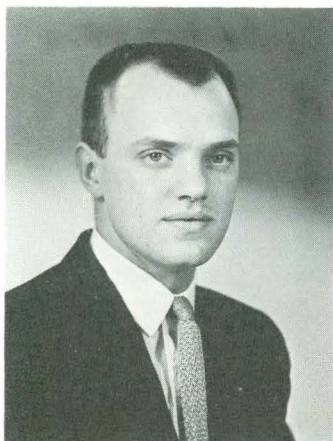




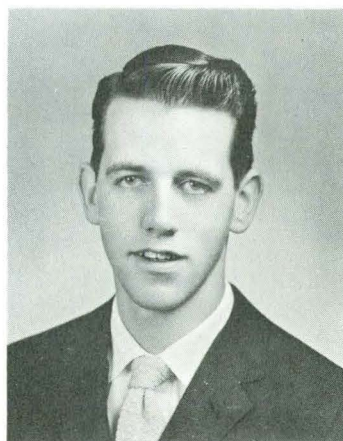
ROGER J. HAMILTON
FM
Redlands, California
Married, 2 children
Experience
2 years, U.S. Air Force
2½ years, USFS, San Bernardino NF
3 seasons, USFS, Siuslaw NF
Activities
Forestry Club
Annual Cruise
Society of American Foresters
Future Plans
U.S. Forest Service, Siuslaw NF



FREDERICK R. LaBAR
FE
Bangor, Pennsylvania
Single
Experience
2 years, U.S. Army
2 seasons, Crater Lake Nat'l Park, insect and fire control
1 season, Pacific N.W. Range & Experiment Station, timber inventory
2 seasons, USFS, Willamette NF, road location.
Activities
Forestry Club
Society of American Foresters
Fernhopper Banquet (Chr. Clean-up Committee)
Future Plans
Undecided



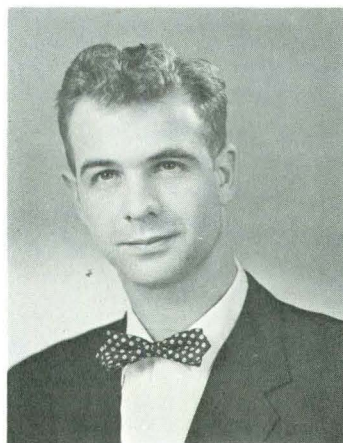
WILLIAM D. LYCHE
FE
Buxton, Oregon
Married, 1 child
Experience
2 seasons, sawmill
1 season, "gypo" logging
1 season, logtruck driver
1 season, USFS, Umpqua NF, road location
Activities
Forestry Club
Society of American Foresters
Fernhopper Banquet
O-Day
Future Plans
Private Industry



BOYD R. McCALL
FE
Longview, Washington
Single
Experience
1 season, McCall Logging Co., truck driver
2 seasons, L.H.M. Logging Co., logger
1 season, U.S. Plywood, surveyor
Activities
Forestry Club
Future Plans
Private Industry



WILSON F. MACKENZIE
FP
Honolulu 16, T.H.
Single
Experience
1 season, Roddiscraft Inc.
Experience
2 years U.S. Army
1 year Crown Zellerbach
3 years Gypo Logging
Activities
Forestry Club
Annual Cruise
Society of American Foresters
Xi Sigma Pi
Future Plans
Industry



DOUGLAS McCLELLAND
FM
Vancouver, Washington
Married
Experience
3 years, U.S. Marine Corps.
5 seasons, USFS
Activities
Forestry Club, Fernhopper Forum, Hi Lead (Editor '59), Fernhopper Banquet (Pub. Chr.), Spring Thaw (Chr. Tug-of-War), All School Show (Chairman),
Future Plans
U. S. Forest Service

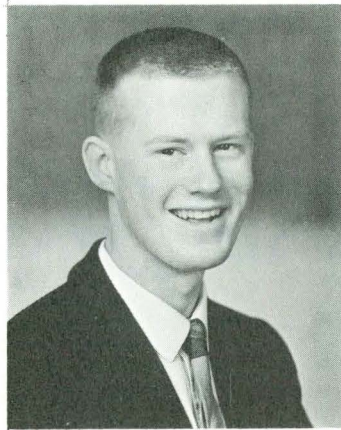


KENNETH D. MANN
FE
Grass Valley, California
Single
Experience
1 season, USFS, California, roads
1 season, USFS, Alaska, Timber work
1 season, California Div. of Forestry, fire control
3 seasons, Empire Star Mines Co.
Activities
Forestry Club
Hi Lead (Artist)
Future Plans
Indefinite

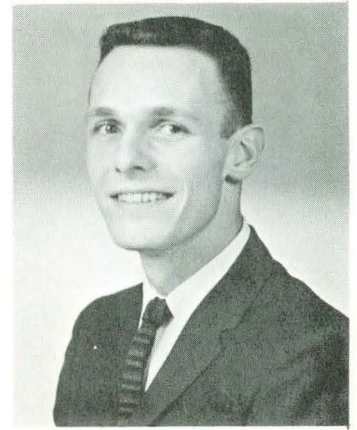


MALCOLM R. McDOWALL
FE
Beaver Mines, Alberta, Canada
Married, 1 child
Experience
1½ years U.S. Navy
1 season, Oregon State Board of Forestry, FFE crew
4½ years, Groesbeck Const. Co.
2 seasons, Kline Logging Co.
Activities
Forestry Club (President '59)
Annual Cruise
Fernhopper Sports — football and basketball
Future Plans
U.S. Forest Service

CHARLES H. MARTIN
 FP
 Portland, Oregon
 Married, 1 child
Experience
 1 season, Weyerhaeuser's Research & Development Center
 4 seasons, Stebinger Lbr. Co.
Activities
 Forestry Club, Hi Lead
 (Tech. Writer), Xi Sigma Pi, Tucker Scholarship, Blue Key, Scabbard and Blade, Alpha Delta Sigma
Future Plans
 3 years U.S. Air Force — FP
 Developing or Merchandising



JON E. MENAND
 FM
 Carmel, California
 Married
Experience
 3 seasons, California Division of Forestry, fire crew
 1 season, Smith Tree Service
 1 season, Pacific N.W. Forest & Range Expt. Sta., forest survey
 1 season, Wetsel-Oviatt Lumber Co., cat logging
Activities
 Forestry Club
 Annual Cruise (Business Mgr.)
 Society of American Foresters
 Beta Theta Pi
Future Plans
 U.S. Army Corps. of Engineers, then Public forestry



ALFRED MEYER
 FM
 Huron, South Dakota
 Married, 1 child
Experience
 2 seasons, USFS, Siuslaw NF
 4 years, U.S. Navy
Activities
 Forestry Club
 Annual Cruise (Advertising Ed.)
 Society of American Foresters
Future Plans
 U.S. Forest Service, Siuslaw NF



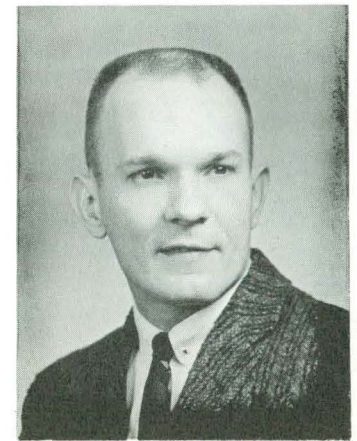
GILBERT E. OEKERMAN
 FP
 Portland, Oregon
 Married, 1 child
Experience
 2 years, U.S. Navy
 1 season, Mac Forest Crew
 2 years, O.S.C. Forest Expt. Sta.
 2 seasons, Plywood Products Corp.
Activities
 Forestry Club
 Forest Products Research Society
Future Plans
 Private Industry



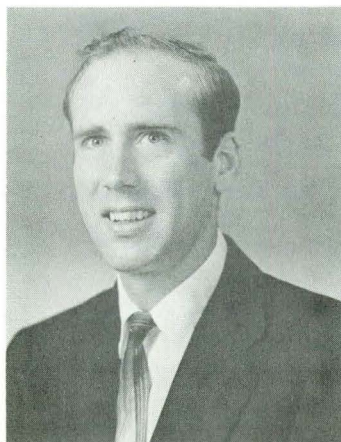
KENNETH R. MEYER
 FE-FM
 Wemme, Oregon
 Single
Experience
 3 seasons, USFS, Mt. Hood NF
Activities
 Forestry Club
 Society of American Foresters
 Fernhoppers Banquet
 Xi Sigma Pi (Sec.-Fiscal Agent)
 Living Group (Pres., Social Chr., Historian)
Future Plans
 U.S. Forest Service



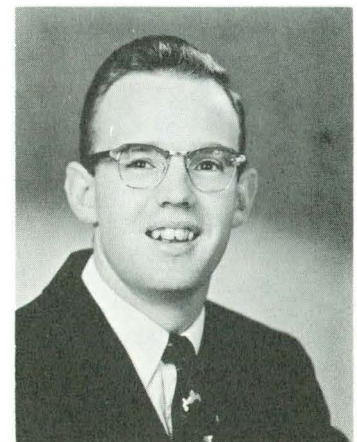
WAYNE E. ORR
 FM
 New Orleans, La., Ogden, Utah, Wash., D.C.
 Single
Experience
 4 years, U.S. Navy
 2 seasons, USFS, Smokejumpers, McCall, Idaho
 2 seasons, Pacific N.W. Expt. Sta., forest inventory
Activities
 Forestry Club
 Sigma Nu
Future Plans
 U.S. Forest Service

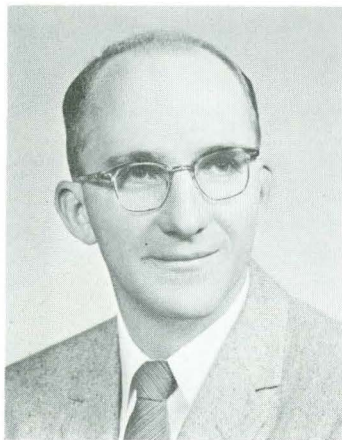


MARSHALL D. MURRAY
 FM
 Sunland, California
 Married, 1 child
Experience
 2 seasons, shingle bolt cutter, Calif.
 1 season, USFS, scaler
 2 seasons, Georgia-Pacific Corp.
 4 years, U.S. Navy
Activities
 Forestry Club
 Fernhopper Banquet
 Xi Sigma Pi
Future Plans
 Private Industry



CLIFTON M. PETERSON
 FE-FM
 Medford, Oregon
 Married, 2 children
Experience
 3 seasons, Private Industry
 4 seasons, Oregon State Board of Forestry
Activities
 Forestry Club
 Annual Cruise
Future Plans
 U.S. Forest Service

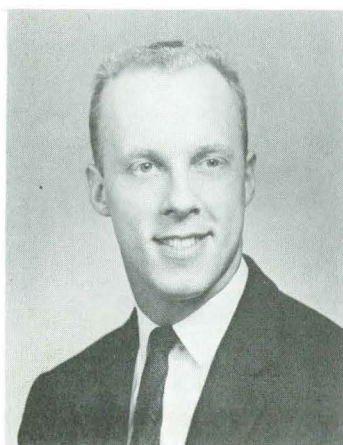




DARREL NICHOLAS
 FP
 Springfield, Oregon
 Married, 1 child
Experience
 1 season, compassman for timber cruiser
 1 season, Weyerhaeuser Pulp Div., shift chemist
 1 season, Oregon State Board of Forestry, fire warden
 4 years, U.S. Air Force
Activities
 Forestry Club
 Xi Sigma Pi (Historian)
 Fernhopper basketball and softball
 Floyd Hart Memorial
Future Plans
 Private Industry



ROY A. PETTEY, Jr.
 FM
 Corvallis, Oregon
 Married, 4 children
Experience
 4 years, U.S. Navy
 7 months, USFS
 19 months, Weyerhaeuser Timber Co.
 3 months, Oregon State Board of Forestry
Activities
 Forestry Club, Hi Lead (Editor '57-'58), Society of American Foresters, Fernhopper Banquet (Ticket Chr.), Gatch Hall (Pres. '54)
Future Plans
 Oregon State Board of Forestry



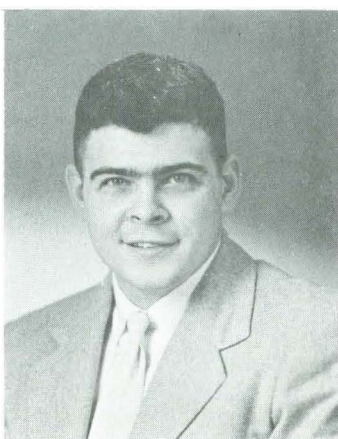
KENNETH D. RAMSING
 FM
 Nuevo, California
Experience
 2 years, U.S. Navy
 5 months, Calif. Div. of Forestry
 1 season, USFS, Pringle Falls Exptl Forest
Activities
 Forestry Club (Senator)
 Annual Cruise (Circulation Mgr.)
 O-Day
 John R. Snellstrom Sr. Award
 Choralaires
 Westminster Assoc. (Treas.)
Future Plans
 Teaching or Administration



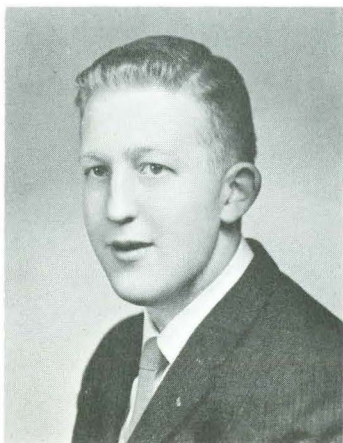
RAYMOND B. SCHENCK
 FE
 Algona, Iowa
 Single
Experience
 2 years, U.S. Army Airborne
 1 year, "Gyppo" logging
 3 years, USFS, Smokejumper, Missoula, Montana
Activities
 Forestry Club (Pres., FE Rep.)
 Annual Cruise (Editor '58)
 Hi Lead
 Fernhopper Sports (Mgr. 54-'55)
 Letter in Wrestling '55-'56
 Bill Eskew Memorial Award
 2nd Lathrop Pack Essay Contest
Future Plans
 U.S. Forest Service



FRANK A. RASMUSSEN
 FM
 Springfield, Oregon
 Single
Experience
 2 seasons, Nat'l Park Service, Glacier Nat'l Park
 2 seasons, USFS, Wallowa Whitman NF
Activities
 4 years, U.S. Air Force
 Forestry Club (Treasurer '59)
 Annual Cruise (Senior Sec. Ed.)
Future Plans
 U.S. Forest Service



MELVIN DUANE SHRUM
 FE FM
 Glide, Oregon
 Married, 1 child
Experience
 2 years, Army Signal Corps.
 6 months, Ball Lbr. Co.
 2 months, Douglas County Lbr. Co.
 1½ years, Associated Plywood Mills Inc.
 12 months, United States Plywood Corp.
 2 seasons, Stedman & Stedman Logging Co.
Activities
 Forestry Club (Senior Rep.)
 Annual Cruise
 Society of American Foresters
 Fernhopper Banquet
 Fernhopper Sports
 Private Industry
Future Plans



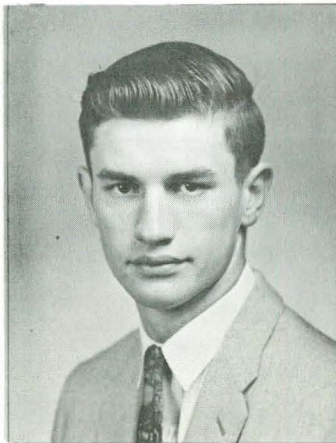
DAVID K. RINEIL
 FP
 Astoria, Oregon
 Single
Experience
 1 season, Oregon State Board of Forestry, fire warden
 2 seasons, L & S Logging Co.
 1 season, Simpson Redwood Co., sales trainee
Activities
 Forestry Club
 Delta Sigma Phi
Future Plans
 Sales work



JOHN L. SLEGELMICH
 FE
 St. Louis, Missouri
 Single
Experience
 3 seasons, Bureau of Land Management, Prineville, Lakeview, Coos Bay
Activities
 Forestry Club
 Society of American Foresters
 R.O.T.C. Pilot Training
 Delta Chi
Future Plans
 U.S. Air Force—Undecided

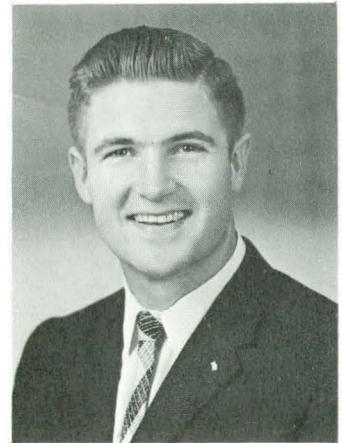
JOHN G. ROBATCEK
FM

Klamath Falls, Oregon
Married
Experience
1 season, Modoc Lbr. Co.,
Klamath Falls
3 seasons, Weyerhaeuser Tbr.
Co.
Activities
Forestry Club
Hi Lead (Assoc. Ed. '58, Ed.
Staff '59)
Fernhopper basketball
Nutralite Foundation '58, '59
Sigma Pi
Future Plans
Alaska, probably USFS



MELVYN L. SOUVENIR
FE

St. Helens, Oregon
Single
Experience
4 seasons, Crown-Zellerbach
Corp., scaler, fire crew, en-
gineering crew
Activities
Forestry Club
Society of American Forest-
ers
Sarah Vaughn Scholarship
Beatrice Hamilton Award
Phi Eta Sigma (Pres.)
Alpha Gamma Rho Fraterni-
ty (Pres.)
Blue Key (Vice-pres.)
Inter Fraternity Council
Scabbard & Blade (Vice-
pres.)
Future Plans
U.S. Army Corp of Engineers



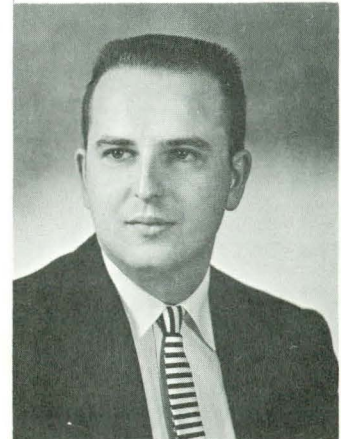
KENNETH M. SWAIN
FM

Susanville, California
Single
Experience
4 seasons, Calif. Div. of For-
estry, fire control, timber
mgt.
2 seasons, USFS, Lassen NF.,
timber mgt.
Activities
Forestry Club
Society of American Forest-
ers
Fernhopper Banquet (Reg-
istration Chr.)
Varsity Rifle Team 3 yrs.
Future Plans
U.S. Forest Service



GENE N. THOMPSON
FM

Corvallis, Oregon
Single
Experience
Thompson Planing Mill
forest engineering, cat
driving, choker-setting,
loading, truck driving,
scaling, cruising, and gen-
eral woods and mill work
Activities
Forestry Club
Fernhoppers Banquet
Sigma Alpha Epsilon
Future Plans
Undecided



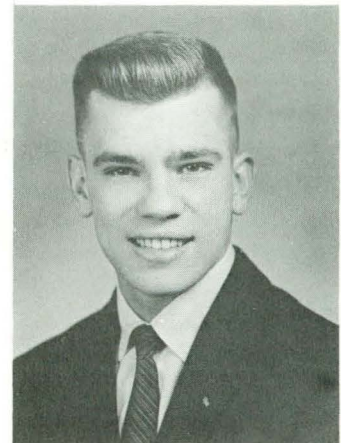
CHARLES F. SWITZER
FM

Oregon City, Oregon
Single
Experience
2 seasons, USFS, clerk-dis-
patcher
1 season, BLM, Forestry aide
Activities
Forestry Club (Publicity
Comm.)
Hi Lead (Technical Page)
Fernhopper Banquet (Decor-
ation Chr.)
Max Tucker Scholarship
Acacia Fraternity (Officer)
Alpha Phi Omega (Officer)
Public Forestry & Military
Future Plans
Service.



EDWARD F. VAN ZANDT
FM

Erie, Pennsylvania
Single
Experience
2 seasons, Hammermill
Paper Company, mill and
engineering work
1 season, USFS, road loca-
tion
1 season, Thompson Planing
Mill, 2nd loader
Activities
Forestry Club
Annual Cruise
Hi Lead
Living Group (Pres.)
Mom's Weekend (Open-
house Chr.)
Senior Picnic (Entertain-
ment Chr.)
Future Plans
Hammermill Paper Com-
pany



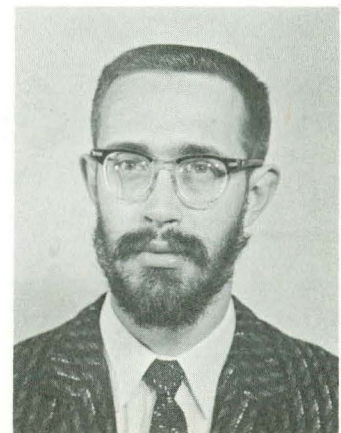
LEROY O. TAYLOR, Jr.
FM

Camino, California
Single
Experience
2 years, U.S. Army
6 seasons, Calif. Div. of For-
estry, fire control
2 seasons, Calif. Div. of For-
estry, forest management
Activities
Forestry Club
Society of American Forest-
ers
Xi Sigma Pi
Future Plans
California Division of For-
estry



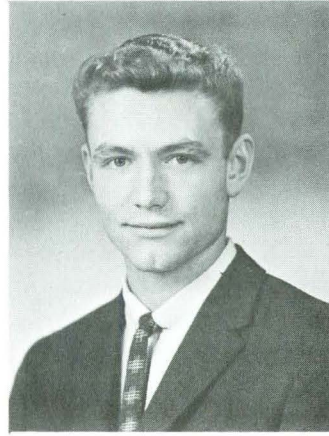
RONALD E. WAITT
FM

Portland, Oregon
Married, 2 children
Experience
2 years, U.S. Army
4 seasons, USFS, Umpqua
NF, trail crew, lookout,
timber mgt.
Activities
Forestry Club
Annual Cruise (Copy Ed.)
Future Plans
U.S. Forest Service

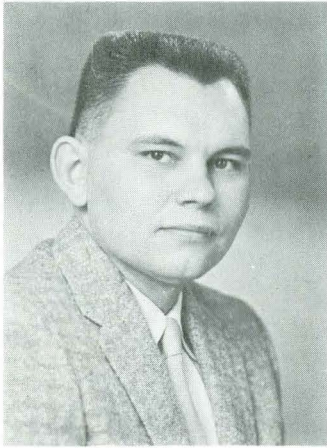




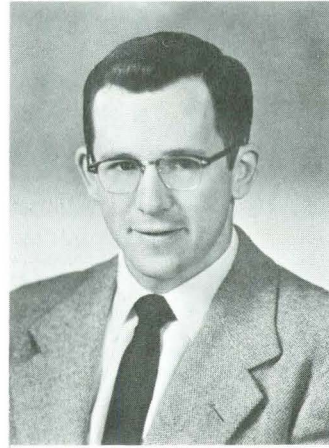
OLAF A. J. THINGVALL
FE
Eugene, Oregon
Single
Experience
1 season, Bohemia Lbr. Co.
1 season, USFS, Umpqua NF,
Engineers aide
1 season, odd jobs in forestry
Activities
Forestry Club (conservation
Officer)
Spring Thaw (Co-Chr. of
Contests)
Fernhoppers basketball &
tug-of-war
Future Plans
Military Service—Private In-
dustry



KENNETH B. WARREN
FE
Corvallis, Oregon
Married
Experience
4 seasons, USFS, Detroit,
Ore.
1 season, USFS, Corvallis,
Ore.
Activities
Forestry Club
Phi Sigma Kappa
Future Plans
U.S. Army



GLEN A. WEIDEMAN
FE
Mt. Clemens, Michigan
Single
Experience
2 seasons, USFS, Umpqua
NF
Activities
Forestry Club
Future Plans
Undecided



RICHARD A. WILLIAMS
FE-CE
Mt. View, California
Single
Experience
1 season, Roseburg Lbr. Co.
1 season, H. R. Jones
2 seasons, USFS
Activities
Forestry Club
Annual Cruise
Xi Sigma Phi Omega
Future Plans
U.S. Army—Industry

UNDERCLASSMEN

Classes of

'60

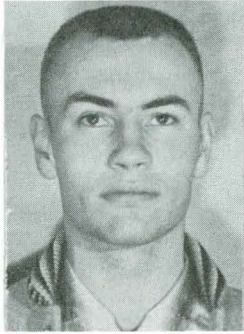
'61

'62

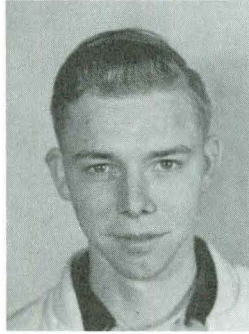
CLASS OF '60



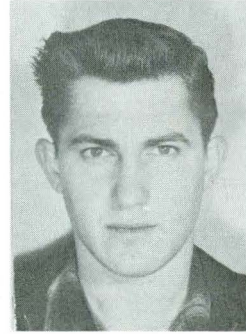
B. Alen



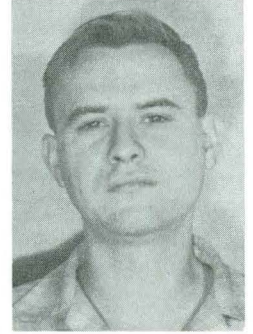
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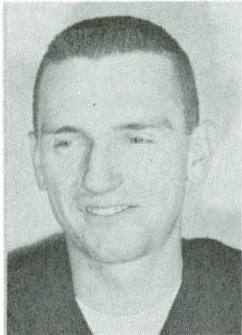
M. Atkinson



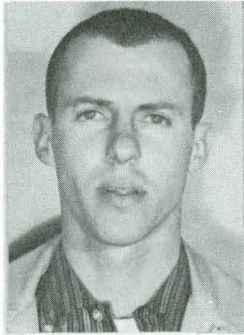
N. Axon



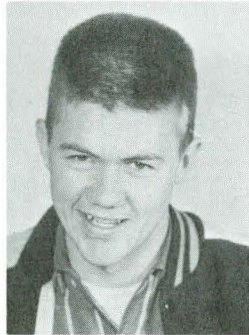
W. Bentley



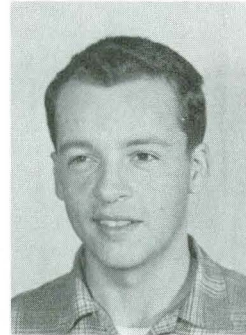
B. Berends



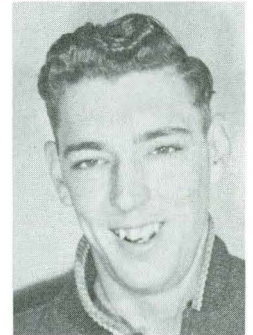
J. Brooks



L. Bishop



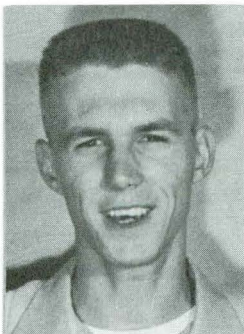
R. Brassfield



D. Bryant



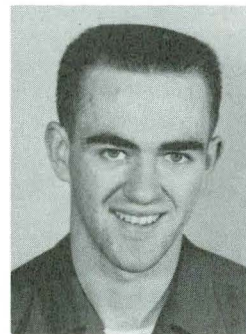
D. Burkhardt



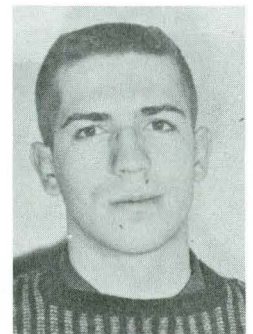
M. Carter



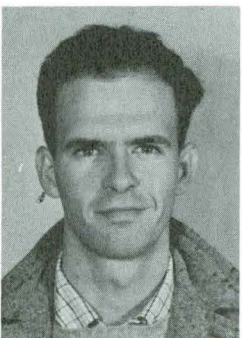
H. Clark



M. Clark



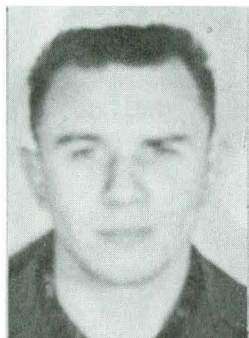
J. Connor



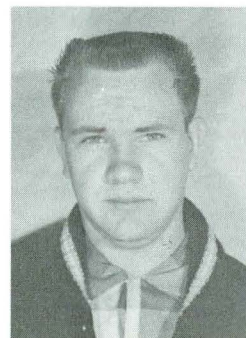
D. Curtis



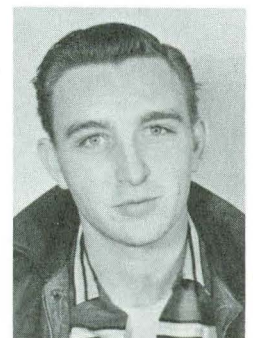
H. Dano



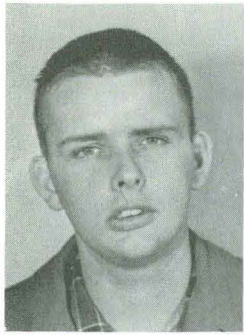
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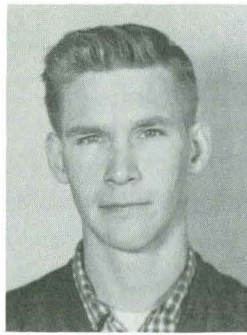
K. Fletcher



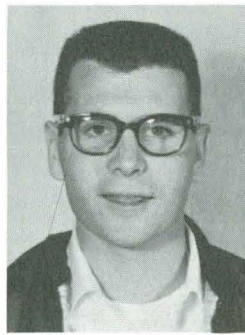
R. Fox



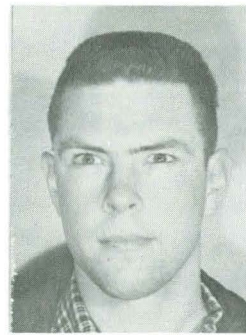
K. Fisk



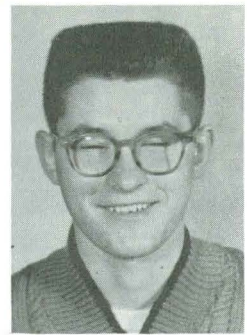
J. Fahsholtz



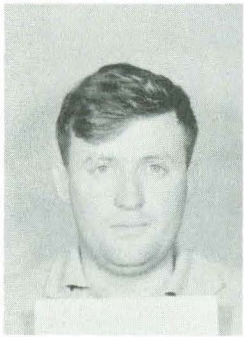
V. Fridley



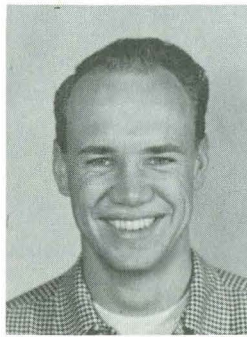
S. Gifford



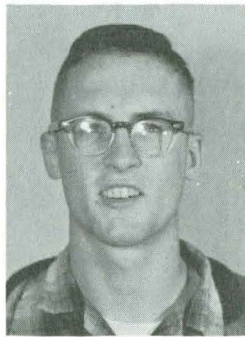
L. Goodman



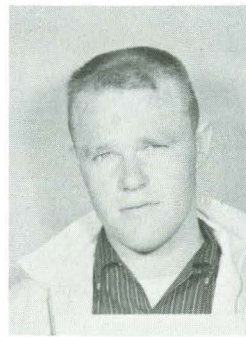
F. Graf



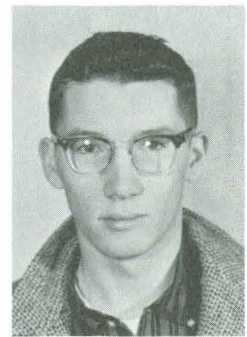
J. Grunwald



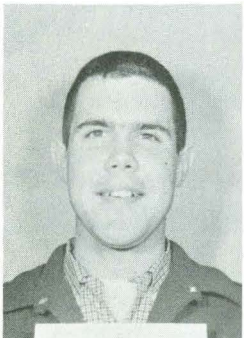
J. Herrmann



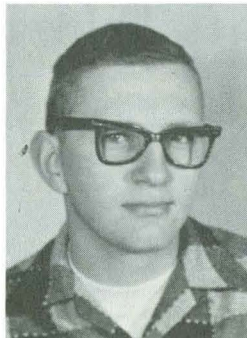
W. Halsey



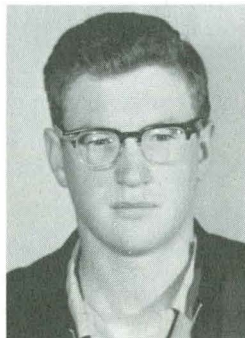
B. Holman



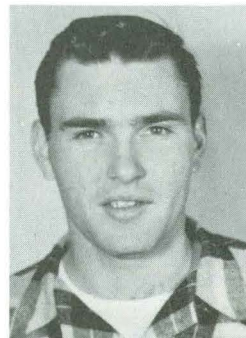
R. Holmes



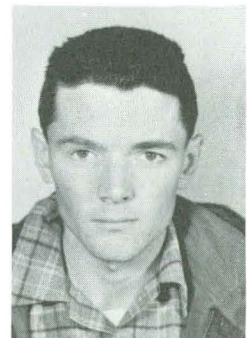
L. Inglis



N. Iliinsky



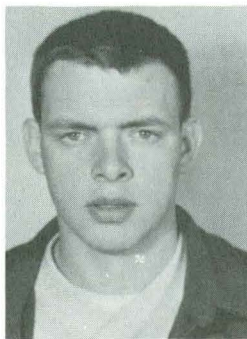
R. Joost



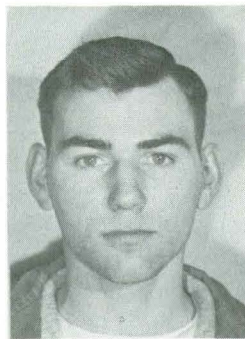
J. Judson



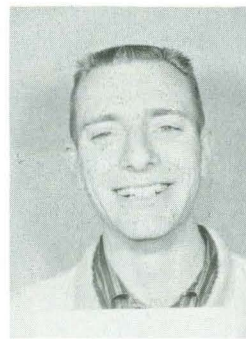
C. Klemme



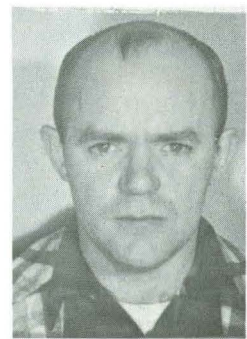
B. Krueger



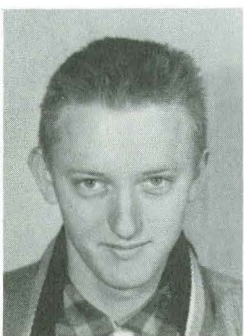
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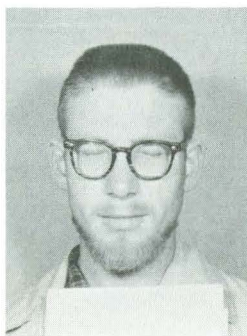
B. Mittag



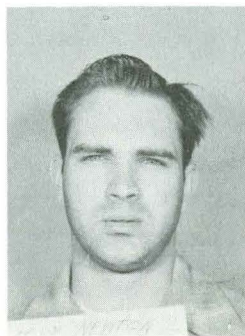
D. Mohr



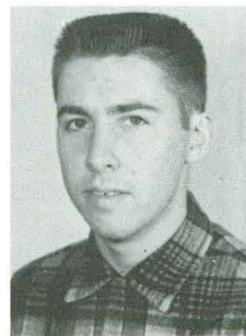
R. Monroe



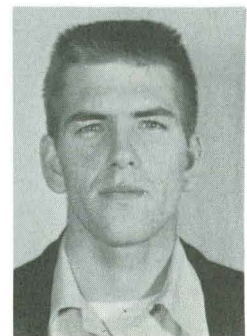
J. Moore



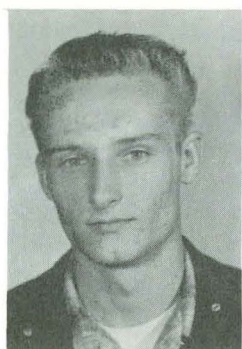
N. Newton



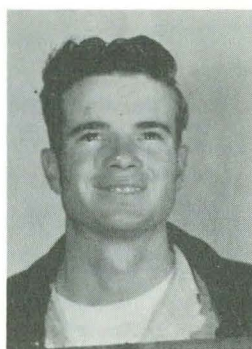
F. Olson



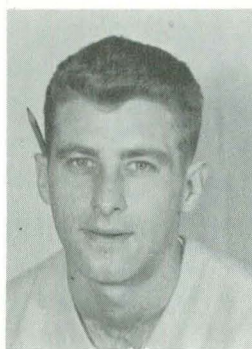
R. Olson



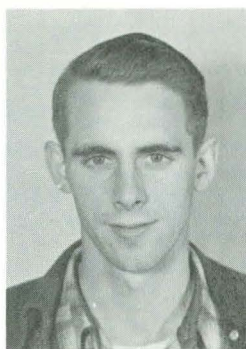
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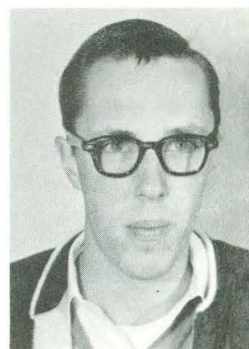
R. Page



K. Paproke



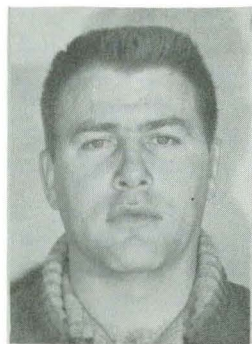
R. Pederson



J. Pender



R. Peterson



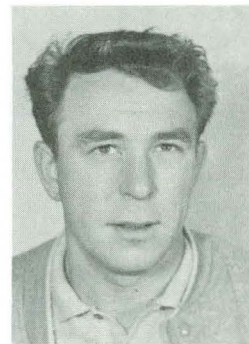
W. Qual



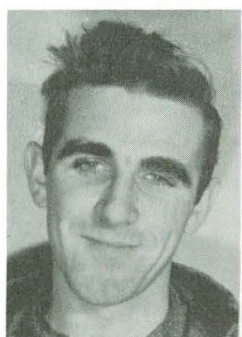
C. Reynolds



D. Rodeau



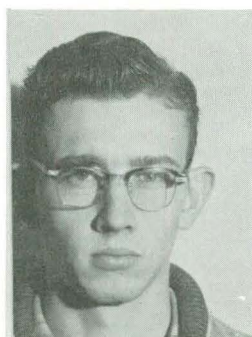
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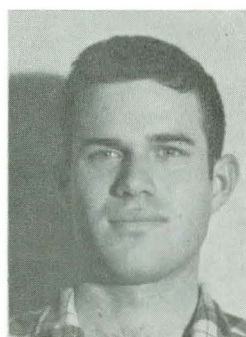
J. Reilly



W. Schulteis



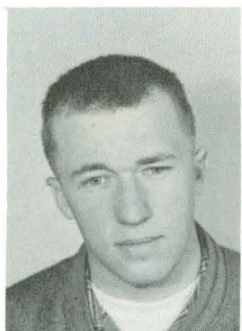
W. Schwieter



B. Scott



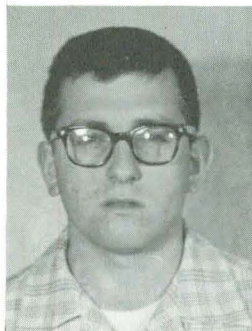
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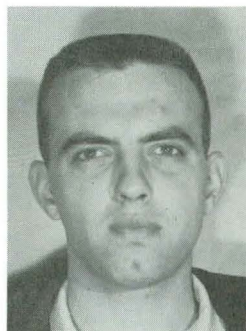
V. Sisson



B. Smith



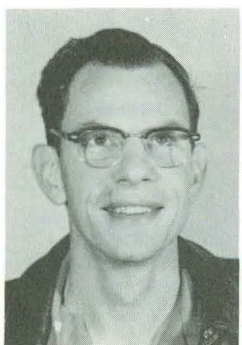
D. Smith



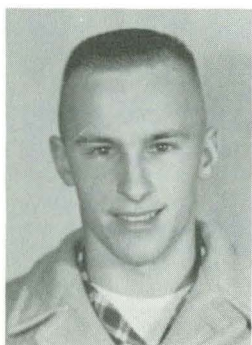
M. Spahr



J. Sparks



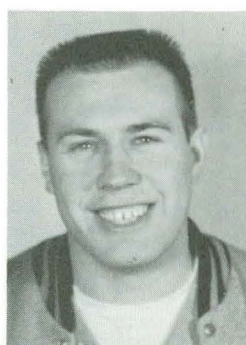
L. Stadleman



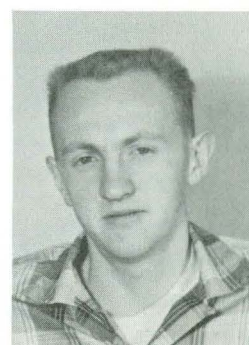
B. Stegemeyer



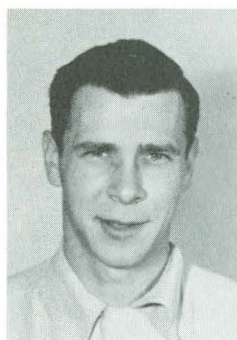
C. Stoldalrol



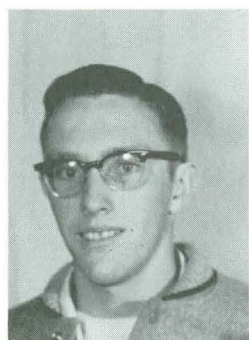
D. Stone



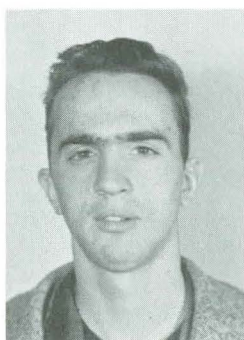
W. Tourtellot



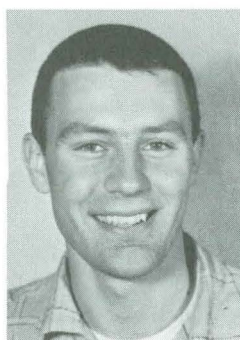
C. Timberman



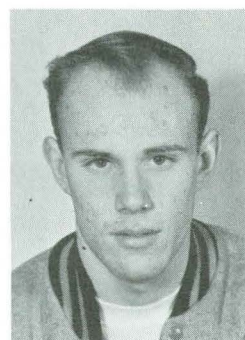
D. Ullman



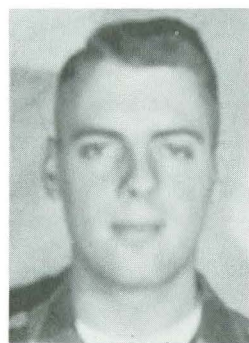
D. Van Dyke



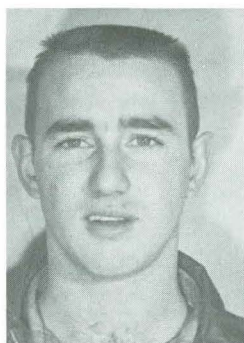
B. Warner



J. Weisgerber



L. Wier

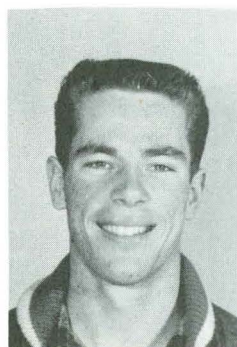


L. Work

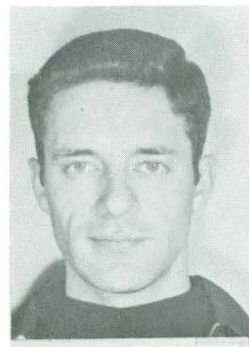


G. York

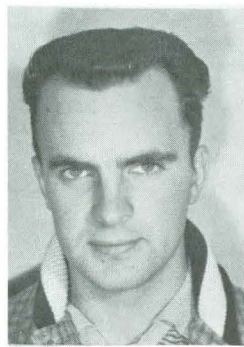
CLASS OF '61



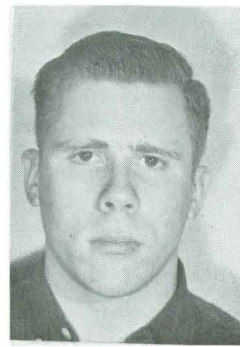
B. Allen



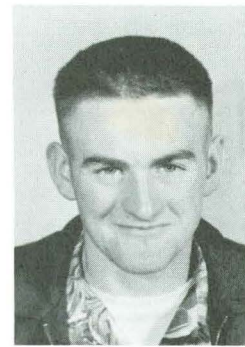
J. Baker



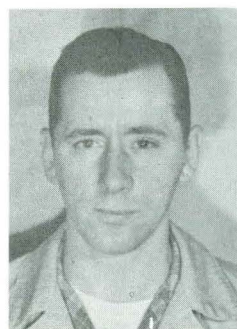
R. Barstad



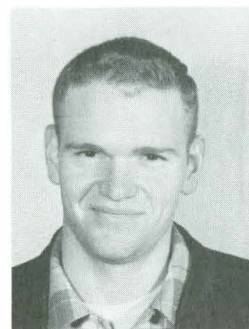
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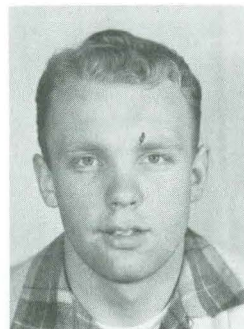
R. Beers



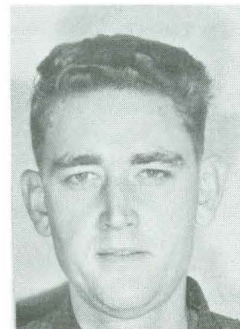
G. Blade



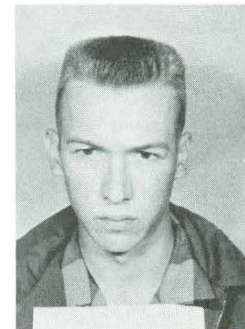
G. Blanchard



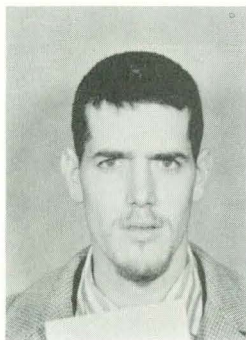
R. Bringhurst



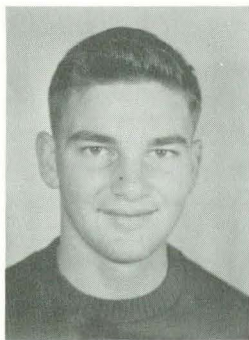
D. Brown



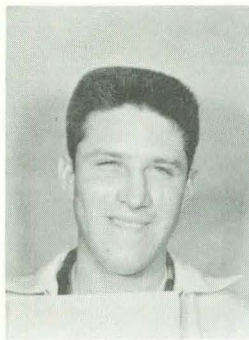
T. Chatten



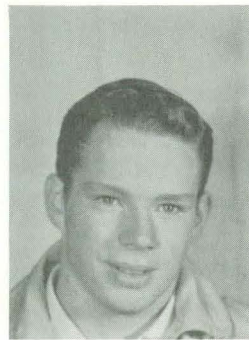
G. Clayton



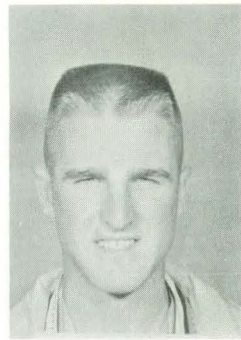
J. Condit



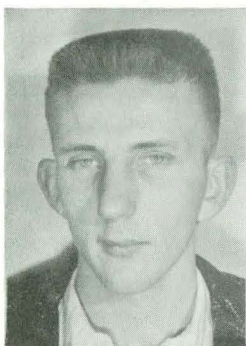
D. Cook



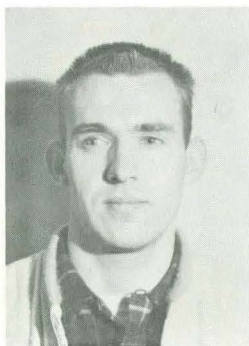
B. Crawford



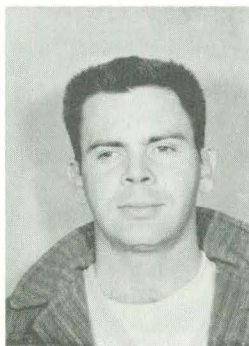
B. Cron



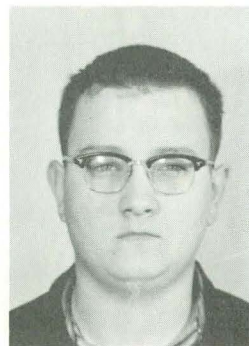
T. Darley



C. Dewing



A. Dodd



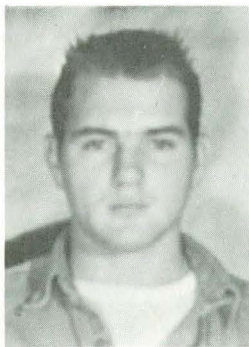
D. Doyle



E. Dursin



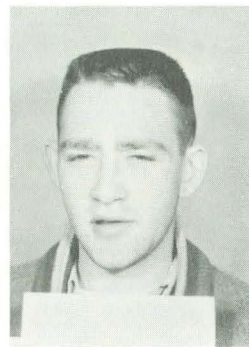
H. Eddy



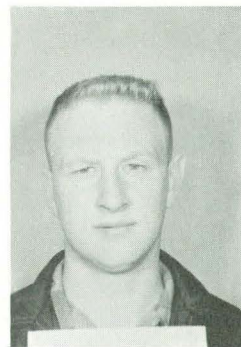
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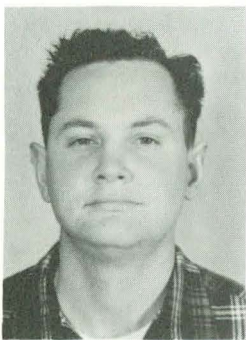
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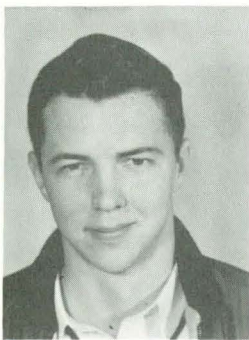
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M. Griggs



G. Hedgeth



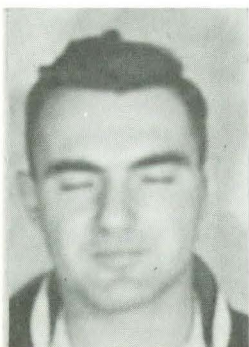
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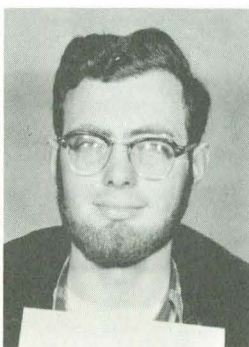
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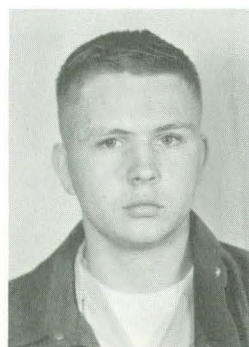
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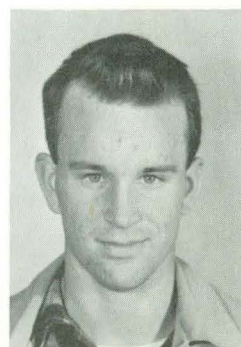
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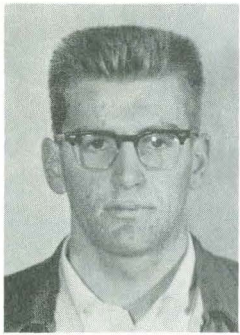
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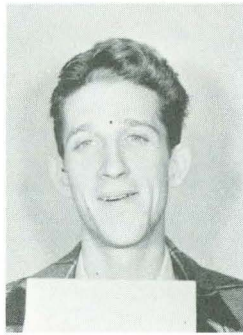
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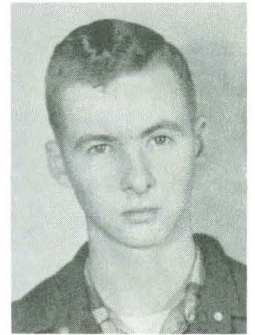
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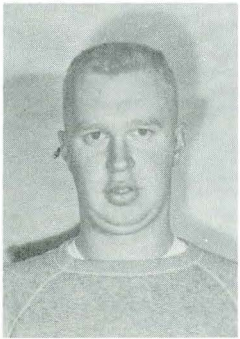
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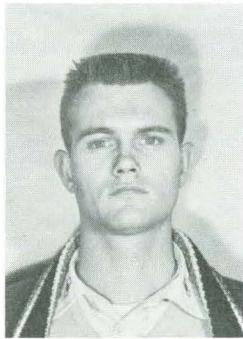
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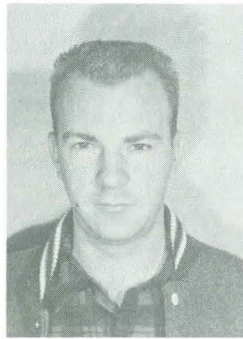
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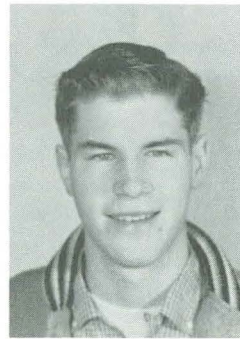
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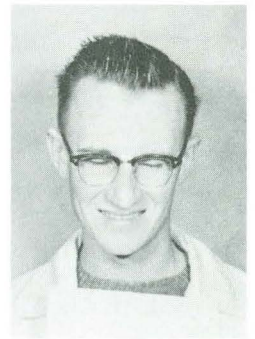
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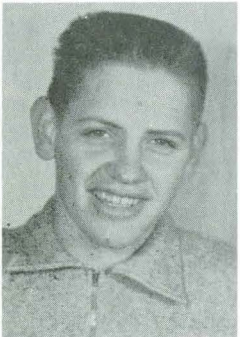
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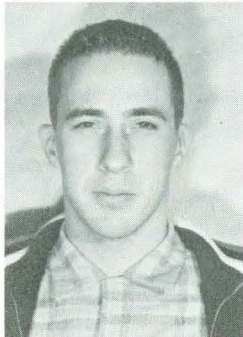
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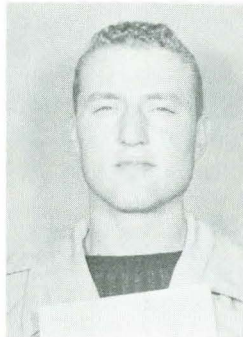
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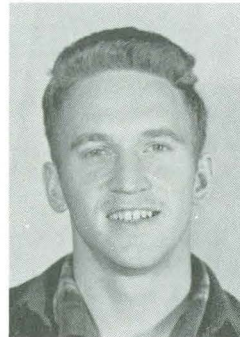
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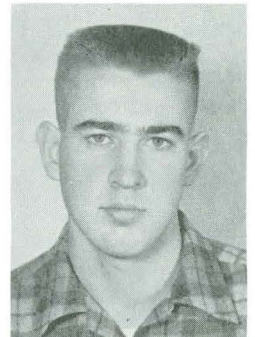
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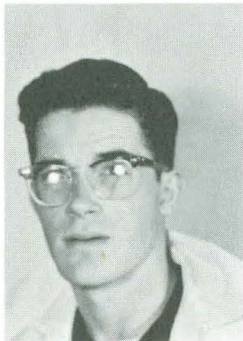
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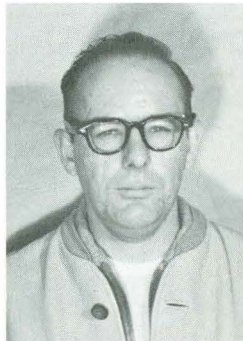
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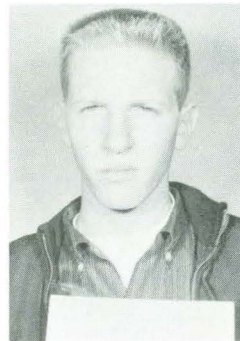
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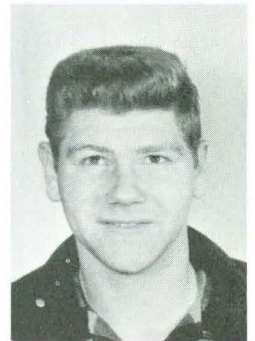
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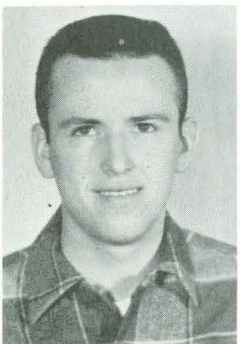
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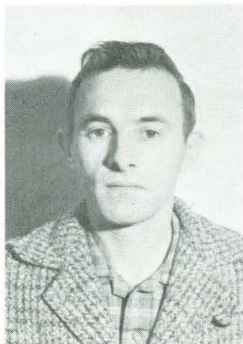
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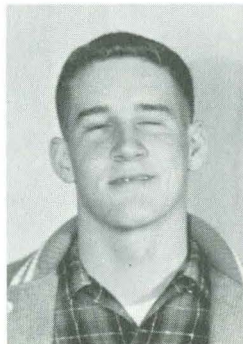
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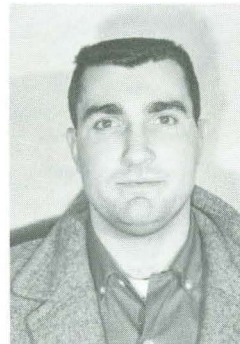
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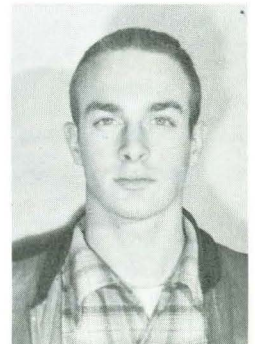
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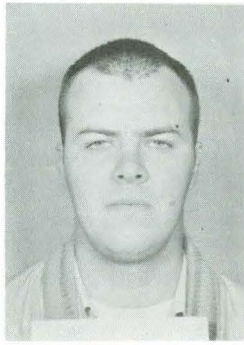
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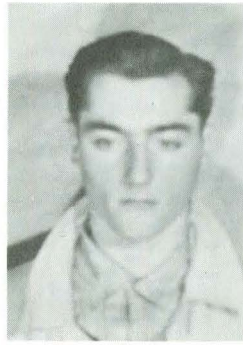
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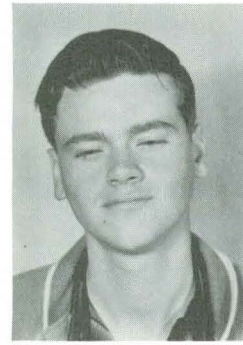
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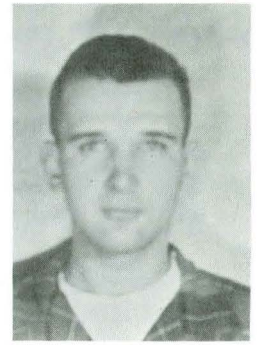
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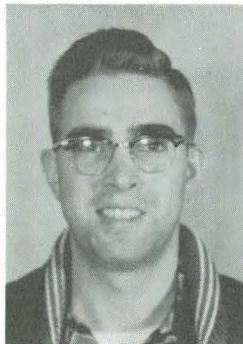
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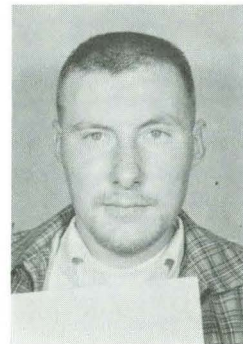
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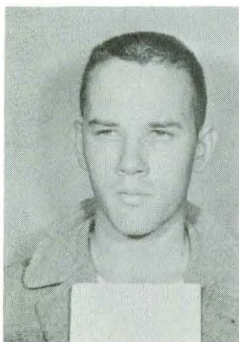


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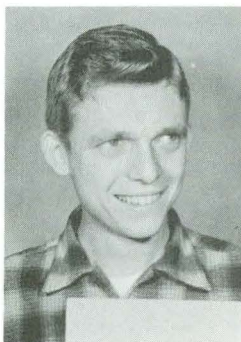


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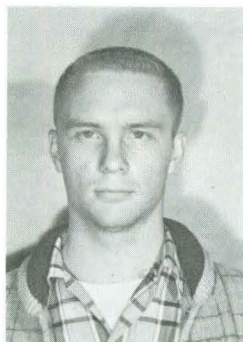
CLASS OF '62



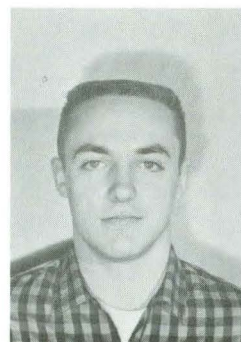
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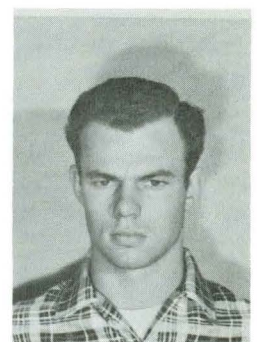
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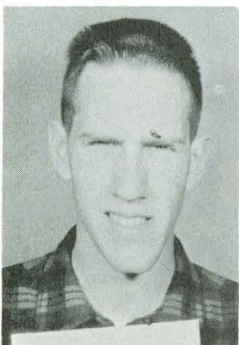
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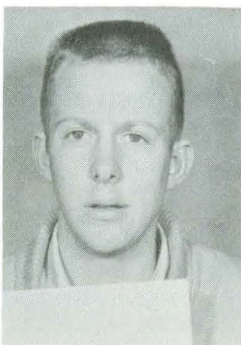
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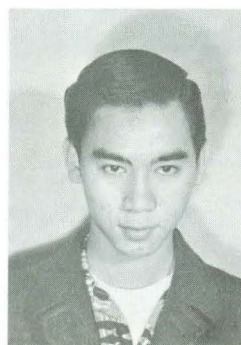
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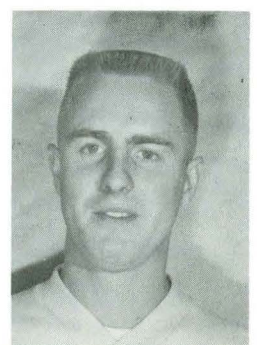
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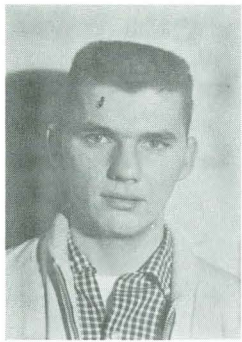
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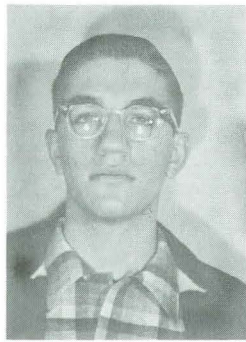
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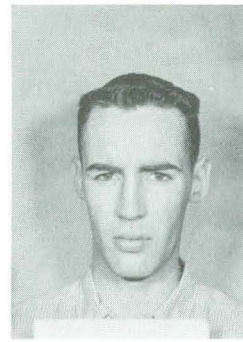
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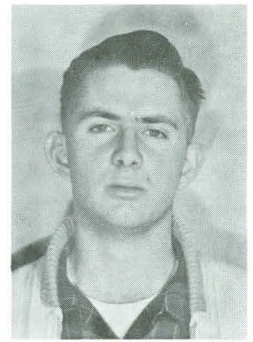
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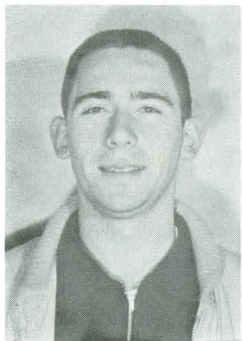
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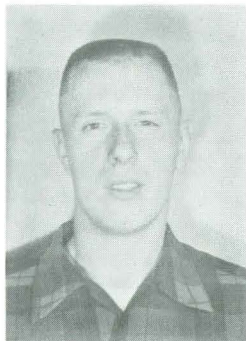
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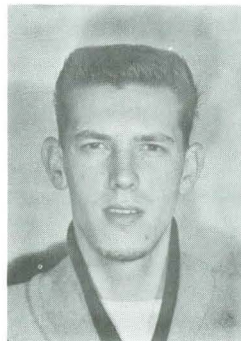
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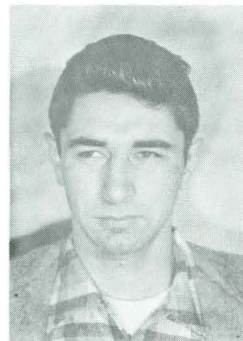
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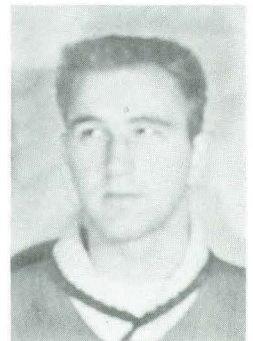
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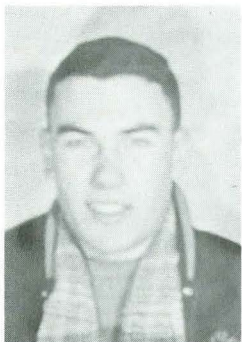
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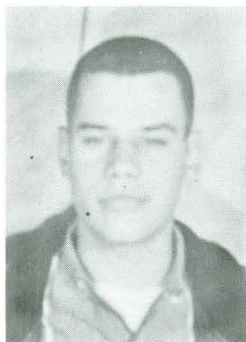
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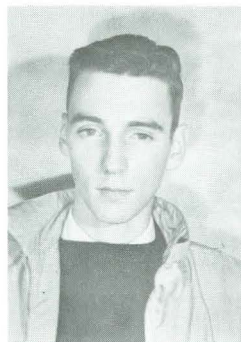
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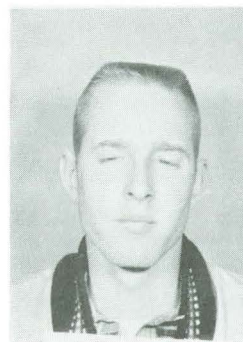
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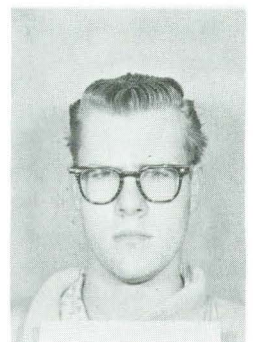
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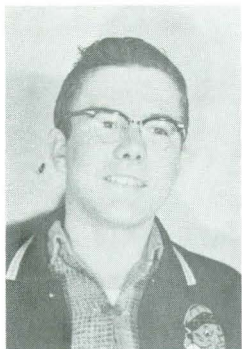
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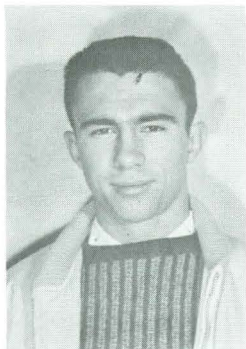
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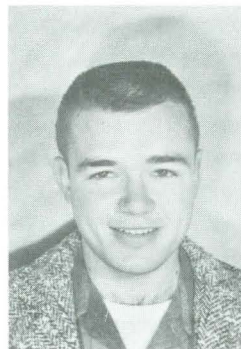
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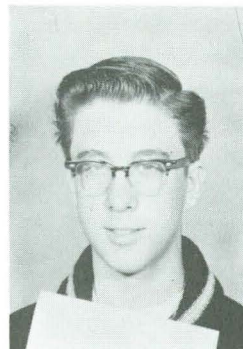
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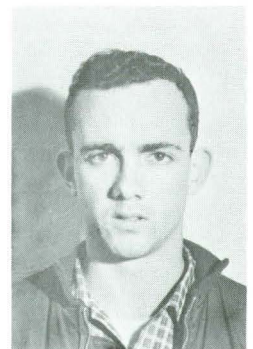
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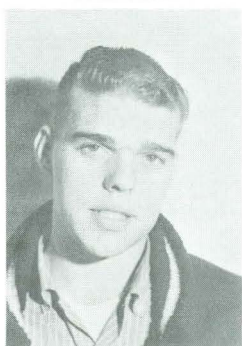
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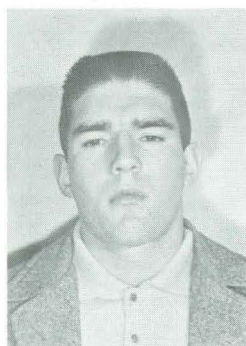
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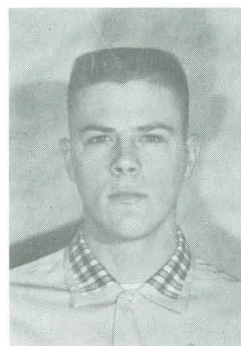
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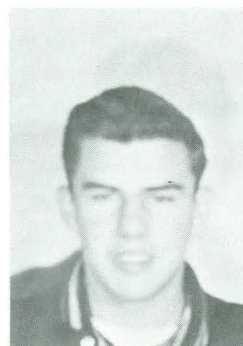
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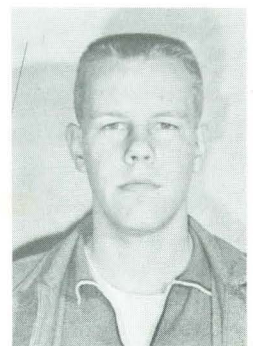
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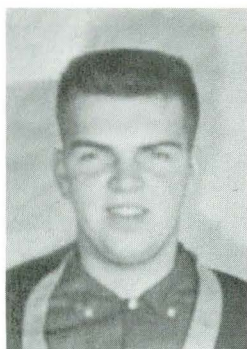
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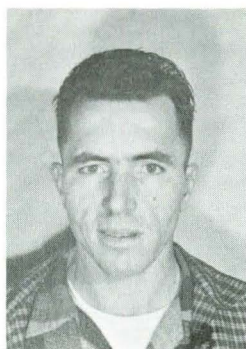
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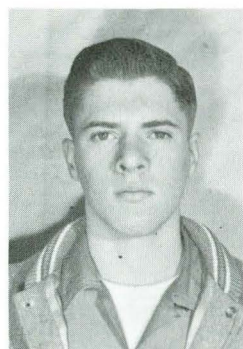
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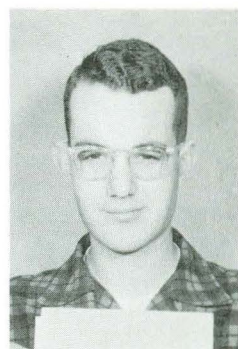
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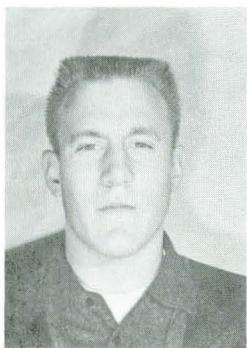
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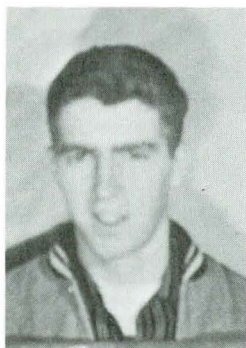
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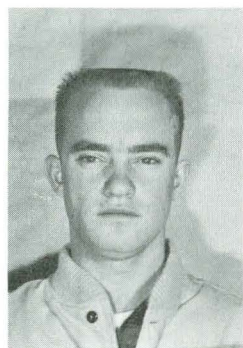
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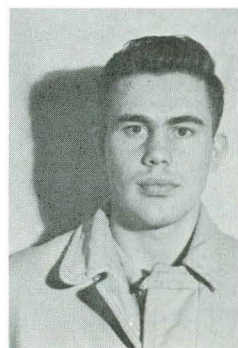
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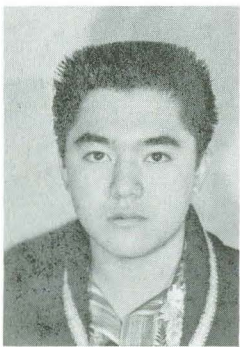
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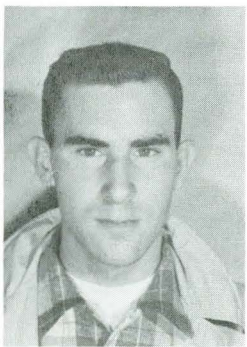
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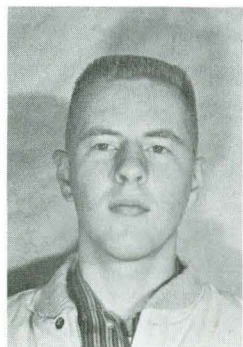
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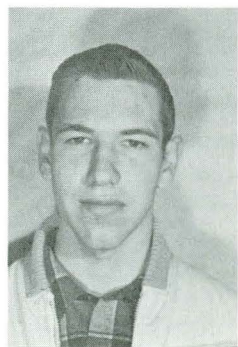
C. Wakida



C. Wells



J. Wilkens



J. Wilson

PAUL BUNYON WAS A PIKER

By Robert E. Swanson

'Twas a "sky line" show with a yard of snow piled
high on log and chunk,
And around the fire by the "whistle wire" the crew
were kidding the punk;
That jostling bunch were eating their lunch, and
talking of screwball schemes,
When a "choker-man" at once began to boast of big
machines:
Of a twelve drum rig, with a boiler so big, the stack
has as high as the spar!
With a playful shove, while drying his gloves, the
"Hooker" then started from par.
"Now I have a hunch, you Sunday school bunch,
think donkeys are something with ears;
Punched, bored, nor drilled, you've never been
thrilled by rumble of ponderous gears.
Paul Bunyan's yarns of colossal barns, and tales
of the big blue ox
Are awfully tame and always the same; in fact,
they're too orthodox.
So listen, you birds, to my truthful words of a tale
of a big machine;
For I'm telling you, that when I am through, you'll
marvel at what I have seen.
In a "redwood show," a long time ago, way down
in the sunshine state;
Down where the crew have plenty to do, and they
log at a "hi-ball" rate,
They had a machine as long as a dream and as wide
as a good sized claim.
You talk of your drums! You home guard bums
should have seen the size of her main!
A twelve-mile haul was nothing at all; her exhaust
made clouds in the sky,
That fell down again in the form of rain, so a man
could never keep dry.
"That ponderous rig was so God awful big; it's
hard for a man to compare;
But to give you the gist, the fireman was missed, we
looked and searched everywhere.
He was getting a drink, I'm inclined to think, and
had fallen into the tank;
Though we grappled around, he couldn't be found
—O! what had become of poor Hank,
So I looked in the glass, and there, alas, was our
fog-promoting toiler—
Floating there loose, all cooked like a goose, in the
glass on the side of the boiler.
Now perhaps you surmise the enormous size of the
monster of big machines,
So you never should boast of "pots" on the coast,
like 'eleven by seventeens'!"

THE NEXT 100 YEARS IN FORESTRY

"Special Centennial Conference"

Oregon State College

Feb. 20-21, 1959

SUMMARY OF CENTENNIAL CONFERENCE SPEECHES

The last century in Oregon forestry has seen a striking reversal from a policy of prodigal land clearing to the greatly improved management we see in our forests today. Within three generations changes have occurred that should guarantee forests forever. Without the forest protection and the forest principles established by the various forest agencies, today there would be no platform upon which to build the future.

The degree and direction of future development of our forests appears to be dependent upon 1) developments in and intensification of research programs, 2) better utilization and productivity, and 3) recreational and product demands from population increases.

Present research programs are inadequate. A comprehensive appraisal of research needs made by the Society of American Foresters in 1953 concluded that present research programs should be increased 4 to 5 fold just to meet the immediate needs, not future needs. We must not only intensify forest research programs, but also widen their scope.

The following remarks about several fields of forestry research are condensations of papers presented by authors in the fields.

Ecology

Ecology will largely determine how foresters will be able to improve and intensify future silvicultural practices. As foresters become increasingly concerned with the maximum quantity of wood and fibre that can be produced per unit area of forest land, we will have to learn more about how trees grow in relation to soil conditions, site factors, living organisms, and the interrelation of these factors. Silviculture can be no better than the ecology on which it is based.

Insects

Insects are one of the greatest single causes of tree mortality, reduced growth, stem deformity and seed destruction in forests throughout the United States. Forest insect research has produced significant results in insect biology and control, yet there is a vast amount of research needed before foresters can consistently grow insect-free trees and wood.

Present investigations need to be expanded and new ones started. Entomologists may be expected to require greater aid from technicians in other sciences in their attack on the more complex forest insect problems.

Genetics

The end of the virgin forests is now in sight and trees are now being raised as a long time crop. Better seeds for immediate use must be obtained through selection and collection from the best existing strains of native species. Artificial cross breeding of strains and species must be accelerated to develop in a single tree the superior qualities



Timberman Photo

Dean Henery Vaux, Dean McCulloch, and Dr. Alfred Hall discuss the matters at hand.

of the parent trees. This has and is being done in grain crops, fruit and vegetables and there is no reason why it should not be done in the forests.

Disease

A greatly broadened program in basic research on the ecology, biology, and physiology of disease pathogens and tree hosts in forest stand development is going to be needed for a sound guide in disease control. Permanent forest disease surveys, accurate damage appraisal, study of forest tree viruses and adjustments in forest management procedures will all be needed if we are to meet the problems precipitated by man in his manipulation of the forest. Research is required to define a set of conditions under which resistance can be maintained.

Harvesting

The approach of a secondary-growth economy in Oregon will require a new approach to planning and operations. Men are needed who can think creatively. The key to harvesting methods in tune with the times lies entirely within the forestry colleges of our country.

Wood Products

Force of competitive products, high labor costs, and the second-growth character of the timber supply will bring many changes in the future. Lower grades of lumber will be consumed for various fibre products, and high grade boards will be built up from defect-free pieces. Laminated beams and plywood will see new uses and manufacturing processes. For the consumer, the future wood product

of tomorrow will be finished and ready to use, and will come wrapped in ribbon-tied packages.

Chemical Utilization

Its future lies in the chemical properties of the tree. Production of key chemicals could constitute the basis for a large and flexible industry of wood-derived products. The most feasible approach for utilization of wood seems to be its separation into cellulose fibres, soluble carbohydrates, and lignin. In spite of many efforts, a major breakthrough is required for complete and fundamental utilization of lignin.

Forest Laws

The early methods of land dispersal caused land frauds and fragmentation which still plagues protection, utilization and management. At state levels, the most pressing problem is in how to tax timber and timber stands. A program recognizing timber as a crop should be developed and taxed accordingly, or the future position of private forestry in Oregon may be jeopardized. State laws may be passed governing erosion, strict regulation of cutting practices, stream and air pollution, state licensing for professional foresters, and progress in weather control may result in legislation to control the controllers.

Recreation

Recreation along the west coast is now a third ranking commercial enterprise, and the pressures now facing forest lands cannot be written off as temporary trends. It is a hard fact, demonstrated by cold figures and fraught with many problems. It is a problem because of unpreparedness. There is reason to believe that in the years ahead forest recreation will surpass lumbering as a business. If the American people choose to use their forests for recreation, then we, as foresters or forest managers, must learn to administer those forests in a manner that will best serve those people.

Watershed

Future population growth in the Northwest will put an ever-increasing pressure on the forest for watershed uses. Failure to meet this challenge can bring unfortunate repercussions similar to those of the south and central Rockies. The time has come when watershed conservation must become a bigger part of our management policies.

Summary

Insects are one of the greatest single causes of tree mortality, reduced growth, stem deformity, and seed destruction. Forest research to date has produced significant results in insect biology and control, however, there is still a vast amount of research needed before foresters can consistently grow insect-free trees and wood. It is generally agreed that most investigations in future years will be of a more fundamental nature as the problems to be solved become more complex. Control techniques need to be more selective; killing only the insect pest involved and not interfering with beneficial parasitic or predaceous insects. To obtain these ends entomologists may be expected to require greater aid from technicians in other fields and more adequate facilities for research.



Timberman Photo

The above display illustrates the mass and variety of material and equipment which the forestry student makes use of.

FERNHOPPER BANQUET

FORESTRY IN TRANSITION

By Ervin L. Peterson
Assistant Secretary of Agriculture



Timberman Photo

Ervin Peterson talks with Dean Sharman, editor of **THE TIMBERMAN**.

I am honored by the privilege of this platform. I am humble as I remember some of the great men of forestry who have stood here before — Colonel William Greeley, George Peavy, Nelson Rogers.

I am pleased to be home . . . to be in familiar surroundings . . . to greet old friends . . . to participate in this conference . . . to discuss a subject of such past, present, and future importance to our State and Nation — forestry.

Oregon this year commemorates a century of Statehood. Her history spans two eras. One saw the ending of the geographic frontier. Men had reached the far places. The new frontier of science began to beckon. A strange new world was dimly visible. Its vistas have been found both stimulating and frightening.

From the beginning of time man had learned more and more about how to use the fruits of his world. Now he has made a beginning of making them multiply — of adapting his surroundings to his needs and wants.

He has ceased his wanderings to build great cities, to link them together by networks of highways, railroads, air lanes.

He has built great systems of communications so that instantly he may know what goes on at any

point of the earth's surface.

He has begun the exploration of his universe—a result of his preliminary exploration of the scientific frontier.

A new age has begun — an age of speed — of change. This new age is fast moving. Forecasts are more difficult. The dimensions of the future cannot be predicted upon events of the past.

All man's activities have quickened their pace. Consider our ability to move from place to place — to travel.

From antiquity man traveled no faster than a horse could go.

The first steam railroad came to being just a little over 100 years ago. Not until 1893 did even a train reach 100 miles per hour.

An automobile reached 150 miles per hour only 21 years ago.

The airplane is a product of this century. At the beginning of World War II, top speed was about 200 miles per hour.

Only 12 years ago, in 1947, did man go faster than sound — 768 miles per hour.

Less than a year ago a military aircraft went over 1400 miles per hour.

Within the past year, jet aircraft were placed in passenger service in this country — only since 1952 anywhere.

Within the past year man-made vehicles have escaped the earth's atmosphere at speeds upward from 20,000 miles per hour.

Who would have predicted 100 years ago that today man would travel from one coast to the other between breakfast and lunch.

Who would have predicted 100 years ago the explosive power would now be measured in megatons?

It took 800 years to change from gunpowder to TNT; only 7 years to change from the A bomb to the H bomb.

Who would have dreamed 100 years ago that today we could sit in our homes and view events as they occur thousands of miles away?

Less than a year ago was the 97th Anniversary of the Pony Express which made communication between St. Joseph, Missouri, and California only 8 days, 80 riders, and 400 horses away.

Who among the Oregon pioneers could have imagined a house in which the climate is fully controlled?

What forester of 50 years ago could have foreseen fighting forest fires and forest pests with airplanes and chemicals?

The bull train, the skid road, the saddle tanker have given way to the diesel yarder, the high lead and the motor truck. What will be next?

Who, 100 years ago, would have imagined that today we would be a Nation of nearly 180 million people? Even a few years ago, in the preparation of the recently published Timber Resources Review, population estimates were 7 per cent low. They changed that much between preparation and publication and since have been further increased.

Our population today is growing twice as fast as it was 50 years ago. A population of over 300 million people will be reached within the next 50 years — within the productive lifetime of some of you here tonight.

No longer is the past a prelude to the future. We cannot safely forecast tomorrow's world by the world we knew a few short years ago or even by the one we know today.

Is there both a warning and a challenge to forestry and foresters in the dramatic march of events — in the acceleration of change which now marks the end of Oregon's first century of statehood? I think there is.

Early forestry was concerned with the harvest and use of the wood nature provided. It required 150 years to deplete the eastern pines — the great forests of the Aroostock country. The Lake States were cut over in 75 years.

The last stand of the harvesters is here in the Pacific forests. The end of old growth is now visible.

What kind of forests will replace the ones we use up?

What kind of use will a growing population want to make of the new forests?

Will people want them as a source of wood . . . as outdoor playgrounds . . . as a home for game and fish . . . as vast watersheds to assure municipal and industrial water supply . . . as natural ecologic areas — a great scenic wilderness . . . as a place to summer livestock — or for all of these things?

Can multiple-use be sustained as a guiding principle in forest management when its concept is relatively new?

Unless the public understands what it is and believes it to be a means of providing what they — the public — want, its continuation will always be under pressure, even as in some places it already is.

In the East and in the Lake States no provision was made for a particular kind of new forest. The result was a marked diminution in the ability of those forest areas to sustain their contribution to the Nation's need for wood and other forest values. The entire economy of those regions was affected. Jobs, payrolls, trade, commerce — all were reduced. The productive base was eroded away. Provision wasn't made for its regeneration. The growth of these regions hasn't kept pace with that of the rest of the Nation.

Here in the Northwest the conversion of trees to usable products has constituted the principal economic base around which the economic, social, and political life of the region has revolved.

The region is growing. Its population is increasing. It seeks a broader and more stable economic base. Can forestry participate in this growth? Can forestry participate in and make a contribution to the more extensive economic growth of this State and of the Pacific Northwest? I think it can. I think it will if foresters develop the vision, the courage, and the will to successfully apply themselves to this objective. Our sights must be raised. Our goals must be of large dimensions.

Today, each U.S. citizen has the benefit of 78 cubic feet of wood which he uses in some form — as wood or derived products. If our population doubles as we expect within 50 years, we must either cut twice as much timber to give each person as much as he now uses — 78 cubic feet — or cut what we now cut and give each person 39 cubic feet — half the present use.

I don't believe wood is going to become less and less useful. Quite the contrary. It should become more useful. We can make it so. We have much of the know-how already. Our problem is the quantity and the quality of the supply.

Much is said about the growth and drain of our Nation's forests. Some people say growth and drain are now in balance; that the task ahead is to keep the two even. To my mind this kind of thinking judges the future by the past. It charts the future as a horizontal plane when even the present as measured by the past is a line approaching the vertical.

Growth and drain are in balance for the use of our present population provided all forests, all kinds of trees — good, bad, indifferent — usable and unusable — are included in our measurements. Present use of soft-wood sawtimber exceeds growth. All indicia point up a need to double present sawtimber growth and triple the growth of soft-wood sawtimber.

The job ahead is to keep the growth of the kind of timber we use in balance with the total annual harvest.

To merely measure total forest growth against total forest drain is to close our eyes to both the present and the future.

A growth-drain balance must be achieved as progressively higher levels of production and use if forestry is to help expand the economy of this State and of all areas of the Nation where forests are located — if forestry is to provide its share of jobs, payrolls, trade and commerce for a growing population.

In some of the European countries a growth-drain balance has been long maintained — in Germany at about 70% of needs, in England at about 9% of needs. Here in America we have the lands, we have the forests. We need to perfect our knowledge of production, of utilization. We need to better the products marketed. We need to raise our sights — to increase the dimensions of our objectives.

Early foresters were largely harvesters of nature's bounty. Public forestry was concerned with being the custodian of the publicly-owned forests. Only within the past 25 years have both private and public foresters begun to be managers of what nature provides.

There is now abundant evidence of need to embrace a still newer concept even though few, if any forest properties, either public or private, are being managed on an intensive basis. The new concept might be called creative forestry — the kind of forestry which, using a progressively enlarging body of scientific and technical knowledge, generates from the forest soils of the country the kind and quality of trees needed to enable the wood-using industry to market the kind, quality and quantity of wood products and wood derivatives which the people of the country want and need.

Creative forestry will be more than growing trees, supervising their harvest, and fabricating them into usable and needed products. It will be the kind of forestry which surveys and measures the place of wood and its products in our Nation's life, and which then proceeds to provide the kind of forests from which the economic stature of wood may be maintained in proportion to the growth of the Nation, to the growth of our entire level of living.

The professional people engaging in creative forestry will be more than foresters — they will be land managers applying to the land management function the most diverse and up to the minute scientific and technological knowledge. They will derive from the forested lands much more than forest products. They will practice multiple-use of the most intensive character. An exploding population presenting a pressure of people against our land space will permit no less.

Food, water, habitat for fish and game, recreation, scenery, forage for livestock — all these values will be provided to the maximum of the land capability. Indeed, creative forestry will take control of nature. We will grow more and better wood per acre. We will manage all our forests big and little, public and private, at the maximum degree of intensity which a growing body of scientific and technological knowledge will permit.

Our first and most immediate task is to enlarge our capability to supply the needed technical abilities. Research must expand in all its areas.

Curricula in our forestry schools must be sufficiently comprehensive not only to provide instruction in technical forestry, but to relate it to the economic, social, and political climates in which forestry is to be practiced.

Last year there were planted in this country over one billion trees — just trees largely as nature has developed them—not trees scientifically tailored to a specific end use. Forest genetics responsive to fabricators and merchandisers of wood and wood products must come fully awake to its challenges.

Last year there were 61 million recreation visits on the national forests alone. This kind of use generates pressures to modify management plans and objectives. What will be the longer run impact on all forestry?

About 75% of private forest lands are in small ownerships. Most of them are making little or no contribution to the Nation's use of wood and wood products. How are they to play their full part in meeting the needs and want of our growing population for the values they are capable of providing?

Who is to be responsible for bringing them to productive status?

Will the effort be public or private, or a combination of both?

Here is a challenge to private foresters and private forest industry of a first order of magnitude. Presently a vacuum exists. Government is strongly attracted to such situations.

Fire is still a great destroyer of forest values, but not as great as insects and disease. The entomologists, the pathologists, the chemists must all run faster.

Boards and papers are still the basic products of forest industry. Utilization research must be expanded to develop products tailor-made to specific end uses. Moreover, all the volumes of all the trees needs to be made economically usable. If millions of acres of low grade, low value forests are to be replaced by man created forests, a feasible means must be found to use what is now growing.

Many forests are primarily watershed lands. Forest engineers must find techniques to remove forest values while avoiding damage to these watershed values.

Forests are the home of most of our game animals. We need to learn how to completely use the forests without making their homes untenable.

More than anything else foresters, in teaching, in research, in management—whatever their place in the field of forestry—need to feel the urgency for applying intensive management to all forest lands and to moving from forest management to creative forestry which I am convinced will be the forestry of tomorrow.

As our State crosses the threshold into her second century of Statehood, let us equip ourselves with the knowledge, the vision, the determination that her magnificent forests shall participate as fully in the second century of her development as they have in her first one.



Timberman Photo

President Strand, Governor Hatfield, Irvin Peterson, Dean McCulloch, and Dean Lemon enjoy an after dinner chat.

Let us not be afraid to accept objectives of grand dimensions. Let us determine that there will be rising—not declining—volumes of usable products coming from our forest lands.

Let us determine also the multiple-use to serve the varied desires of a growing populace is a solid character of creative forestry.

The decisions we now make will be reflected 50 to 100 years hence. Will the people of that day praise us for our foresight or damn us for lack of vision?

Our forestry future can be as bright and great as we choose to make it. We have made a good start. Let's now get on with the tasks before us with vigor and determination to use what knowledge we have effectively while increasing it to achieve the still greater effectiveness we will need as public use of wood continues to grow.

The interests of private enterprise and of public forestry are common and complementary. We have common objective in maintaining a healthy, prosperous, progressive forest products manufacturing industry.

We have common objectives in broad and permanent markets upon which such an industry depends.

We have common objective in maintaining public acceptability of wood as a building material and as a raw material for manufacturing processes.

We have common purpose in maintaining a strongly supported program of forestry research and education from which comes the new knowledge needed to manage our forest properties most efficiently and productively, how to attain broad uses for wood and its derivatives, how to develop economic use for forest growth which presently has either low economic value or none at all.

And, let us ever remember that our Nation has been brought to its present eminence by the inventiveness, the industry, the ingenuity of a free people where individual creativeness producing goods or services of value to others has been rewarded. Likewise, indifference to opportunity, slothfulness has been punished.

Reward and punishment have not been assessed by Government—by public authority—but rather by our economic system—by the tens of thousands of decisions made every day—yes, every hour—by the people who use the goods or services offered.

This competitive system involving as it does profit and loss—and loss or the prospect of it is what keeps it competitive—has diffused widely among our people an ever-increasing flow of goods and services. We have more of everything more widely distributed than has ever been achieved before in the history of this or any Nation.

We can keep and further perfect this system or we can, even unintentionally—throw it away. More and more our people are looking to—yes, demanding it—Government the assumption of all kinds of responsibilities which the people are capable of and heretofore have redeemed themselves.

A Government has responded, it has necessarily taken in taxes more of the rewards which come from the application of individual creativeness and industry.

As it has done so, people are less able to do for themselves. Thus, they again ask Government to assume still additional programs. And so, the process repeats itself.

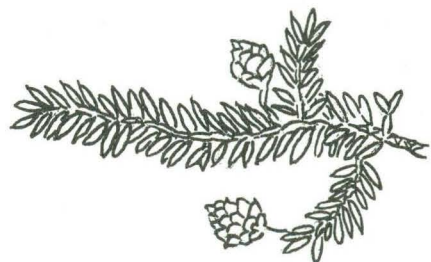
Today, Government undertakes to do so many things it does none or, at best, few of them well. Moreover, it is big. It is too big for effective management. Few persons can envision its involvements. Certainly the individual citizen can at best poorly understand its processes even when they concern him most intimately. Neither can he effectively contest its decisions.

Big Government seems remote from us individually. It is, in fact, as close as the next tax payment. It seems to offer us something we can get from it more easily than we can secure the service elsewhere. Yet, it can give us nothing except what it first takes from us of our wealth. For Government is not a creator of wealth; it is only a user of what has first been created by the people.

These simplicities we tend to ignore. Too many by their silence acquiesce in the perpetual growth of Government at the expense of the private economy. If we are to achieve the new frontier in forestry, if as a people we are to have an ascending level of living, if we believe in the America we know, we need to give our attention to the things necessary to preserve and encourage the application of individual creativeness, industry, and ingenuity.

We proclaim our faith in a free society. As individuals we need to more effectively demonstrate that faith.

Yes, we have to grow trees. Let us also grow people who will measure up to the heritage that is America, that the trees we grow will grow to have meaning to further generations of individuals as they have meaning to us.



SOME CURRENT EVENTS IN RECREATION

by "Casey" Randall

When I was asked to prepare a short article on recreation I was assigned no specific aspect of the subject. Therefore, I am going to use this opportunity to bring to your attention a few current items of which you should be aware. I shall try to be factual, brief and to the point. Although one or two of the topics are of a controversial nature I will endeavor to avoid any overtones of bias. It is my hope that when you have finished reading this article that you will be more fully aware of the events that are transpiring, and that you will feel it incumbent upon yourself as a professional man and resource conservationist to become better informed on these matters.

In the table below is the Forest Service tabulation of the total recreation use of all national forests for some of the past years.

Year	No. of Visits Thousands	Man-days Use Thousands
1941	18,004	26,933
1946	18,240	33,561
1950	27,368	38,932
1955	45,712	62,102
1956	52,556	69,713
1957	60,957	80,240
1958	68,500	83,365

By 1969 the Forest Service estimates that 130 million people will be using the national forest areas for recreational pursuits. If expected trends of use continue there is the possibility of 600,000,000 visitors annually by the year 2000.

Statistics on recreational use of forest lands administered by other agencies show similar trends.

These statistics are not cold, inanimate figures set down on paper to impress a cold and calculating individual. They represent people, people whose needs and wants are akin to and as urgent as yours and mine. The question now is are we adequately preparing to meet the impact on the forest of this burgeoning use? Are present plans sufficiently far-sighted and flexible? Are we sufficiently aware of the multitude and magnitude of the problems that will arise? What will be the effects on those portions of the resources that will bear the brunt of constant and prolonged recreation use? What will be the impact of recreational use upon other important uses of and needs for the resources?

How can conflicting and multiple uses of the resources be best coordinated and harmonized? Are we training and encouraging specialists in recreational use of forest lands? Will money and other support be available as needed for requisite planning, development, and improvement work?

These are the times for decisions and actions. If properly managed, the forests can reasonably be expected to absorb and sustain a substantial portion if not all of the expected uses. Resource managers are capable of doing the job if they have the support that is needed.

Almost a year ago Congress enacted Public Law 85-470, better known as the "Outdoor Recreational Resources Review Act". It is an outstanding milestone in the history of recreation legislation.

The purposes of the act are:

(a) "... to preserve, develop, and assure accessibility to all American people of present and future generations such quality and quantity of outdoor recreation resources as will be necessary and desirable for individual enjoyment, and to assure the spiritual, cultural, and physical benefits that such outdoor recreation provides."

(b) "... to inventory and evaluate the outdoor recreation resources and opportunities which will be required by present and future generations."

(c) "... to make comprehensive information and recommendations leading to these goals ..."

To accomplish the purposes of the act a 15-member National Outdoor Recreation Commission is authorized. Eight of the Commission are members of Congress, four senators and four representatives. They are members of the Committee on Interior and Insular Affairs from their respective chamber. The President appointed the remaining seven members. In the words of the act, they are citizens "known to be informed about and concerned with the preservation and development of outdoor recreation resources and opportunities, and experienced in resource conservation planning for multiple use purpose".

The Commission was appointed late last summer. All congressional members are from the West with but one exception. The seven citizen members are all capable people. Mr. Laurance Rockefeller, citizen member of the group and founder of the

Conservation Foundation, was designated as chairman of the Commission. Two of the members are professional foresters, and another is associated with the American Forestry Association.

The act directs the chief administrator of each federal department or any independent agency with an interest or responsibility in recreation to appoint a liaison officer to work with the commission.

The commission was directed (and has already done so) to appoint a 25-member advisory council. Council members were chosen from various sections of the country, and represent many state and municipal agencies, and private interest groups concerned with various aspects of resource management.

Duties of the commission are:

(1) "... to set in motion a nationwide inventory and evaluation of outdoor recreation resources and opportunities, directly and through the Federal agencies, the States, and private organizations and groups, utilizing to the fullest extent possible such studies, data, and reports previously prepared or concurrently in process . . ."

(2) "... (to) compile such data and in light of the data so compiled and of information available concerning trends in population, leisure, transportation, and other factors shall determine the amount, kind, quality, and location of such outdoor recreation resources and opportunities as will be required by the year 1976 and the year 2000, and shall recommend what policies should be adopted and what programs be initiated . . ."

The commission is directed to complete the study and submit its report to the President and to Congress not later than September 1, 1961. The Commission and its functions will then be terminated within one year.

An inventory of the non-urban recreational resources of the nation has long been needed. Without a thorough knowledge of the resources and the demands likely to be made upon them, proper management and planning are not possible. Time is short and the assignment and responsibilities of the Commission are great. However, the Commission appears to have the type of organization and associated personnel necessary to do the job properly. In time, the National Outdoor Recreational Resources Review Act may prove to be the most important piece of recreational legislation to date.

Presently before Congress is one of the most controversial pieces of resource legislation in the past 50 years. In 1957 a number of similar bills were introduced into both the House and Senate proposing a "National Wilderness Preservation System". Hearings were held in Washington in June, 1957 on S-4028, but the bill was not reported out by the Committee on Interior and Insular Affairs. Between sessions the bills were partially revised in the attempt to make them more acceptable to a developing opposition. Hearings were again held in Washington, and in a few localities in the West after Congress adjourned. Last February S.1123, a new revised wilderness bill, was introduced in the Senate. H.R. 4367, a similar bill, was presented in the House.

Hearings on the Senate bill were held in late March and early in April in Seattle and Phoenix respectively.

S.1123 would establish a "National Wilderness Preservation System" composed of federally owned or controlled lands "retaining their primeval environment and influence and being managed for purposes consistent with their continued preservation as wilderness." Areas to be incorporated into the proposed system include wilderness, wild, primitive and roadless areas in the national forests; roadless areas in national parks and national monuments; wildlife refuges and ranges; and selected Indian lands, after consultation with the appropriate tribal council or proper authorities. Addition to, modification of, or elimination from any area in the system may be made by the Secretary of Agriculture or the Secretary of Interior after public hearings are held. Either of the houses of the Congress may veto the action of the officials. The Act would also create a National Wilderness Preservation Council. The Council would serve as a repository of documents, papers, maps, etc., pertaining to areas in the system, but would have no jurisdiction over areas within the system nor over the federal agencies administering them. However, the Council is authorized to make any recommendations to Congress it deems advisable.

The bill has evoked widespread interest and has stimulated considerable discussion. Scarcely anyone who is familiar with the provisions of the bill is neutral. Unfortunately there are far too many people who have neither read nor studied the bill.

Limited space prevents a thorough analysis of the bill here. However, recorded below are arguments given by proponents and opponents to support their stand. Proponents urging enactment of the legislation argue that the bill will provide legal safeguards for wilderness type areas; will protect resource managers from special interest pressure groups; will protect wilderness type areas from encroachment by non-compatible uses; will safeguard wide-roaming wildlife by providing adequate range; will assure our booming population of adequate areas to get away from urban influences. Opponents to the bill state that present administrative agencies and procedures have been doing a good job; that it undermines multiple use; that it will stimulate special use legislation; that it legislates land-use management; that it will have an adverse effect on recreational opportunities for the general public; and that such legislation is premature until after the report of the National Outdoor Recreational Resources Review Commission is available in 1961.

The above list of arguments is by no means complete. Resource managers and others interested in the proper conservation of our natural resources will be negligent in their responsibilities as professional men and citizens if they fail to familiarize themselves with the provisions of this bill, and the effects it will have on resource management.

In 1946 the Regional Forester of the Pacific Northwest Region established 14 limited areas in

Oregon and Washington. A limited area is not an area dedicated for special recreational purposes. Rather, it is a local region designation for national forest lands having outstanding recreational value, but which at the time of their classification could not definitely be dedicated as a specific type of recreational area because of lack of information, time and knowledge of probable development. Within such areas no permanent roads or provisions for motorized transportation are permitted, nor is commercial timber cutting or occupancy under special use permitted without authorization of the Regional Forester.

One of the areas established in 1946 was the 347,525-acre Glacier Peak Limited Area, located in the north-central Cascade Mountains of Washington. The area is noted for the rugged grandeur of the mountain peaks, glaciers, alpine meadows and deep valleys. In 1957, after the completion of a land management study, the area was proposed for dedication as a wilderness area. Last February, the Forest Service announced that public hearings will be held on the proposal in mid-October in Bellingham and Wenatchee, Washington.

The proposed Glacier Peak Wilderness Area will be approximately 422,925 acres in area—about 22 per cent larger than the original limited area. The proposal has wide public support. There appears to be no significant opposition to the establishment of this wilderness area. However, objections have already been voiced with respect to the location of the proposed boundaries. Some groups are agitating for an area a million acres larger, and others would like to have Congress establish a national park in the area.

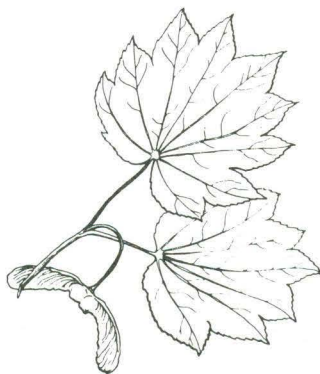
The National Park Service recently completed an "... inventory and report on important remaining undeveloped areas, or areas with relatively sparse development, valuable for recreation and other public purposes, along the Pacific Coast." Altogether 1743 miles of shoreline were appraised. The results of the study and the recommendations proceeding therefrom were recently published under the title, "Pacific Coast Recreation Area Survey."

An outgrowth of the study has been the announcement by Senator Neuberger that he will introduce legislation proposing the creation of a national seashore along the central Oregon coast to include the Sea Lions Caves and sand dunes areas farther south. According to newspaper reports considerable opposition has been voiced by residents of the area affected.

There are two other House resolutions that pertain to recreation. H.R. 248 bears the title "National Forest Public Use Act". Section 2 of the act provides that 10 per cent of the annual national forest receipts, but not to exceed \$10,000,000 in any one year, be set aside in the Treasury in a special fund. The money would be spent for the development, operation and maintenance of recreational areas and facilities, and the maintenance and improvement of wildlife habitats on national forests. Similar legislation has been introduced in previous sessions of Congress and has died in committee. This resolution is expected to have a similar fate.

H.R. 290 would "make the evaluation of recreational benefits and wildlife development resulting from the construction of any flood control, navigation, or reclamation project an integral part of the planning . . ." No information is presently available on the progress of this bill.

Foresters are conservationists and recognize recreation as an important and legitimate use of the forest resources. They also recognize that the best conservation is the balanced and coordinated development of the resources for all uses and benefits. Professional foresters are best qualified to exercise leadership in this field. They must exercise this responsibility at all times, and keep the public adequately informed concerning what they are doing and why. If they are negligent in any aspect of their leadership there will be others less qualified who will be ready and anxious to take over. By exercising the needed leadership in the recreational use of the forest resources foresters have the finest opportunity of earning public support for all aspects of multiple-use forest management.



WHAT'S NEW IN LOGGING

by John O'Leary

Logging is an ever changing business, so first we will have to designate a certain period. Let's say, "What's new in logging in the past few years?" Next, let's break it down into its component parts and look at them individually.

Falling and Bucking: One gets the first impression that here, very little, if any, change has taken place, but when one looks a little closer, he finds this to be untrue. The equipment, it is true, hasn't changed too much; maybe the saws are a little lighter and a little bit more powerful for their weight, but the significant change seems to be in other facets. The method of payment, for example, is undergoing quite a change. The trend, especially in the larger companies, definitely seems to be from the "busheling" method of payment to the "per day" method. Experiments in "pulling" trees to reduce breakage are still going on, and the results seem promising. New, lighter, more powerful wedges are in the offing.

Yarding: Here we have a number of significant changes. The skyline cranes seem to be coming into prominence little by little as we get back up against that impossible rock sidehill. Plans have materialized to a point whereby during the next year we will probably see one or two Wyssen Swiss Skyline Cranes in operation here on our own "West Side". Two of our own West Coast Companies have manufactured their own Skyline Cranes. These machines are now in operation undergoing woods trials before being placed on the market. One is quite different than anything seen in the woods before. The skyline is hung on stanchions similar to a ski-lift. The carriage has a built-in diesel engine, torque converter, drum and radio receiver. The one drum donkey sits on top of the hill, and the carriage is operated from the ground by a radio transmitter. Old P. Bunyan would have crept back into the brush utterly bewildered if he had ever encountered anything like this. The portable spars manufactured here in the States and Canada have made their appearance and have cut quite a swath for themselves in the process. Although some say they have certain disadvantages over the spar tree no one can discount the fact that lot of rigging-up time can be saved with one of these rigs.

The various manufacturers of equipment for yarding thinnings are having a thoroughly confused heyday. No one can come to any sort of an agreement as to the best way to do it. Some say wheeled tractors, crawler tractors, or converted farm tractors, while others insist that old dobbin has them all beat.

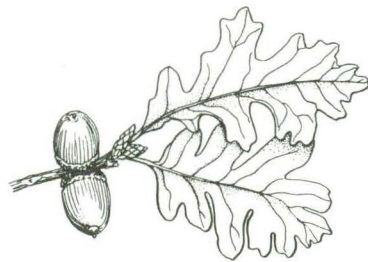
Tractors themselves have undergone quite a change. They are all getting bigger and more powerful. Some have changed colors, we even have a chartreuse line out now. One model is so large it employs two huge engines to do the job; it is necessary to take it apart right down the center line when moving it on the highway.

Loading: The swing in the Douglas-fir woods in Oregon is away from the boom loading systems and toward the more mobile shovel loaders. A newcomer to the woods is the "Grapple". This "fellow" has really taken over lock, stock and barrel in some areas of our state. Some say the Grapple saves a company at least \$5 on each peeler log due to the absence of the tong holes. They also boast advantages of speed, safety and economy.

Hauling: Trucks continue to pack the heavy load in the major transportation system and will continue to do so in the foreseeable future. Our new trucks boast more power and speed, for a safer haul. One new wrinkle in the private truck haul is to weigh the load and convert from pounds to board feet by means of a conversion table. This, of course, will do away with the expense of scaling and lost time due to scaling. Bunk scales have been perfected and are in common use.

Unloading: The electric and diesel electric unloading devices have carved their niche these past few years. Here again, the advantages include speed, safety and economy. We have a relatively new rig, operated by a diesel engine generating electric current that is capable of unloading trucks and stacking the logs into low, long, cold decks doing away with the stowage pond altogether.

What will we see in the logging picture in the next few years? Surely the changes will be as great if not greater than the past few. Air logging will most likely not come of age in the next five years, but surely no one doubts that it will be here someday. Already experiments have proven that helicopter yarding or swinging is possible, but for the time being, economically unfeasible.



Turkey—Its Forests and People

by Leo A. Isaac

Turkey is a romantic country that dates back to the dawn of civilization and the beginning of recorded history. Everywhere ruins remain as grim reminders of ancient glory.

It has an area of about twice the size of Oregon, circled on the north, west and south sides by low coast range mountains and crossed in the east by the high Taurus Range. The entire central part of the country is a high, semi-arid plateau called the Anatolian Highlands.

Once the center of world civilization and development, this vast country is now cluttered with an impoverished people trying to make a living on worn out, eroded and overgrazed land. The population of 23 million live mostly on the land and from their flocks; it is estimated that there is a goat for every man, woman and child in Turkey, a similar number of sheep and lesser number of cattle, horses, donkeys, water buffalo, and camels. Many of the people drift with their flocks to the highlands in the summer and back to the coast or villages in the winter. Their chief foods are meat, dairy products, wheat, rice, fruit and vegetables. Over 80 per cent of the people live in the country or in small villages. Their crude homes, usually one or two rooms, are made of rough timbers, stone or mud bricks or a combination of these.

Since foreign aid (mostly American) became available, a widely spaced system of truck roads have been developed and are being extended into forest areas. A mainline railroad with several short branches (built by Germany) crosses the country from west to east, and coast towns on the north, west and south have a low grade freight and passenger boat service.

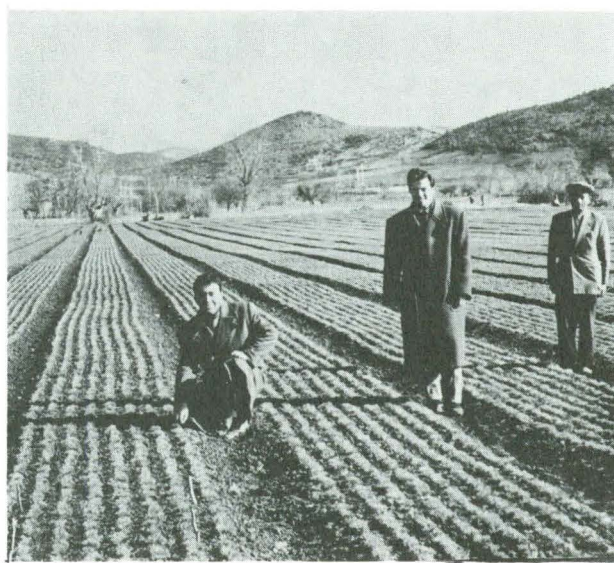
Turkey was once a well-forested country, but hundreds or even thousands of years of over-cutting and over-grazing have reduced the commercial forest area to less than 15 per cent of the land surface, and a third of this is held to a brush stage by over-grazing. The National Government claims ownership of practically all forest land and employs nine thousand guards to police it. But the people, through an age-old custom, claim the right to forest use and as a result all forest area is over-grazed; in spite of the guards, approximately half of cutting is done in trespass. Cutting is done for all domestic purposes, such as housing, fuel and stock food.

Turkey has had an organized Forest Service for over 100 years, with a headquarters at Ankara and branch offices in all parts of the country. For many

years they have had a well-equipped, Government supported Forestry College, and the Forest Service employs between seven and eight hundred graduate foresters.

Most forest headquarters are now supplied with Willy's jeeps, station wagons or trucks (again from American Aid) to get around their districts. The Government does its own logging, and owns most logging installations and saw mills. A few small sawmills are privately owned. The Government has three short narrow gauge logging railroads and one overhead cable logging system (taken from a Belgian Company about 25 years ago). Most highway log hauling is done with trucks and trucking is on the increase, but practically all logs are still brought out of the forest on wagons or crude two-wheel carts drawn by water buffalo, cows or horses. All skidding is done by these animals. Poles and fuel wood are often handled by hand or brought out on small donkeys.

Turkey has about a dozen important timber trees. They are: Scotch Pine, Austrian Pine, Aleppo or Red Pine, Stone Pine, Turkish Fir, Oriental Spruce, Cedar of Lebanon, Black Poplar, Beech and Oak. The forests occur in a patchwise pattern on the slopes of the coast range Mountains that circle the country on the south, west and north sides. The latter includes the Black Sea slopes which support the best stands and constitute an excellent forest growing site like the west slope of the Cascade Range in Oregon.



1. Good 1-0 Austrian pine (*Pinus nigra*) at Dursunbey Nursery.

Because of population pressure and the age-old demand from the people for land, for cultivation and grazing use, no system of sustained yield cutting has been worked out. Each year many more hectares of productive forest land are destroyed by fire, grazing and cultivation, than are restocked by planting or natural regeneration. In the more open pine forests of the semi-arid interior and southern Coast Mountain slopes over-grazing keeps down the natural regeneration, while in the dense stands of the Black Sea slopes cutting is so light (1 cubic meter per hectare) that the single tree openings are filled with broadleaves and the more valuable conifers are gradually being eliminated. In a desperate effort to save their remaining forests the Turks are making this light cut to avoid the encroachment of cultivation, and of grazing, but they do not seem to realize that they are slowly eliminating their valuable conifers.

This is where my assignment comes in. I was asked by the United Nations to assist the Turkish Government in selecting species and areas for reforestation, and to aid in reforestation technique.

Reforestation in Turkey started about 1930, shortly after Ataturk, the great Turkish patriot and dictator, took over the army and the country and drove out the Greeks. He set up a republic and attempted to westernize the country, and reforestation was part of this plan. About 1950, young Turkish Foresters were sent to this country under the American Aid program. They studied for one to two year periods in American Forestry Colleges and worked in American Forest Nurseries and on reforestation projects. Some of these men returned to their country and were able to put into effect what they had learned. When I arrived in Turkey in October, 1956, I was surprised to find (at Dursunbey) a forest nursery that would be acceptable most anywhere in this country. They were raising good 2-0 root-pruned pine plantings stock at a very low price. But there were about 2 dozen additional nurseries that were progressively poorer, many producing low grade transplants at a very high cost. The task before us was to bring these nurseries up to standard.

The 5-year reforestation plan started in 1955 calls for the planting of a total of about 90 million trees a year but perhaps not more than half of that goal has been reached to date. Most planting is done with a home-made grubhoe type of tool using either the center-hole or side-hole method. But over a great part of the country site preparation is necessary. In western Turkey a non-sprouting (*Cistus*) brush follows forest fires and strips must be cut through it before trees can be planted. On the moist Black Sea slopes the eradication of scrub oak, rhododendron and other brush is so difficult and costly that it is almost prohibitive and accounts for the fact that little planting has been done there. On the hot dry slopes of south Turkey sites are often so severe that it is necessary to use potted stock or to terrace the hillsides in order to get trees to grow.

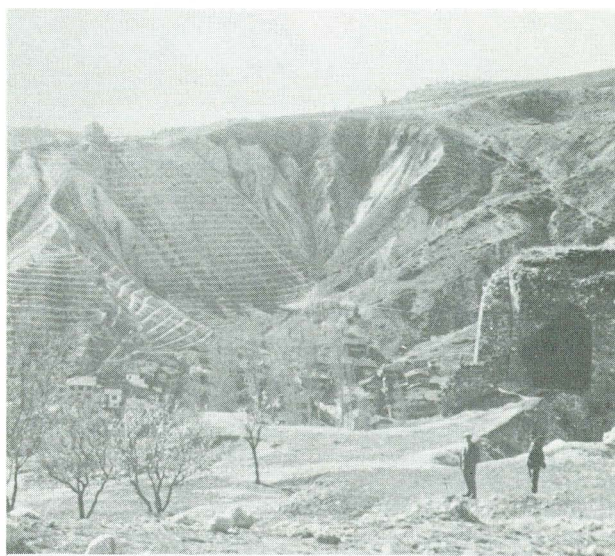
Both in the forest nursery and field planting operation the women of Turkey do a considerable portion of the work; for this they are paid from 3 to 5 Lira a day which is equivalent of 30 to 50 cents in U.S. money.



2. Three month old Aleppo pine (*Pinus brutia*) in foreground and 3 year old seedlings in background—Antalya Nursery.

Throughout the country the pressure of grazing and cultivation is so great that it is necessary to put a guard on a plantation area before a tree is planted. And the guard must remain there day and night until the planted trees are above the reach of grazing animals.

Forest areas destroyed by grazing, cutting and fire are still greater each year than the area reforested, but Turkey is making real progress both in the rate of restocking and in technique. Except for Israel, Turkey is far ahead of all other Mediterranean Countries in a reforestation program.



Structure on left is one of the defense towers of an ancient castle that covered this hilltop a thousand years ago. Steep eroding slopes on a severe site terraced for planting.

WE PRESENT DEAN THERD SUPRICHAKORN



The tropical atmosphere within the School of Forestry this year was generated by the presence of Dean Therd Suprichakorn, of the College of Forestry, Kasetsart University, Bangkok, Thailand.

Dean Suprichakorn's background is one of considerable distinction. A graduate of the University of the Philippines (1937), he rose through the ranks of the Royal Thai Forest Department to become successively Provincial Forest Officer and Divisional Forest Officer, before being appointed Director of the School of Forestry at Phrae, in northern Thailand. This School was later made a part

of Kasetsart University, and was moved to Bangkok.

His later background includes a 1953 study tour of the Forestry Schools in the area east of the Rockies. We are honored that he chose to spend this year with us to earn the Master degree under the auspices of an ICA scholarship. We have genuinely enjoyed having him for reasons too numerous to detail here, but not the least of which are his friendly personality and the high quality of his scholarship. We wish him "sawatdi", the Thai equivalent of "bon voyage".

OFFICE STAFF



Sharon Meeker



Lorraine Pape,



Clara Homyer



Pat Allison



Shirley King

ACTIVITIES

"O" DAY

"O" Day this year was a bit of new twist. The past years have always seen contests and exhibitions in wood's skill. "O" Day arrangements this year included only seniors, freshman and transfer students. Seniors escorted the new men through the Forest Products Lab and McDonald Forest, adding those little tidbits that only seniors can.

A car caravan was assembled behind the school in the morning of "O" Day. Each driver acquired four new students to whom he was to "explain" the events of the Day.

After a lightning fast tour of the Lab's facilities, the fleet of gas burners headed west to the hills of Mac Forest. Mention of the fact should be made that six of thirty-odd senior drivers who made up

the caravan, unfortunately, got lost during the tour of the Forest. Seems that "parking-spot" roads were the only ones they really knew.

At the cabin, Mac delivered a "welcome" message with his usual deliberate approach. An introduction of Club Officers was made by Forestry Club President Mick McDowall — and club cards were sold. Following this brain-washing, coffee and doughnuts were served to many hungry mouths.

All-in-all, the day was considered well worth while. Seniors had a chance to get acquainted with their "four" and the freshmen and new students spoke highly of the facilities and days activities.

XI SIGMA PI



Members are: 1. to r.

Front row—Marshall Murray, Robert Womack, Chuck Stoddard, and Jerry Franklin.

Back row—James Lukert, Jon Hoefer, Ken Meyer, Bill Chalmers, Don Wommack, Bill Ellison, John Ifft, Art Stebins, Ralph Charmichael, and Mike Newton.

FORESTRY CLUB

This year's Forestry Club successfully undertook many activities, most of which would fall under the heading of old business, but with reservations. "O" Day was changed to a senior-conducted tour followed by a talk given by Dean McCulloch. The Fernhopper Banquet, held in conjunction with the Forestry Centennial Conference, was a monumental undertaking which required many people giving large amounts of time and effort. This year's Spring Thaw Committee has very ambitious plans for a bigger and better program based on a Centennial theme.

*Note: This year's Annual Cruise will be another expert production and will be out ahead of schedule as a result of hard work and good planning.

Due to the caliber of speakers arranged for this year the club meetings were principally for entertainment, with special meetings for business matters. This year's meetings were very rewarding as

shown by the attendance which broke all existing records and included students and faculty from other schools, and alumni.

On the new business side of the ledger, the club initiated the Aufderheide Award to be presented at the Spring Thaw. This is a plaque awarded to a forestry professor on the basis of an all-school vote as to outstanding teaching abilities. The Hi-Lead, through the many hours spent by its staff, acquired new stature, both in content and by being printed in news type. The club cabin saw some changes as the surrounding area was cleaned up and new parking bumpers were installed along with a club cabin sign. The Club treasury was augmented, this year, through two tree planting contracts and the sale of the new Forestry Club pins. This added revenue was used for cabin improvements and to have a picture of the queen of the Spring Thaw in the college yearbook.

CLUB SPEAKERS



Dr. Reichart expresses his views on the subject of citizenship.

The first club meeting of the school year featured a panel discussion on the subject of "the student and citizenship." Members of the panel were George Gleason, Dean of Engineering; Dr. Reichart, Professor of Educational Psychology; and J. F. Ligon, Professor of English. Citizenship was defined as allegiance to a country which implies certain individual qualities and responsibilities. It was mentioned that the student has an obligation to find out things for himself. The panel also decided that the citizenship problem is not measured by one's G.P.A.

The Fernhoppers featured Mr. Robert Stillinger, technical director of the Lebonite Division of Cascade Plywood Corporation, as the speaker at the second club meeting. The subject, "Utilization of Wood Wastes," and the work that Cascade Plywood is doing in this field was the topic. Mr. Stillinger divided his talk into four categories: 1—Trends in the forest industries; 2—Lebonite processes; 3—Wood residues; and 4—Products currently being used.

Coach Tommy Prothro highlighted the third club meeting when he talked on the inside story of football at OSC. The subjects of athletic policies, practices of coaching and recruiting of football players were mentioned. A movie of the 1958 OSC Stanford game was shown. The talk gave everyone a better view on how football and sports tie in with education at OSC.



Hey Mac. Wake up.

At the fourth meeting on February 17, Dean Karl Onthank, Assistant Dean of Men at the University of Oregon and past president of the National Federation of Outdoor Clubs, talked on the justifications and purposes of wilderness areas. Although Dean Onthank's views on wilderness areas were different from many foresters, a valuable understanding concerning the other person's views and hopes on such forestry problems was gained.

The Forestry Club honored as its speaker at their fifth club meeting two favorite standbys from the Class of 1910, T. J. Starker and Harold D. Gill. Mr. Starker is a landowner and forester in Benton County, and Mr. Gill is with the J. K. Gill Company of Portland, Oregon. The subject of the evening was "the last 50 years in forestry." Mr. Gill started the evening talk by recalling many tales from the earlier days of his career. Many of his stories related to the area around the Olympic Peninsula. Mr. Starker concluded the talk with some of his past episodes of early college life and a short resume on his present proposal on Oregon forest land taxation.

SPORTS



Team members are: (l. to r.)

Front row—Dick Beers, Paul Hanson, "Dutch" Notenboom, and Larry Wier.

Back row—Monroe Kimsey, "Mick" McDowall, Bob Gustafson, and Mike Newton.

When one looks at the accomplishments, the past year of "Fernhopper" athletic activity must be termed successful. This year's accomplishments were as follows:

1. The forestry basketball team captured the "C" division independent championship — without the benefit of a single practice session.
2. The A.W.F.C. team journeyed to Moscow, Idaho, to record a clean sweep — the first in conference history.
3. The tug-of-war team pulled to a win over

Tommy Prothro's football team — the third win against no losses.

Individually, Mike Griggs and Jack Weisgerber performed as members of the varsity rifle and ski teams respectively. Bob Bellamy was judged the outstanding contestant at the annual meeting of the A.W.F.C. In addition, Bob took second place in the heavyweight division of the intramural wrestling program. Ray Schenck, currently with the "pros" showed well at the Albany Timber Carnival of last July.

Ken Paproke

THE HI-LEAD



Hi-Lead staff members are: (l. to r.)

Sitting—Chuck Martin

Kneeling—Doug McClelland, Chuck Johnstone, Chuck Switzer, and Dave Smith.

Standing—John Robatcek, Tom Cody Sr., Jerry Franklin, Mike Newton, and Bob Irwin.

Only those who have been trapped in the murky, smoke-filled cellars from which the *Hi-Lead* has periodically emerged throughout this year can fully vouch for the sanity of the following post script.

WE TRIED.

It was rumored that the scandalous pages of our paper held many hidden meanings, were seditious, were immoral, and often pointedly critical, (always done in unsigned articles), of the local administration . . . this is true! We carried that feeble flame of justice sloppily through the halls of the *BRICK* forestry building with normal undergraduate enthusiasm. Too often the individuals carrying it were burned; however, we all recognized that as an occupational hazard . . . and left school without much fuss.

Probably nobody but the "staff," realized that this was the first year the "good old" *Hi Lead* has been printed. We owe this first among firsts, to the financial backing of some fine people outside our normal sphere of influence, particularly to the following fine people:

G. S. Gray Logging Company

Crown Zellerbach Corporation

Dante and Russell

Our debt to these people is great. I'm sure the

only financial return for their investment, which is significant, is the intangible value of students appreciation. We did appreciate everything, sirs!

William Ferrell was our advisor. Whether this is an honor or not is dubious. Doctor Ferrell is certainly the hero of our publication. He put up with plenty. The editor always had his ear, and is planning to return it shortly, and for this he (the editor) is grateful. It is our hope that next year's staff will fully appreciate Bill, as we have.

The staff of the *Hi-Lead* feels certain that many of our brilliant writers missed their calling. Such outstanding literary accomplishments as the "Cat Man," "Dear Abney," "Randy Rumors," and "Pistol Fumes" will live on, somewhere. If people think that the *Journal of Forestry* has outstanding technical coverage, they certainly missed Mike Newton's trilogy on brush control, among others. These articles and men are responsible for the hash made of the student-faculty relations.

Yet, when the last crumpled sheet was thrown into the round file, all the bills paid, and the coffee-soaked bodies of those who "gave of their blood" were sent staggering home, we all agreed it had been great. The smallest cog in this machine, the editor, wants to add the "coup d'etat:" *Thanks Men*, and it was more than fun.

Doug McClelland

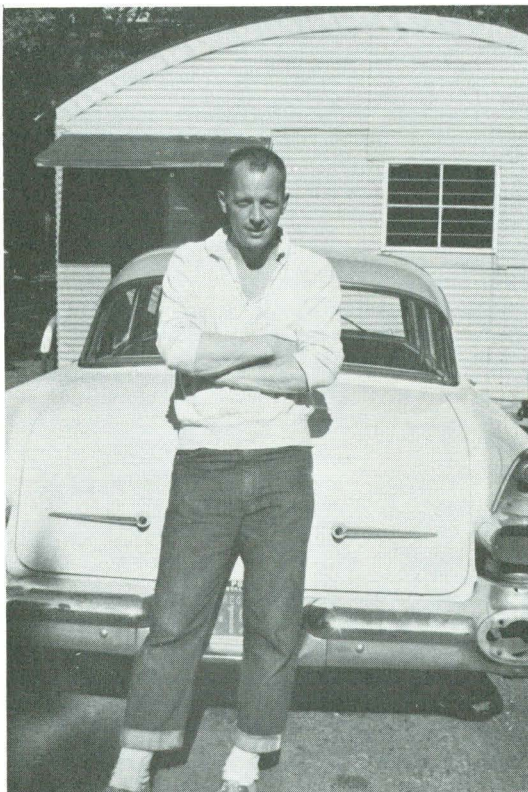
ANNUAL



Bob Bellamy—Editor



Kirk Ewart—Assistant Editor



"Mick" McDowall—Copy Editor

It is hard to realize the amount of work which is required to edit and print a publication such as the ANNUAL CRUISE. To do this work successfully requires a number of men who are willing to work many extra hours each week, often without recognition. I was very fortunate to have a number of this type of individual on the staff this year.

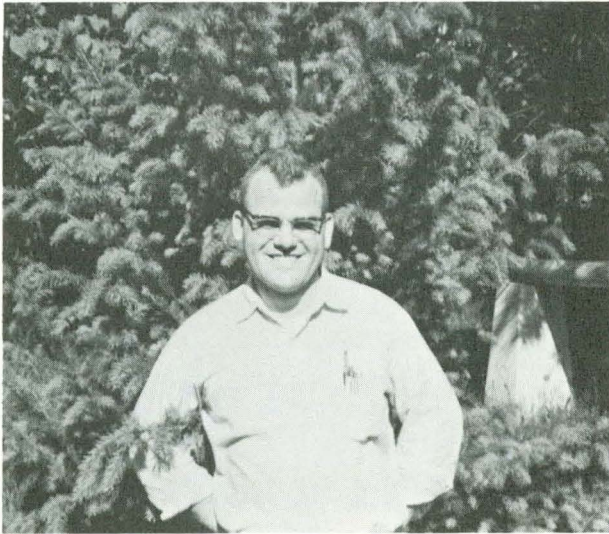
I would like to take this opportunity to thank a number of people who contributed enormously to making this year's "CRUISE" a success. First I would like to thank Kirk Ewart, assistant editor. It was not usually necessary to ask Kirk to do something, because the chances are he had it done already. In addition, when Kirk said he would do something, it was as good as done. Thanks Kirk. I would also like to thank Bob Irwin, Al Meyer, Bob Gustafson, and Frank Rasmussen for the time and effort which they so unselfishly gave.

There are many others who did much to make this year's "CRUISE" a success. My thanks to the office staff and faculty for their assistance and advice, and all those who helped with the proof reading when they were asked.

In concluding, I would like to say that it has been a wonderful experience working on the "CRUISE" this year. It has helped me a great deal in my relations with the other people in and around the forestry school, as well as being good technical experience.

Bob Bellamy
Editor

CRUISE



Al Meyer—Advertising Mgr.



Jon Menand—Treasurer



Frank Rasmussen—Senior Sec. Editor



Ewart, Menand, and McDowall look over the financial situation.

SPRING

The 1959 Spring Thaw started with a big splash—Ray Schenck was up to his old tricks again—falling out of airplanes. Ray nearly drowned while the Catman was madly taking pictures, but we got many fine photos before Ray went down the second time. Thoroughly soaked, he was finally dragged to shore and the activities resumed in the contest area with Kirk Ewart in charge.

Bob Keniston did nearly all the contest judging. Needless to say, there could be no doubt in anyone's mind as the validity of the final judgments. The contests and winners were as follows:

Double Bucking

1. Chuck Johnstone & Olaf Thingval
2. Mike Newton & Ray Schenck
3. Brad Krueger & Bob Olson

Axe Throwing

1. Jim Cowl
2. Ray Schenck
3. Mike Newton

Log Boom Running

1. Bob Pederson
2. John Ifft
3. Terry Stringer

Single Bucking

1. Bob Olson
2. Mike Newton
3. Ray Schenck

Chopping

1. Mike Newton
2. Chuck Johnstone
3. Bob Olson

Burling

1. Dick Sykes
2. Terry Stringer
3. Chuck Johnstone



Each year a Tug-O-War with the football players starts the SPRING THAW activities. The winning forestry team is pictured above.



Ouch! That water is cold.

It was an unusually hot day Saturday (not griping—just commenting), so it was a welcome relief, after having created a rather odoriferous atmosphere while chopping and sawing, to go flail about in Vern's pet pond. There was quite an array of skill demonstrated on the lake, everything from gentle splashes to resounding belly flops. The crowning glory, however, occurred when Flab Newton made his spectacular entrance into the water. It seems that each of his pediform pontoons chose to leave opposite sides of the boom long. When a sympathizer from the bank suggested to Mike that he make out his last will and testament, he simply stated, "They're on the log."

During and after the contests, professional chopping and burling demonstrations were given. John Miller, ex-world champion chopper displayed his axemanship on a 10 inch alder log. Jack and Gene Culver and Art Dorsey, champion burlers who have burlled frequently at the Albany Timber Carnival, gave an awe inspiring demonstration of footwork. The log was 16"x14 foot dry fir peeler core and was so fast that we amateurs couldn't even get on top of it.

After the lake activities, everyone retired to the cabin for the presentation of awards by Alex Jaenicke. Probably the two most outstanding awards of the day were the Robert Auferheide Memorial Plaque and the Kelly Axe award. John O'Leary was awarded the Auferheide Plaque as a result of his

THAW



Newton and Schenck come through with a fast time—but not fast enough.

having been selected by the students as the best Professor in the Forestry School. Then as the crowd applauded, Kirk Ewart stepped up to receive the Kelly Axe Award—a small token of appreciation from the seniors, to a *man* whose faithful, efficient and most outstanding effort would otherwise have gone completely unextolled.

When the award presentations were completed, we all partook of a tasty supper, consisting of Pat's Bean Hole Beans, potato salad, garlic bread and vegetable sticks.

Then to settle our supper, we danced until midnight. At the 9:15 intermission Jane Burnside was crowned Forest Fraulein. She was picked from a field (every ace of which was lovely!) of four candidates. The other candidates were Louise Stone, Gayle Mitchell and Kathy Brandt.

Without a doubt the Thaw was a fine success. Everyone seemed to enjoy themselves immensely, including Louise and Gayle who sold soda pop all day—that was soda pop?

In order to aid next year's Spring Thaw committee, a complete report of all activities, contacts, problems, and recommendations will be submitted to the Forestry Club and the Home Ec Club. We feel this should eliminate many stumbling blocks which we encountered while working on the Thaw. This has been a very educational and satisfying experience which we shall remember for many years to come. Sincere thanks for all the help.

To next year's crew: Good luck, have fun and for your own sake—PARTICIPATE.

Chuck Johnstone
Pat Gibson



Here's the people that made the "THAW" a success.

SCHOLARSHIPS

Abner, Thomas—South Santiam Educational and Research Project
Clark, Harold—South Santiam Educational and Research Project
Cron, Robert—Crown-Zellerbach
Dix, Russell—Max D. Tucker
Eddy, Hugh—Max D. Tucker
Goodman, Lawrence—St. Regis Paper Co.
Grunwald, Jerry—Nutriline
Inglis, Loyd—Snellstrom
Krueger, Brad—Autzen
Lee, Samuel—Crown-Zellerbach
MacWilliams, John—South Santiam Educational and Research Project
Stebbins, Arthur—Nutriline
Stoddard, Charles—Hart
Timberman, Charles—South Santiam Educational and Research Project
Van Dyke, David—South Santiam Educational and Research Project
Olsen, Robert—South Santiam Educational and Research Project

AWARDS

Annual Cruise

Awarded to a member of the staff of the *Annual Cruise*, the School of Forestry yearbook, who is judged to have contributed most to the success of the 1959 publication..... Robert Bellamy

Kelly Axe Award

Presented by Kelly Axe Company to the senior in forestry who has contributed most to the success of the School of Forestry Ryland K. (Kirk) Ewart

Pack Forestry Award

Awarded to the student who produces the most interesting, logical and technically important paper for publication. The \$40 check is from the income of a gift made by Charles Lathrop Pack Michael Newton

Eskew Memorial Award

Dedicated to the memory of William Eskew and awarded annually for outstanding performance in the Annual Spring Thaw Michael Newton

Xi Sigma Pi Plaque

Awarded each year to the student who has maintained the highest grade average during the sophomore year Thomas Abner



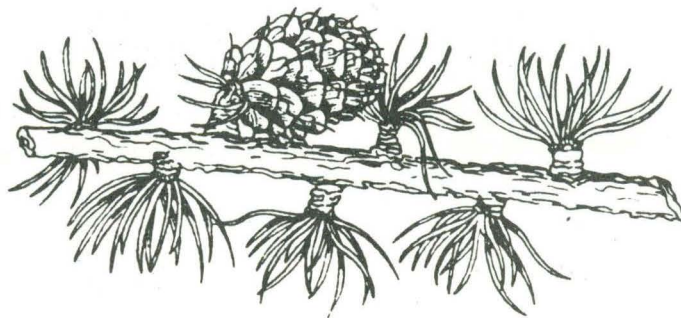
Alex Jaenicke congratulates John O'Leary on winning the **AUFDERHEIDE AWARD**.



Kirk Ewart steps up to receive the **KELLY AXE AWARD**.

Robert Aufderheide Memorial Plaque

In memory of Robert Aufderheide, a 1935 graduate of the School of Forestry, who died in March of this year after a distinguished career of 24 years in the U.S. Forest Service. This award is to be made annually at the Spring Thaw to the outstanding member of the staff of the School of Forestry for the year, as determined by the vote of the students of the School. This is the first year of the award and John O'Leary was selected for the honor. Professor O'Leary is a graduate of the School of Forestry of the University of Michigan. He received his master's degree at Oregon State and has taught at the School of Forestry for the past 10 years. He was chosen by the forestry students because of his competency as an instructor, his constant readiness to help students, the high standards he insists on in the classroom, and the enthusiasm with which he meets his day to day responsibilities.



A. W.

Ten Oregon State Fernhoppers made up the delegation which journeyed to Pullman, Washington, for the eighth annual Association of Western Forestry Clubs Conclave this May 6. The other schools making up the association are University of California, Humbolt State College, University of Washington, Washington State College, University of Idaho, Montana State University, Colorado State University, Utah State College, and University of British Columbia.

The first morning a general meeting was held and forestry club activities and functions were discussed and aired. That afternoon air tactics in forest fire fighting were demonstrated. A borate bombing run was made, fire-fighting cargo was dropped, and as a finish seven of the foresters who work as smokejumpers in the summer made live parachute jumps. The jumps were 'skydive' leaps from five thousand feet and free-fall delays were made up to 25 seconds.

The next day an intensive tour was made of Potlatch Forest's huge integrated plant at Lewiston, Idaho. This was very interesting and educational. At the final general meeting Oregon State was selected as host school for next year's 1960 Conclave.



Oregon State participants were: (l. to r.) Bob Bellamy, Mel Shrum, Chuck Johnstone, Ray Schenck, and Olaf Thingval. In the foreground is the power saw Bellamy won for high point contestant. Also pictured is stove Newton won for second place.



Courtesy Harvey M. Waldron

Dig that crazy trail-maker.



Courtesy Harvey M. Waldron

Gosh that ground is coming up fast.

F. C.



Courtesy Harvey M. Waldron

The above men were the winners of the various contests. Oregon Staters pictured include: Mike Newton (with stove), Bob Bellamy (with saw), Chuck Johnstone (behind Bellamy), and Ray Schenck (with team trophy).

Paul Bunyan woods contests concluded this year's conclave. The competition was stiff and the margin of winning in the various contests was usually by just a fraction of a second. Because of the many competitors five places were awarded. Here is how Oregon State's Fernhoppers placed:

Double Bucking

Schenck and Bellamy	1st
Newton and Bellamy	2nd
Schenck and Thingvall	5th

Single Bucking

Schenck	1st
Newton	2nd
Bellamy	4th

Chopping

Bellamy	3rd
Newton	4th

Match-stick Splitting

Johnstone	3rd
-----------	-----

Power Saw Bucking

Newton	4th
--------	-----

Team-Log Race

OSC Fernhoppers	1st
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The highest individual point winner was O.S.C.'s Bob Bellamy with Mike Newton second and Ray Schenck tied for third. Bellamy won a fine, new two hundred dollar Remington chain saw as his prize. On team totals Oregon State beat out a strong Montana team to take first place; this is the first time OSC foresters have ever won this trophy.

Oregon State foresters attending were Dean Aulerich, Bob Bellamy, Mike Newton, Ray Schenck, Olaf Thingvall, Chuck Johnstone, John Tobin, John Slegelmilch, Mel Shrum, and Bill Phillips. It was a good, enjoyable Conclave and let's hope that Oregon State is as good a host next year.

Ray Schenck,
AWFC Vice President



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This year's directory lists alumni by geographical location using addresses on file at the OSC School of Forestry as of March 1, 1959. Unknown and foreign addresses are listed first. Within the United States, the location is broken down alphabetically by states and within states by cities. Each alum's class is shown immediately behind his name.

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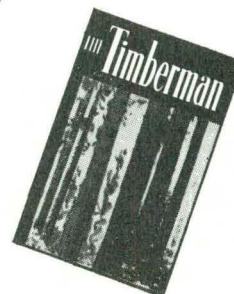
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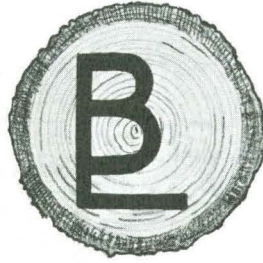


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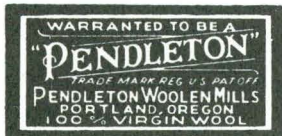


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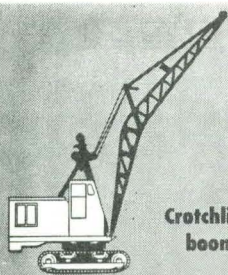
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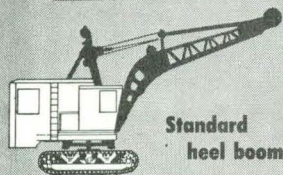
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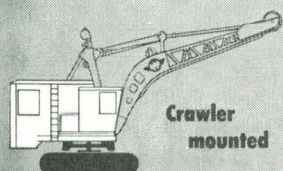
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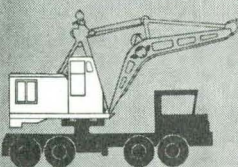
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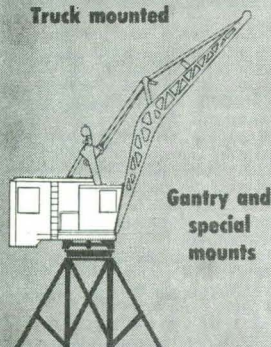
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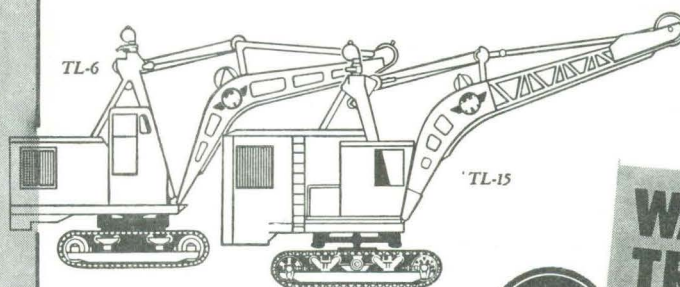
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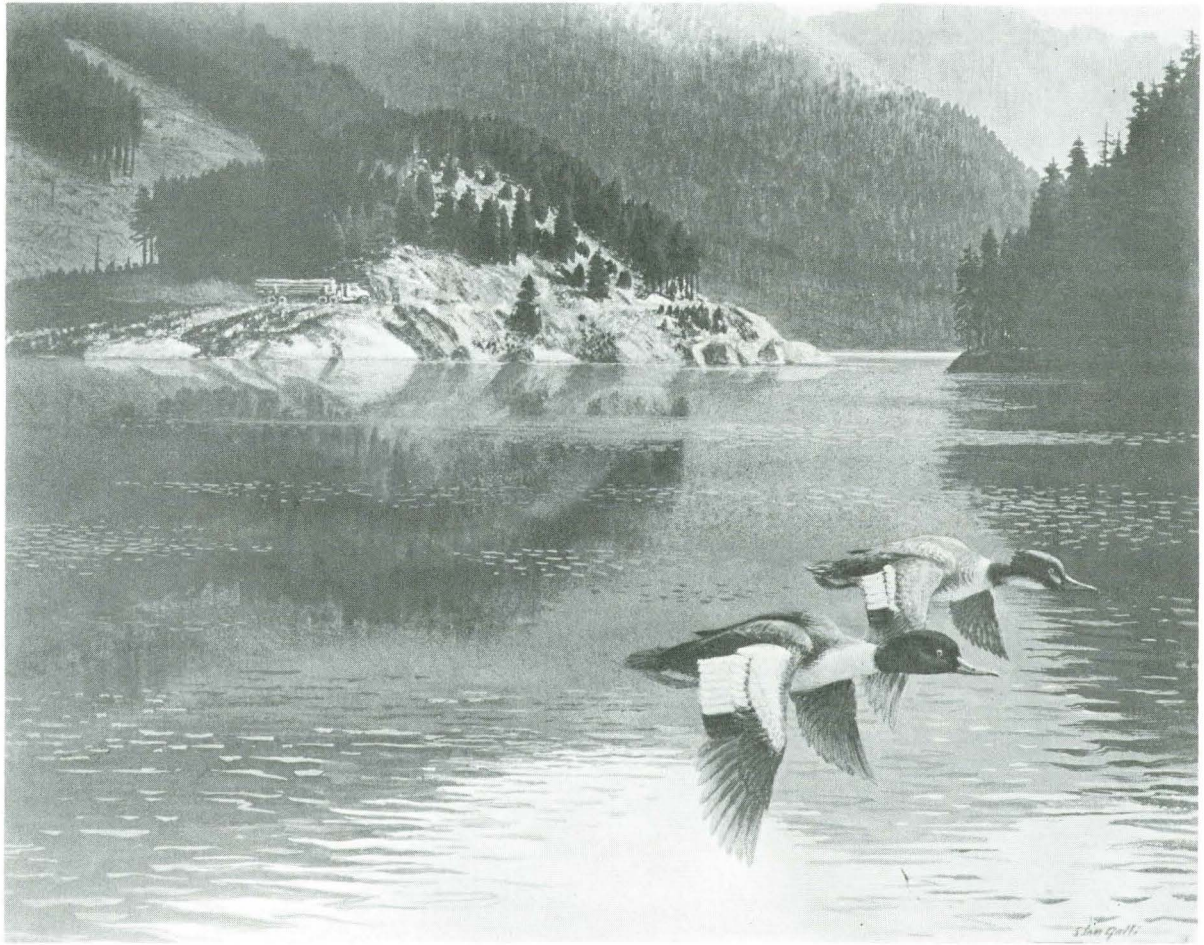


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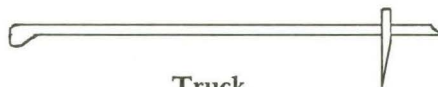
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