

*Idaho  
University  
School of Forestry*

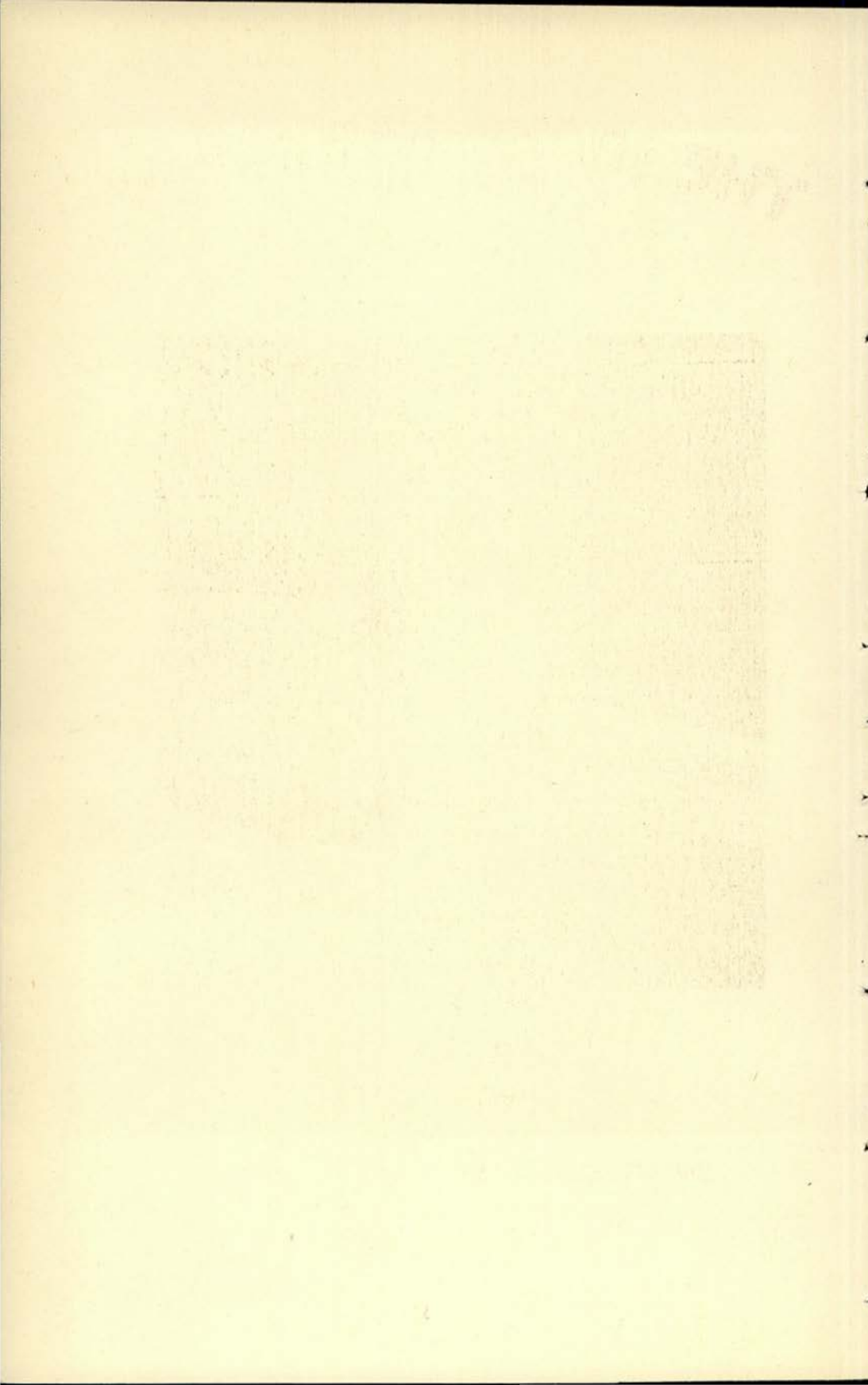
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THE  
*Journal*  
IDAHO  
FORESTER

Volume XXXII - 1950

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# THE IDAHO FORESTER



Published Annually  
by

**THE STUDENTS OF THE SCHOOL OF FORESTRY**

University of Idaho

Moscow, Idaho

*The Idaho Forester Staff wishes to  
thank the secretaries, literary contribu-  
tors, faculty members, students and every  
one else who made this publication of  
the Idaho Forester possible.*

— Editor



*Dedicated to the Memory of*

**Harry T. Gisborne**

known throughout the United States as "Gis," and to whom our own and future generations have reason to be eternally grateful.

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## *From the Dean's Desk*

It is quite an experience which all of us share, to live during the mid year of this twentieth century. The percentage is small of the readers of this issue of the Idaho Forester who can look back to the beginning of the century. Most of you, we hope, will be able, at the close of the century, to look back to the mid year and recall vividly the events of the decade of which 1950 is so important a part.

Rightly, I believe, our thoughts center first on Idaho, and forestry and the campus. Changes are taking place here, as well as on other campuses, which will be affecting our university at the close of the century. The most noticeable changes probably are the new buildings; almost completed, and planned for the immediate future; not as many at Idaho as on some college campuses; perhaps not as large as some; nevertheless they are equally as important as any college buildings and fully as serviceable for our needs.

There are other changes being made, at the Universities, slowly it is true, and not so evident as the buildings, yet more significant. The number of veterans in college is growing less each year. The largest number to graduate will be in the class of 1950. Their places next year will be taken by students coming directly from high schools. But the G. I. bill introduced a new element into higher education in the United States. The Congress wrote into law an attitude toward college education that no other generation of young people has experienced. Whether it is a cause or an effect, this growing demand for federal aid for education, and as many believe, for participation and some control over it, presses us on every side, to reappraise the place of higher education in the everyday economic and social life of our republic.

Another change that is found on some campuses, (happily not at Idaho), and is found even in some public school systems of our nation, is the demanding of oaths of loyalty from public school teachers, and from college faculties, and the banning of text books for communistic tendencies. If we connect these with the "witch hunts" at the seat of our national government, the conclusion seems most apparent that they are an expression of a sense of insecurity in too

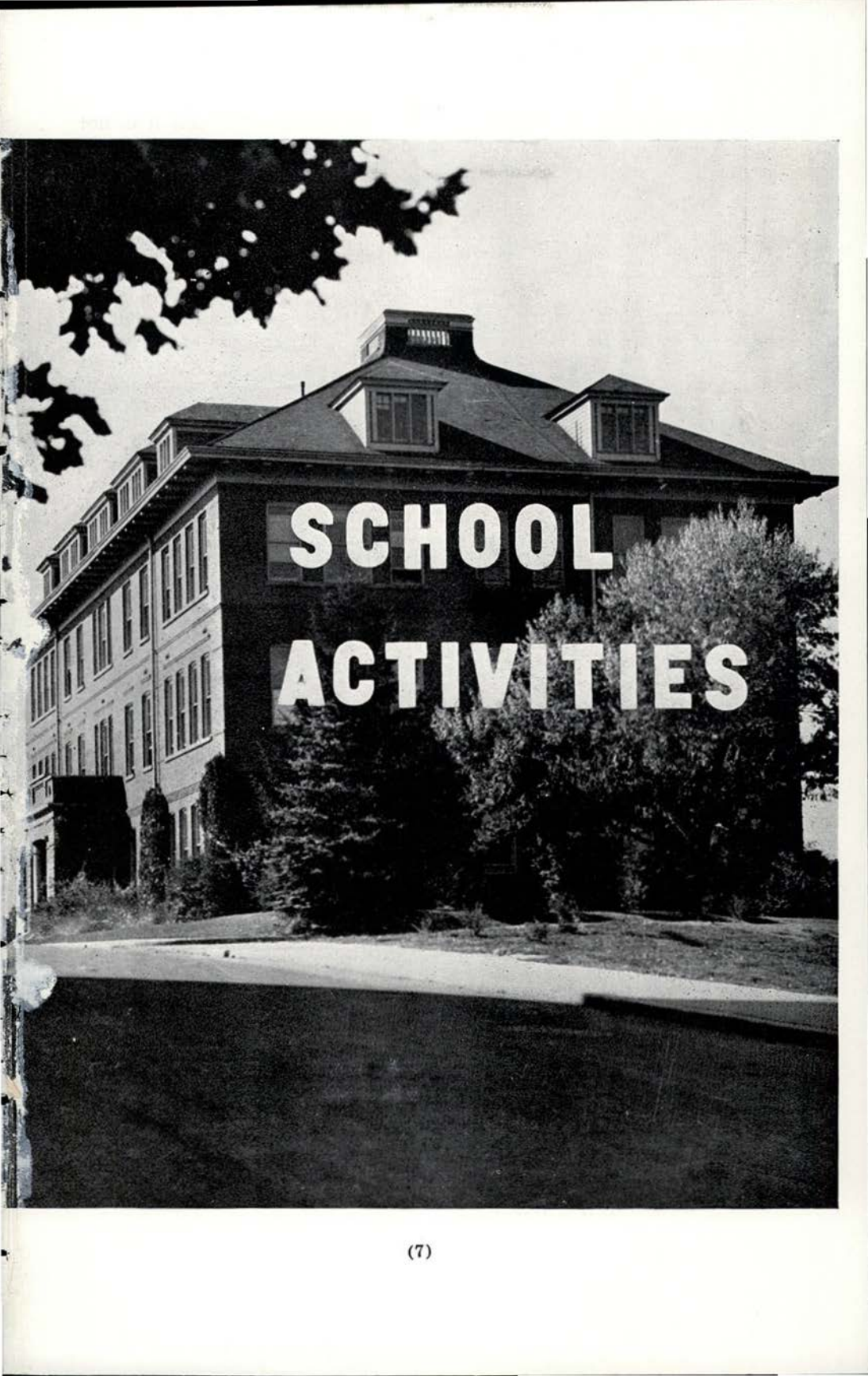
many phases of our national and individual life. Perhaps it is not stretching the point too far to say that the colleges may have made a major contribution to this state of affairs. For it was the trained research worker from the college who made the split atom a possibility. And in 1950 we are concerned about the hydrogen bomb. Certainly, we cannot separate the bombs from loyalty oaths and the search for security from enemies without and within. Would you agree that the scientific training received in the classrooms and laboratories of the colleges of the world, this academic year of 1950, may be the controlling influence in shaping the standards and attainments of the future for good or ill, for war or peace? Will the college generation that graduates in 1954 be any better equipped to use the discoveries of the next few years than the present generation which is facing the problems connected with the split atom and the hydrogen bomb?

The question as yet unanswered is, have our ethics and our morals kept up with our scientific skills? From this too brief survey, my concluding word is, do you the class of 1950, do you who are alums, and do we who are residents on the campus, all being possessed of specialized training from a university, recognize the fact that there is placed upon us the individual responsibility as citizens to speak, to act, and to vote, with the goal, constantly in mind, that this **must be** a world at peace? Otherwise, it will be but a short time until the college campus becomes, again, the servant of the gods of War, and our trees will not build homes but war machines. The decision is in our hands.

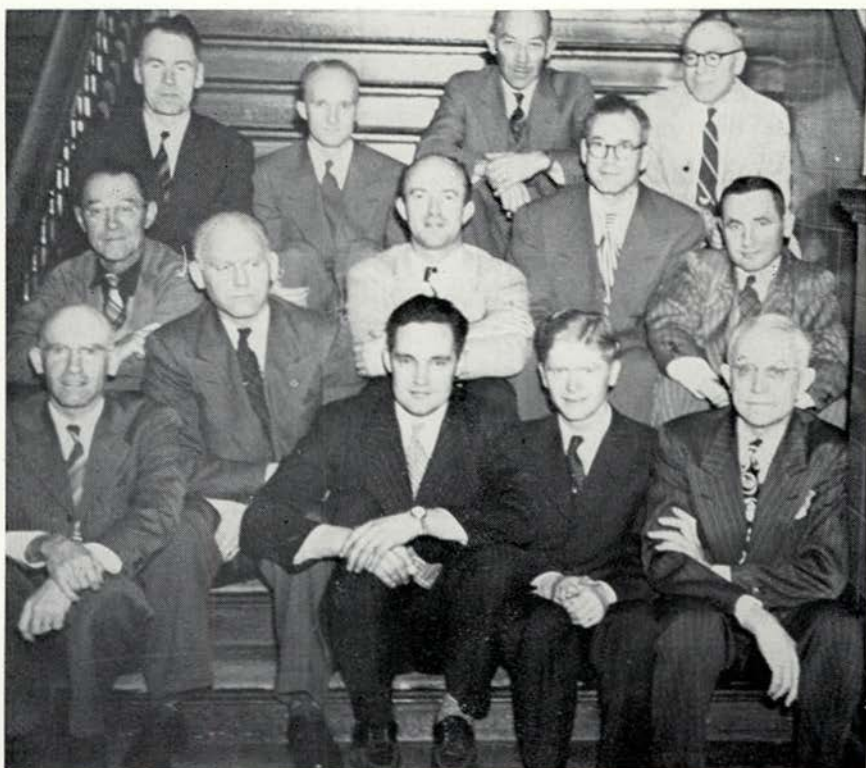
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# SCHOOL ACTIVITIES



## *Faculty*

### **THOMAS S. BUCHANAN**

Dr. Buchanan, Associate Professor, has a major job this year the leading of the University's part in a cooperative research project on pole blight. His interest is maintained in this program since he has given a number of talks before civic and professional groups on this subject. In the fall he keeps the seniors busy with "Cost Control in the Logging Industry," and in the spring turns his attention to Forest Pathology, Wood Products Pathology, and Research Methods.

Along with being National Secretary-Fiscal Agent for Xi Sigma Pi, and Vice-president of the Inland Empire Section of the Society of American Foresters, he is faculty advisor to the Associated Foresters and Chairman of the Plant Science Seminar.

### **THOMAS D. BURLEIGH**

Mr. Burleigh's work this past year has been concerned with the distribution of birds in Idaho. Although heavy snows hampered his work, he managed to make several trips to southern Idaho to obtain specimens for later studies. After spending three days in McCall chasing a White-headed Woodpecker, his fall work was conducted

in the Moscow and Lewiston areas obtaining information on the fall movement of birds.

### **VERNON H. BURLISON**

Mr. Burlison hails from a spot deep in the hills of southeastern Missouri where "grandma-ing" ties could be an occupation and 'possum hunting was a favorite nocturnal pastime. That's background. After attending Western State College at Gunnison, Colorado, and a stint of teaching in Missouri and Colorado, he first came to Idaho as a student in 1941. Upon graduation, he went to work for the S.C.S. in southern Texas; later spent a year teaching in Utah, and returned to Idaho as a staff member in 1946. That's history. As half-time instructor he teaches Farm Forestry and two other service courses to non-forestry students; Vegetation Influences and Fire to foresters. His other half-time he devotes to extension work as assistant forester. That's current information.

### **PAUL D. DALKE**

Dr. Dalke is now leader of the Idaho Wildlife Research Unit, Biologist for the U.S. Fish and Wildlife Service, and Professor of Wildlife Management at the University of Idaho.

Wildlife research, including supervision of five graduate students who are in the field, occupies most of Dalke's time. Research on Mountain goats, Bighorn sheep, water fowl, pheasants, muskrats, deer, and grouse are all a part of the activities of the Wildlife Research Unit.

### **MERRILL E. DETERS**

"Doc" Deters is a Professor of Forest Management. The big news about "Doc" this year is that he acquired a wife, Mrs. Lois Day, of Kimberly, Idaho; a son and a daughter, Richard and Patricia, ages 11 and 13; as well as a father-in-law.

After spending some time in the Snake River country last summer, he returned and during the hunting season bagged a big 220-pound Black Bear.

Most of his time during the school year is taken up with Forest Management, Silvics, Silviculture, Regional Silviculture, and Management Studies.

### **EVERETT L. ELLIS**

The Wood Utilization Department, of which Mr. Ellis is head, has undergone a number of important changes in the last year. First, Dr. White, for a number of years head of the department, resigned to accept a position at the University of British Columbia. Second, due to expansion pressure caused by the construction of new buildings, the Wood Conversion Lab. and the Forestry Lab. had to be inventoried, packed, and moved.

Summer camp was under the direction of Mr. Ellis, rather than "Smokey Joe" Wohletz, this year. It is hoped, however, that future camp students will catch bigger and better fish and burl logs in Brown's pond more efficiently than their camp director did.

### **W. K. FERRELL**

Dr. Ferrell has spent a lot of time digging in the soils and rocks in the white pine area of northern Idaho, trying to discover if there is any relation between pole blight and soils. Thus far nothing startling has shown up, although he has hopes for the future. Considerable other interesting information on forest soils has come out of the study, however, for this is the first intensive examination of these soils that has been made.

If you happen to fall in a fair sized soil pit in the Kaniksu, Coeur d' Alene, St. Joe, or Clearwater Forests, hold that temper, it was all done in the interests of science.

### **ERNEST E. HUBERT**

Born in Phillipsburg, Montana, he obtained his lower schooling at Butte, Mont. Dr. Hubert started college at the University of California in 1906, but transferred to the State School of Mines in Montana in 1908. After one year in the School of Mines he transferred to the School for Forestry, receiving his B.S. in that field in 1912. Following the educational career he then received his M.S. in Forestry and Forest Pathology at Montana in 1918 and his Ph.D. in Forest Pathology at Wisconsin in 1923.

Among other things Dr. Hubert has served as Editor of Northwest Science, 1930-34, Chairman N.D.M.A. Preservative Standards Advisory Committee since 1938, and is President of Northwest Scientific Association for 1950. He is also the author of many papers and bulletins including the textbook, "Forest Pathology," published by John Wiley and Sons in 1931.

### **KENNETH E. HUNGERFORD**

Prof. Hungerford is back at Idaho after spending a year's leave of absence at the University of Michigan, where he was working on his Doctorate degree. His course work is finished but he still has his thesis research to complete. This research, which is a study of Ruffed Grouse in Idaho's white pine forests, takes most of Hungerford's time. He does find time, however, to teach Wildlife Management, direct graduate student work, and act as assistant leader of the Wildlife Research Unit.

### **DEAN JEFFERS**

The Dean was gone during the spring semester of the last academic year, warming himself, doing some studying, looking into conditions generally, and doing a lot of talking to hundreds of people in the Southwest about land management. Land management is the Dean's "pet peeve." He returned from leave and checked in at summer camp on June 8 and reported in Moscow on June 12.

A busy summer awaited him catching up on the many things that had transpired during the four months of absence. Some personnel changes in the teaching and clerical staffs demanded atten-

tion. Correspondence was piled high. Bulletins, magazines, and reading of all sorts had to be brought up to date. Budget matters demanded attention because the new fiscal and the first new year of the biennium started July 1. We surmise it was rather hard for the Dean to get back in the harness after four and one-half months of doing as he pleased.

Now he is dreaming of the day when the School of Forestry may be able to spread itself somewhat from the crowded quarters of the past quarter of a century and more, and occupy a portion of the first floor of Morrill Hall and all of the second floor.

#### **D. S. OLSON**

Dave, a research silviculturist, graduated in 1915 from the Forestry School at the University of Nebraska. Though an oldtimer in forestry in Northern Idaho, he is one of the more recent additions to the faculty staff. He has been assigned the task of white pine slash disposal on a new special research project. His job is to find out how best to handle the debris left after logging from the standpoint of costs, fire hazards, and good forest management.

#### **FRANKLIN H. PITKIN**

Tree orders are failing this spring and "Pit" feels that he is too. He's been spending most of his spare time in trying to work out curves, graphs, tables, etc., in an attempt to predict tree sales four and five years hence.

"Pit" is looking forward to the day when the proposed 28 by 38 ft. million tree-capacity, Temperature Control Building will become a reality. As now planned, the building will consist of three rooms, tree storage, seed treatment and stratification and packing.

#### **VERNON RAVENSCROFT**

Mr. Ravenscroft, one of the two native Idahoians on the faculty staff, is a graduate of the Class of '43 and is now acting as Extension Forester. If you were to ask Vern, he would tell you that he has three prize possessions: a collection of choice mountain lakes, all located just over the next hill; an old lazy Water Spaniel; and the ideal family, a home-town wife, two boys and two girls.

#### **BOB SEALE**

The closing of Farragut College, where he had headed the Forestry work for two years, left Bob out on a limb after the tree had been felled. He considers it one of the luckiest breaks of his career that Dean Jeffers had not been able to secure a replacement for Dr. White and made a place for him in the temporary redistribution of duties.

The greatest part of his time here at Idaho is occupied in studying the Wood Technology and Dendrology he has been helping to teach, and in solving Ernie's Biometry problems that he has had to grade. He intends to return to school in the near future for a doc-

torate in Forest Economics if he can find a way to support his wife and two sons at the same time.

#### **LEE A. SHARP**

Prof. Sharp comes to Idaho replacing "Chuck" Poulton as instructor in Range Management. Lee completed work for the B.S. degree in the fall of 1947 at Utah State and spent the next two years getting the M.S. in Range Management at the same institution. Lee is making his start at Idaho teaching Range Methods and Range Plants as well as getting acquainted with the research program in Range. He is married and has one daughter, very young.

#### **ALBERT W. SLIPP**

Most of Slipp's time during the past year has been spent on the white pine blister rust project now in its thirteenth year. This year all records of the project are being transferred from the manual carding system employed in the past to the punched card system of International Business Machines, better known as the I.B.M. system. Some three months were spent last winter in designing the cards and planning the mechanical sorting. Over ten thousand cards, covering canker growth and development will be finished sometime next fall. Once this has been completed, the job of analysis will be much simpler.

#### **EDWIN W. TISDALE**

Dr. Tisdale, head of the Range Management division, manages to keep busy with teaching, research and graduate students. Teaching includes Elementary Range, Management Planning, and the newly-developed under-grad Land Management Seminar. Research during the past year has included studies of pelletized seed for range reseeding, grazing values of cut-over white pine lands and some observations on range weed problems in Idaho. A new research project on range weeds, to be handled jointly with the Department of Agronomy, is now being set up.

On the personal side, "Doc" enjoyed a fine summer vacation trip with the family, including a short back-packing trip into the Willowa Mountains of northeastern Oregon.

#### **ERNEST A. WOHLTZ**

Ernie "Smoky" Wohletz has had an eventful as well as a very busy year. First of all he was made Full Professor and Associate Director of the Forest, Wildlife and Range Experiment Station. Secondly, with the assistance of Vernon Ravenscroft, a bulletin was published on Cold Soak Wood Preservation. This has gained national recognition for Mr. Wohletz, Mr. Ravenscroft, and the University.

Other activities for the year have included teaching Research here at school and Mensuration at Summer Camp. He was also Chairman of the Inland Empire Section of the Society of American Foresters and at their national convention held in Seattle was chairman of the Economics Division.

## *Graduate Students*

**Stewart Brandberg** has spent two seasons with the Montana Fish and Game Department working on the Rocky Mountain goat. Stewart is now working with Dwight Smith, studying mountain goat in the Salmon River country. He graduated with a B.S. in Wildlife Tech. at Montana State and hails from Hamilton, Mont.

**Jack E. Gillette** completed his undergraduate work at Purdue University in 1949 with a B.S.F. degree. He came to Idaho on a teaching assistanceship and is working toward an M.S. degree with forest management as his major. His field work on his thesis will concern the growth and form of white pine. He will receive his M.S.F. degree in 1951.

**Victor M. Granada** was graduated in Chemistry from the National University of Paraguay in 1945. Under a scholarship, he came to the U. of I. in 1947 to study Wood Utilization. His thesis work is on the hydrolysis and identification of the sugar units of Holocellulose. He plans to obtain his M.Sc. in Forestry in 1950 and to go on for his Ph.D. next year.

**Harris H. V. Hord** being from Richmond Hill, Ontario, Canada, received his B.A. degree in Biology from McMaster University, Ontario. A halftime instructor at Washington State College, he is supplementing his graduate work in Plant Pathology with courses at Idaho. This is in preparation for work in Forest Pathology in Canada. His present project is on a wood decay problem.

**Christian B. Koch** was graduated from the University of Idaho in 1947. Shortly after his graduation, he spent two years at the Australian Forest Products laboratory in Melbourne, Australia. At the present he is investigating the properties of glued laminated beams of western larch with the object of increasing the use of the species. It is hoped that the results of the experiment will indicate that glued laminated larch will have strength properties sufficient to allow its use as cross-arms and other products which, at present, require high grade solid wood.

**Robert W. Lodge** hails from Swift Current, Saskatchewan. He graduated from the College of Agriculture, University of Saskatchewan in May of 1949 with a B.S.A. degree. Since graduating, he has been employed by the Forage Department, Dominion Experimental Station at Swift Current. His graduate work is in Range Management. It is his intention to return to Swift Current during the summer to work on his thesis.

**Robert A. McHugh** received a B.A. (Zool.) at Lafayette College, Pennsylvania. He is taking a general wildlife study under the Wildlife Unit at Idaho. He plans to pick up a few more general courses, and then to start studying the relationships between beaver and trout for his thesis.

**James C. Moomaw**, Range Management candidate for M.S. degree, graduated from Carleton College in Northfield, Minn., in June, 1949. Home is at the Experiment Station in Dickinson, North Dakota. The past summer was spent working on a Range research for the North Dakota Agricultural College, and now is working on Research Project No. 16 dealing with the pelletization of grass seeds of range forage species. Present plans are to complete the work in June, 1951.

**Allen D. Morton**, who originated in Missouri, was graduated in Forestry and Range Management in 1940 from Colorado State College. Prior to the war, he worked for the Soil Conservation Service. Allen has been working on sampling methods for winter deer browse and on winter browse utilization with the experimental forest as a study area.

**Ken F. Parkin** hails from England and is studying Douglas-fir. He reports that Douglas-fir is one of the most important trees being introduced into Britain as part of a large-scale reforestation program. The existing plantations reveal, by the variation in growth of individual trees, the importance of obtaining seed from areas which have similar climate and soil conditions to those of the ultimate plantation. He further stated that he hopes to summarize existing information on Douglas-fir seed provenance, and to classify potential seed areas by climate, soil factors, altitude, etc., so that seed taken to Britain will be the most suitable.

**Herbert E. Salinger** graduated from the University of California at Berkeley with a B.A. in Zoology. He has been doing research on pheasant production on the irrigated land of southern Idaho.

**Dwight R. Smith** was graduated from the University of Idaho in 1949, with a major in Range Management. He has been studying the activities of Bighorn sheep in the Middle Fork of the Salmon River country.

**Roger Williams** was graduated from Pennsylvania State College with a B.S. (For.) and hails from Franklin, Pennsylvania. Roger is working on his thesis on the study of muskrat population on Gray's Lake in Bonneville County, Idaho. Gray's Lake itself is a very good location for this type of study because it is very shallow and is also a lake of good size, being 22,000 acres in area. He plans to finish work on his thesis around the first of June, 1950.



## Seniors



### DALE VERNON ANDERSON

FOREST MANAGEMENT

Weiser, Idaho

Weiser High School

Member Associated Foresters

Summer Experience—Blister Rust Foreman  
1946, 1947, 1948, 1949. St. Joe National  
Forest.



### CHARLES R. BATTEN

FOREST MANAGEMENT

Claremont, California

Claremont High School; Chaffey Junior College,  
Ontario, California; Union of Redlances,  
Redlances, California

Member Associated Foresters

Xi Sigma Pi

Summer Experience—Lookout-Fireman, Pay-  
ette National Forest. Scaler, Timber  
Stand Improvement.  
Plans to work for an advance degree.



### CARL M. BERNTSEN

FOREST MANAGEMENT

Staten Island, New York

Port Richmond High School, New York

Member Associated Foresters

Summer Experience—Potlatch Timber Protec-  
tive Association.



### RICHARD H. BROSS

FOREST MANAGEMENT

McCall, Idaho

McCall High School



**FRANKLIN B. BRUINS**

**RANGE MANAGEMENT**

Boise, Idaho

Boise High School

Member Associated Foresters

Gem Sharpshooters

Summer Experience—Lookout, Trail Crew,  
Boise National Forest.

Plans to work toward advanced degree.



**DONALD P. CAMPBELL**

**FOREST MANAGEMENT**

Sandpoint, Idaho

Sandpoint High School

Member Associated Foresters

Idaho Forester Staff

Summer Experience—Lookout, Bitterroot National Forest. Foreman, Challis National Forest. Assistant Forest Dispatcher, Challis National Forest. Foreman, Columbian National Forest.



**OMAR M. CAMPBELL**

**RANGE MANAGEMENT**

Weiser, Idaho

Weiser High School

Member Associated Foresters

Xi Sigma Pi

Summer Experience—Packer, Fire Control,  
Range Improvement.



**PARLEY E. CHERRY**

**FOREST MANAGEMENT**

Ola, Idaho

Emmett High School

Member Associated Foresters

Xi Sigma Pi

Scabbard and Blade

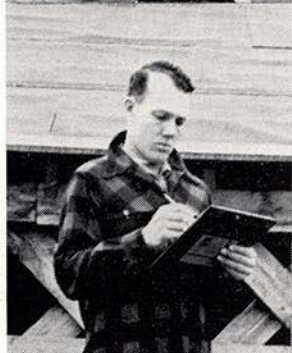
Arnold Society

Summer Experience—Smokejumper, Regions 1  
and 4. Headquarters Guard, Boise National Forest. Fire Crew, Boise National Forest.



**BRUCE E. COLWELL**  
FOREST MANAGEMENT

Hope, Idaho  
Hope High School  
Associated Foresters President  
Summer Experience—Insect Survey, Timber  
Cruising, Fire Fighting.



**LEVERETT B. CURTIS**  
FOREST MANAGEMENT

Cashmere, Washington  
Cashmere High School  
Member Associated Foresters  
President Willis Sweet Hall, 1949  
Summer Experience—1947 Fire Prevention Aid,  
Wenatchee National Forest. 1948 Trail  
Crew Foreman, Wenatchee National For-  
est. 1949 Suppression Crew Foreman,  
Wenatchee National Forest.



**ROBERT A. DOHERTY**  
WOOD UTILIZATION

Kellogg, Idaho  
Member Associated Foresters  
Summer Experience—Lookout, Boise National  
Forest.



**ROBERT BARNES ENGLISH**  
FOREST MANAGEMENT

Stoneham, Massachusetts  
Stoneham High School  
Syracuse University, 1943 (Army Air Force)  
Member Associated Foresters  
Intercollegiate Knights, 1942  
Idaho Forester Staff, 1947  
Arnold Society, 1950  
Summer Experience—Clackawas Logging Com-  
pany, Estacada, Oregon. Tree and Moth  
Department, Stoneham, Mass. U. S. F. S.  
Umpqua National Forest.



**GEORGE D. FRAZIER**

**FOREST SCIENCE**

Beardstown, Illinois

Creston Senior High School, Creston, Iowa

Member Associated Foresters

Summer Experience—Research in Blister Rust Control. Stock Damage Survey.



**RUSSELL F. GRIFFITH**

**FOREST MANAGEMENT**

Harvard, Illinois

Harvard Community High School

Park College, Parkville, Missouri

Idaho State College, Pocatello, Idaho

Member Associated Foresters

Xi Sigma Pi

Idaho Forester Staff

Idaho National Guard

Summer Experience—Forestry Aid, Targhee National Forest.

Expects to work toward advance degree sometime later.



**WILLIAM CHARLES GROSCH, JR.**

**FOREST MANAGEMENT**

Milwaukee, Wisconsin

Riverside High School, Milwaukee, Wisconsin

Member Associated Foresters



**ARLAND DUANE HOFSTRAND**

**WOOD UTILIZATION**

Snohomish, Washington

Snohomish High School

Member Associated Foresters

Summer Experience—St. Maries Lumber Company, Tally Man 1948.



**THOMAS WARREN HAUMONT**

RANGE MANAGEMENT

Caldwell, Idaho

Caldwell High School

Member Associated Foresters

Gem Shooters

Summer Experience—Range Survey, Bridger National Forest, 1949.

Expects to work toward advanced degree.



**BUHEL R. HECKATHORN**

FOREST MANAGEMENT

Vale, Oregon

Wilder High School, Wilder, Idaho

Idaho State College, Pocatello, Idaho

Summer Experience—Fire Guard, Payette National Forest.



**LEONARD WAYNE HOSKINS**

RANGE MANAGEMENT

Wendell, Idaho

Wendell High School

Member Associated Foresters

Phi Eta Sigma

Xi Sigma Pi

Secretary - Fiscal Agent of Xi Sigma Pi

Summer Experience—Bureau of Entomology - Pine Beetle Survey - Range Research - School of Forestry.



**PAUL A. HOSKINS**

RANGE MANAGEMENT

Wendell, Idaho

Wendell High School

Member Associated Foresters

Xi Sigma Pi

Ranger - Xi Sigma Pi

Summer Experience—Contact patrolman, Boise National Forest.



**DAVID R. HOWARD**  
**FOREST MANAGEMENT**

Harvey, Illinois  
Thornton High School, Thornton, Illinois  
Thornton Junior College  
Member Associated Foresters  
Summer Experience—Contact Patrolman, Payette National Forest. Lookout-Fireman, St. Joe National Forest.  
Expects to work toward advance degree.



**LOUIS D. HUNT**  
**FOREST MANAGEMENT**

Payette, Idaho  
Moscow High School



**ARTHUR B. JOHNSON**  
**FOREST MANAGEMENT**  
Coeur d' Alene, Idaho  
Coeur d' Alene High School  
North Idaho Junior College  
Member Associated Foresters



**THANE J. JOHNSON**  
**RANGE MANAGEMENT**  
Idaho Falls, Idaho  
Idaho Falls High School  
Member Associated Foresters  
"T" Club

Summer Experience—Bureau of Land Management - Alaska.



**VON J. JOHNSON**

**RANGE MANAGEMENT**

Santa Cruz, New Mexico

McCurdy High School, McCurdy, New Mexico

Member Associated Foresters

Rifle Team

Track Team

Summer Experience—Trail Foreman - Carson National Forest. Campground Maintenance - San Isabel National Forest. Packer - Payette National Forest. Range Survey - Kodiak Island, Alaska.



**GORDON F. KALK**

**FOREST MANAGEMENT**

Sandpoint, Idaho

Sandpoint High School

Member Associated Foresters

Summer Experience—Lookout-Fireman, Kaniksu National Forest. Fire Prevention Guard, Kaniksu National Forest.

Plans to work toward advanced degree sometime.



**RICHARD M. KRAJEWSKI**

**WOOD UTILIZATION**

Pulaski, Wisconsin

Pulaski High School

Member Xi Sigma Pi

Member Associated Foresters

Summer Experience—Factory work, Logging.

Plans to work toward advanced degree.



**THEODORE V. LACHER**

**FOREST MANAGEMENT**

New York, New York

Bronx High School of Science

Summer Experience—Lookout-Fireman, Deary, St. Joe National Forest. Lookout-Fireman Riggins, Nez Perce National Forest.

Plans to work toward advance degree.



**GEORGE D. LEA**

RANGE MANAGEMENT

Downers Grove, Illinois

Downers Grove Community High School

Member Associated Foresters

Hell Divers

Summer Experience—Lookout Fire Guard, Nez Perce National Forest. Headquarters Guard, Beaverhead National Forest. Research Work, Grays Lake, Idaho Cooperative Wildlife Research Unit.



**GEORGE E. LEE**

RANGE MANAGEMENT

Colfax, Washington

Colfax High School

Member Associated Foresters

Summer Experience—U. S. F. S., Clarkia, Ida.



**SEYMOUR H. LEVY**

RANGE MANAGEMENT

Chicago, Illinois

Hyde Park High School, Chicago

Wilson Junior College, Chicago, Illinois

Summer Experience—Pine Disease Survey, Coeur d'Alene National Forest. Assistant Bird Biologist, Fish and Game Department of Idaho.



**MAXWELL T. LIEURANCE**

RANGE MANAGEMENT

Pocatello, Idaho

Pocatello High School

Montana School of Mines

Colorado College

Idaho State College

Member Associated Foresters

Summer Experience—Lookout-Fireman, Payette National Forest.





**DONALD R. MARTIN**  
**FOREST MANAGEMENT**

Butte, Montana

Butte High School

Summer Experience—Trail Crew and Lookout-Fireman, Deer Lodge National Forest.



**DOUGLAS M. MARTIN**  
**FOREST MANAGEMENT**

Butte, Montana

Butte High School



**CHARLES J. MUEHLEHALER**

**FOREST MANAGEMENT**

Rathdrum, Idaho

Rathdrum High School

North Idaho Junior College

Cornell College, Mount Vernon, Iowa

Member Associated Foresters

Arnold Society

Ranger of Associated Foresters

Summer Experience — Headquarters Guard.  
Smokejumper - Region 1.



**CLARK RALPH NOBLE**

**RANGE MANAGEMENT**

Omaha, Nebraska

Omaha North High School

University of Omaha

Member Associated Foresters

Gem State Sharpshooters

Senior Class Representative Associated  
Foresters

Summer Experience—Checking Station, Boise  
National Forest. Lookout-Fireman, Boise  
National Forest.



**HERALD S. NOKES**  
RANGE MANAGEMENT  
Boise, Idaho  
Boise High School  
Member Associated Foresters  
Phi Mu Alpha



**ROBERT PASSMORE**  
FOREST MANAGEMENT  
Boise, Idaho



**EUGENE B. QUADRI**  
RANGE MANAGEMENT  
Idaho State College  
Summer Experience—Cruised Timber for Latah  
County.



**JOHN E. RINARD**  
RANGE MANAGEMENT  
Greenleaf, Idaho  
Greenleaf High School  
Summer Experience—Lookout-Fireman, Smoke  
Jumper, Region 4.



**LOREN E. ROBINSON**  
**FOREST MANAGEMENT**

Priest River, Idaho  
Priest River High School  
Member Associated Foresters  
Summer Experience—Blister Rust, Experiment  
Station Research Work, Region 1.



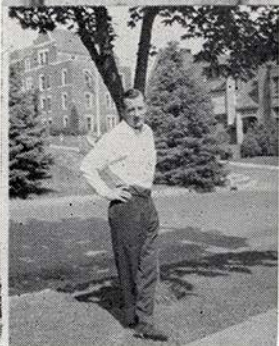
**WALTER LEE ROBINSON**  
**FOREST MANAGEMENT**

Grace, Idaho  
Grace High School  
Member Associated Foresters  
Xi Sigma Pi  
Vice-president of Associated Foresters  
Forester of Xi Sigma Pi  
Summer Experience—U.S.F.S., Coeur d' Alene  
National Forest. U.S.F.S., Caribou National  
Forest.



**GEORGE A. ROOT**  
**FOREST MANAGEMENT**

Exeter, California  
Exeter High School  
Member Associated Foresters  
Summer Experience—Blister Rust Control, U.  
S. F. S. Warehouse, Boise National Forest.



**EDWARD DONALD SAVARIA**  
**RANGE MANAGEMENT**

Hailey, Idaho  
Mackay High School  
Summer Experience—Fire Guard, Sawtooth  
National Forest. Fire Guard and Trail  
Boss, Sawtooth National Forest. Alternate  
Ranger, Shake Creek District, Sawtooth  
National Forest.



**DAVID W. SCHMITT**

**FOREST MANAGEMENT**

Milwaukee, Wisconsin

Shorewood High School, Milwaukee, Wisconsin

Member Associated Foresters

Newman Club

Vice-President Newman Club

Co-chairman Senior Week "49"

Summer Experience—Lookout and Headquarters Guard, St. Joe National Forest. Trail Foreman, Helena National Forest. Dispatcher, Helena National Forest.



**WILLIAM A. SCRIBNER**

**FOREST MANAGEMENT**

St. Maries, Idaho

St. Maries High School

Summer Experience—Smokechaser. Dispatcher, St. Joe National Forest.



**MERLE W. STRATTON**

**RANGE MANAGEMENT**

Worley, Idaho

Worley High School

Member Associated Foresters

Xi Sigma Pi

Senior Class Representative Associated

Foresters

Summer Experience—Smokejumping, Region 1.  
Plans to do work for advance degree.



**DALE LOREN TANNER**

**FOREST MANAGEMENT**

Rigby, Idaho

Rigby High School

Member Associated Foresters University of Idaho

Member Associated Foresters Idaho

State College

President Associated Foresters Idaho

State College

Summer Experience—Various jobs, U.S.F.S.



**BYRAN E. TAYLOR**  
RANGE MANAGEMENT  
Weippe, Idaho  
Weippe High School  
Summer Experience—Woods Work.



**DEAN TISDALE**  
WOOD UTILIZATION  
Twin Falls, Idaho  
Twin Falls High School  
Member Xi Sigma Pi  
Summer Experience—Payette National Forest.  
Potlatch Forests, Inc.



**JOHN G. TKACH**  
FOREST MANAGEMENT  
Youngstown, Ohio  
Youngstown South High School  
Member Associated Foresters  
Newman Club  
President Newman Club  
Secretary Associated Foresters  
Summer Experience—Ohio Edison Power Company.  
Boise National Forest.  
Plans to work toward advance degree.



**JOHN S. VANDENBERG, JR.**  
FOREST MANAGEMENT  
Bonners Ferry, Idaho  
Bonners Ferry High School  
Member Associated Foresters  
Idaho Forester Staff  
Summer Experience — Headquarters Guard,  
Kaniksu National Forest. Dispatcher, Kaniksu National Forest.



**JOSEPH C. VENISHNICK**

**FOREST MANAGEMENT**

Renton, Washington

Renton High School

Member Associated Foresters

Junior Class Representative Associated  
Foresters

Summer Experience—Lookout-Fireman, Kaniksu National Forest. Fire Crew Foreman, Coeur d' Alene National Forest. Fire Prevention Aid, St. Joe National Forest. Plans to work toward advanced degree.



**LORIN J. WELKER**

**FOREST MANAGEMENT**

St. Anthony, Idaho

Member Associated Foresters

Summer Experience — Lookout, Clearwater Timber Protective Association. Fire Guard, National Park Service. Park Ranger, National Park Service.



**EDGAR L. WILLIAMS**

**FOREST MANAGEMENT**

Moscow, Idaho

Moscow High School

Member Associated Foresters

Xi Sigma Pi

Tau Mem Aleph

Wesley Foundation

President Tau Mem Aleph

Vice-president Wesley Foundation

Chairman Forestry Week

Summer Experience—U.S.F.S., Cruising, Scaling, Marking and Public Relations.



**GEORGE J. WILLIAMS**

**FOREST MANAGEMENT**

Moss Point, Mississippi

Moss Point High School

Member Associated Foresters Idaho

State College

Summer Experience—U.S.F.S., St. Joe National Forest. Coeur d' Alene National Forest.



**DONOVAN YINGST**  
RANGE MANAGEMENT

Jerome, Idaho

Jerome High School

Member Associated Foresters  
Idaho Forester Staff

Summer Experience—Fire Control Aid, Salmon  
National Forest. Range Survey, Umatilla  
National Forest.



**GLEN B. YOUNGBLOOD**  
FOREST MANAGEMENT

Council, Idaho

Council High School

Member Associated Foresters  
Idaho Forester Staff  
Treasurer, Associated Foresters  
Editor Idaho Forester

Summer Experience—Smokejumper. Alternate  
Ranger.



**HARRY HOWARD**  
FOREST MANAGEMENT

Harvey, Illinois

Thornton Township High School, Thornton, Ill.

Member Associated Foresters

Roger Williams Club

Intervarsity Christian Fellowship

President Roger Williams Club

President Intervarsity Christian Fellowship

Summer Experience—Clearwater Timber Pro-  
tective Association. Forest Service, Con-  
tact Ranger. Potlatch Forest (Time Study  
and Cost Analysis).

Plans to work for an advanced degree.



**THOMAS H. LAURENT**  
FOREST MANAGEMENT

Atlanta, Georgia

Riverside Military Academy

Member Associated Foresters

Scabbard and Blade

Ski Club

Vice-president Independent Caucus

Summer Experience—Payette National Forest,  
Fire Control, Challis National Forest, Fire  
Control. Challis National Forest, Patrol.

**ELBERT CHANNING CLEVELAND**

FOREST MANAGEMENT

Chevy Chase, Maryland

Chevy Chase High School

Member Associated Foresters

Idaho Forester Staff

Summer Experience—Savenac Nursery, Timber  
Stand Improvement.

**GUSTAV A. VERDAL**

FOREST MANAGEMENT

Sandpoint, Idaho

Sandpoint High School

Member Associated Foresters

Xi Sigma Pi

Summer Experience—Dispatcher, Kaniksu Na-  
tional Forest.



# *Out of the Frying Pan into the Fire, Or Why Squak? It's All Over Now*

BOB McMAHON



Every year around the first week of June and a few days before finals are finished, a terrific amount of frenzied activity takes place in and around the School of Forestry. What's going on? Why, those fortunate, favored few in the school—smiled upon by the faculty and blessed by fate—are preparing to depart for summer camp on the shores of beautiful, but frigid, Payette Lake. Envied they are by all excepting those Juniors and Seniors who have gone before. To everyone else it would seem the ideal way to spend eight weeks of a summer vacation—eating, sleeping, swimming, fishing, hiking, sunbathing, water-skiing, fun-making, a little instruction now and then—in short, living in the great outdoors. A perfect summer vacation!

Should any of the lucky 2-pointers-plus (eligible sophomores, that is) be laboring under this misapprehension, their dreams are soon to be shattered after a day or two in the fire—I beg your

pardon, I mean summer camp—stewing in their own juices. Oh, it's true that all the above mentioned activities can be engaged in if you happen to be a past master of the art of utilizing spare seconds which are mighty few and far between.

As for the instruction now and then. First of all we were conducted through a little marvel of a course, "How to Become a Forest Surveyor in Ten Short Days," by Messrs. Russel and Sargent, better known as George and Chuck.

Having gotten the peninsula and surrounding territory well pegged down with several thousand wooden stakes, we next proceeded to see if there was anything on it of value in the way of timber. This endeavor naturally included slogging, paddling, and cussing our way through those famous swamps on the tip of the peninsula. Criss-crossing the area, mensurating and mapping as we went, we thus were introduced to the subject of mensuration under the able tutelage of Smokey Joe—otherwise known as Ernie Wohletz.

After accomplishing the impossible by surviving the rigors of mensuration, we attacked the subject of forest communities, conquered and subdued it with Doc Deter's help, and went to work on range communities.

It was throughout this course that the now famous "7 Days War" raged across the countryside surrounding McCall. It all began innocently enough at Morehead Flat with the use of such small-arms ammunition as orange peels and empty paper sacks. It progressed rapidly from this point until it assumed the proportions of the first major battle of the war. Pine cones had now become the principal ammunition, but it was during this particular conflict that a secret weapon made its appearance—large round, dried cow-pies, which, to say the least, were most effective. Another weapon which soon proved its worth was a type of anti-personnel mine, which, instead of being planted in the earth, was filled with earth and came winging unexpectedly down out of the skies to smother an individual under a shower of dirt contained in a paper bag. Where were the instructors while all this took place? Why, right in the midst of the melee. After all, they're just boys grown tall.

The participants in this war had now divided into recognizable sides, viz., the "Fire-truckers" and the "Dodge-ers." The latter group received their name both from their mode of transportation and their ability (rapidly developed) which enabled them to survive under the hail of missiles which came their way as the battle raged along the highways and byways. The fervor with which this war was conducted was quickly extinguished when members of one side were ignominiously drenched with buckets of water, and the perpetrators of this ignoble deed were unceremoniously dumped in the lake.

The annual trip to Campbell's Circle C ranch was made at the close of the range communities course. Things had progressed quite satisfactorily after Doc Tisdale's admonition of trying to appear as intelligent as possible and of refraining from asking personal or embarrassing questions. Midway through our discussion with Mr.

Campbell, the inevitable happened! He was asked if he bred his own bulls! Well, maybe that wasn't so bad. After all, it depended on how you looked at it. Needless to say, though, how 48 foresters, minus the one who asked the question, looked at it. Up to the time we left, Doc Tisdale seemed quite satisfied with matters, including the above incident which was more-or-less overlooked. As we took our leave of Mr. Campbell, however, the question was raised as to what those nails were doing imbedded in the hoof of the Hon. Mr. C's. horse! At this, Doc Tisdale could visibly be seen to wilt like one of his range plants when denied water. Tucking our embarrassed tails between our legs, we piled into the trucks and as quickly as possible left the scene of the disaster.

Undoubtedly those who have been to summer camp since the addition of the fire truck to the School for Forestry Motor Pool will be interested to learn that it still performs in a highly unexpected and unorthodox manner. By the time we had reached the last stage of instruction—Ellis' course in logging, milling, and fire—this particular vehicle had become fully warmed up and was displaying its adverse talents to the utmost degree. One day after getting us over to New Meadows somewhat reluctantly, it absolutely refused to bring us back up the hill to McCall. Coughing, sputtering, and wheezing, it finally stopped and would go no farther. Foresters being men who are trained to meet any eventuality and to be proficient in many fields, it was not long before the difficulty was found to lie in the feed line. This, of course, presented no problem to a truckload of foresters. Neatly removing a piece of tubing from the pumper unit, we were provided with a siphon to by-pass the gas line. Several beer cans (found in the ditch, not in the truck!) replaced the cup in the carburetor, and one of our members—draped across the radiator—acted as the needle-valve admitting gas to the chamber. In this unnatural fashion, we proceeded up the hill and rolled triumphantly into camp.

Then there was also the time when that cantankerous red monster marooned several of us halfway up the Lick Creek Summit from the South Fork of the Salmon River. Almost as suddenly as it conked out, it decided to run again, though somewhat protestingly, and so snared us the necessity of forcing it to behave.

The mention of the S. Fork of the Salmon River brings to mind another tale which will bear relating so as to clear up any misunderstanding which might exist. The trip to the S. Fork was made during forest communities, but it was turned into an overnight excursion in order that we might also observe one of Brown's logging operations. We camped for the night in an F. S. camping ground and about 2:00 a. m. the next morning several of the fellows, including the camp fire boss, had an opportunity to engage in some unscheduled fire suppression. The assistance and direction of Mr. Paul Easterbrook, U.S.F.S., McCall, Idaho, was greatly appreciated. Several hours later a breakfast of fried oranges, charred toast, hot rolls, and overcooked bacon was enjoyed by all. As for the rumor claiming that we foresters don't know enough to keep from burning

up our grub—it's nothing but a lie, a low-down bit of misinformation, and misrepresentation of facts; we were merely the victims of unfortunate circumstances.

After viewing all the construction which is taking place on the main university campus, some might wonder if the School of Forestry is going to share in the additions. Well, we are and we have. No longer will Goose Creek resound to the shouts and hollers as the foresters take their weekly bath in Krigbaum Hot Springs. Believe it or not, we now have a new shower house at summer camp, and it will be up to the class of '52 to initiate it during the summer of 1950. George Russell was also acting as supervising engineer during its construction, and had it not been for his presence and keen perception, the darned thing might now be facing out into the brush instead of towards camp as was originally intended.

Speaking of construction at summer camp, that marvel of engineering science now known as "Carmichael's Hole" merits description. With the installation of a washing machine alongside the kitchen door of the Lodge, some sort of drainage facilities were required. At first only a little insignificant hole was dug and filled with large rocks and gravel; but owing to some abnormal condition of the sandy soil, the thing would just fill up and overflow instead of allowing the water to seep away. Mr. Ralph Carmichael was then summoned and prevailed upon to engineer and construct a system of such proportions as to take care of the situation. His success in the matter was apparent and will be obvious to anyone attending camp; the only difficulty encountered was in finding enough rock and gravel to fill in the pit once it was dug. During construction it was necessary to post a guard to prevent any stray cars, trucks, or persons from falling into the hole. It would have required a derrick to get them out again.

Now that all is said and done and a year has elapsed since our experience in the fire, we look back on it in retrospect and discover maybe it wasn't so bad after all. The unpleasant aspects sort of fade away into memory and the pleasant, amusing incidents seem to stand out. However each of us may regard our summer, we can still offer a vote of thanks to the instructors who had to put up with us; so . . . Thanks Ellis, Ernie, Doc Tisdale, Doc Deters, George and Chuck, and Dean Jeffers.

## *The Associated Foresters*

BRUCE COLWELL

The Associated Foresters was founded to promote fellowship and good feeling among the students and faculty of the School of Forestry, foster the best interests of the forestry profession, act in coordination with the University of Idaho, and promote friendship with other forestry clubs.

The organization for the year 1949-50 got underway during fall

registration, at which time both forceful and legal methods of collecting dues for the year began. Printed propaganda and further registration line talks on future activities of the Foresters by Bruce Colwell, plus the nimble fingers of John Tkach in writing out membership cards and the glue fingers of treasurer Glen Youngblood, who claims he has "a natural yearning for that folding stuff"; found many underclassmen members of the association before they knew what hit them. A continued membership drive by class representatives throughout the year, coupled with the inducement of a steak fry prepared by master chef Walt Robinson and staff, and other activities, helped boost the membership to an all time high of 167 members by this writing.

Activities of the Associated Foresters followed the usual pattern. This year saw the annual "Woodchopper's Ball" transplanted from its usual location in the Student Union Ballroom to the Women's Gym. By considerable work by Cal Downing and crew, this year's ball proved a great success. Unique among decorations was the pen full of Southdown sheep handled by the "grass foresters" at this year's ball.

Perhaps the biggest undertaking of the club this year is the promotion of an Idaho State Forestry Week, the purpose being to make the people of the state forestry and conservation conscious. Under the able chairmanship of "Lonnie" Williams it is hoped that this movement will grow through the years.

Officers for 1949-50 were: President, Bruce Colwell; Vice-president, Walt Robinson; Secretary, John Tkach; Treasurer, Glen Youngblood; and Ranger, "Chuck" Muehlethaler. Faculty advisers were Dr. Buchanan, Prof. Wohletz, Prof. Ellis and Prof. Seale.

## *Xi Sigma Pi*

WALT ROBINSON

A national meeting of Xi Sigma Pi was held at the Olympic Hotel in Seattle, October 12, 1949, as an adjunct to the national meeting of the Society of American Foresters. In attendance from Epsilon Chapter were Dean D. S. Jeffers, National Forester; Ernest Wohletz, National Associate Forester; Thomas S. Buchanan, National Secretary-Fiscal Agent; Jess L. Bedwell; A. M. Sowder; James Dick; Vernon Ravenscroft; Russell K. LeBarron; James E. Sowder; M. E. Deters, and James E. King. Committees were appointed by National Forester Jeffers to study and recommend changes in the constitution.

Project "Gavel" has been completed. Within the near future the gavels will be mailed out to those chapters who contributed wood for the project. Ten chapters responded to Epsilon Chapter's request for wood indigenous to their locality. The pieces were laminated, heads and handles turned and polished to complete the job. One of the two extra gavels will be presented to the National Chap-

ter to be rotated with the national offices. The other is to be presented to the Idaho Associated Foresters.

The chapter has undertaken the job of cleaning up the Idler's Rest recreation area northeast of Moscow. A committee has been appointed to look over the situation and decide what has to be done. A lunch-box outing for all members and their wives and girl friends is being planned in connection with the project.

In order to create more interest and activity in the organization the policy of meeting once each month at the home of one of the faculty members was adopted. In the event that the business meeting is short, important forestry problems will be discussed. Our first meeting was held at the home of Dr. and Mrs. Deters. After the business meeting coffee and doughnuts were served. The pleasant surroundings were a great improvement over the usual atmosphere of classroom meetings.

Epsilon Chapter has nominated an honorary member to the fraternity. There are only six or seven such members in the Nation, and we feel that in Jim Evenden we found qualities which have led to his part in the promotion of the forestry profession, and an array of past accomplishments which make him well qualified for honorary membership. Jim was born June 19, 1889. As a boy he became acquainted with the practical problems of forestry in his work in the woods and in lumber camps. He received a B.S. degree in Forestry from Oregon State College in 1914. Upon graduating he became a Forest Ranger; but this position was short-lived, for in the fall of 1914 he was promoted to Forest Entomological Ranger, a position held until the First World War. During the war he served as an officer in the 91st Army Division. After the war he was put in charge of the Forest Insects Laboratory at Coeur d' Alene, Idaho, the position which he holds today.

Besides his professional accomplishments Jim has served on the Council of the Society of American Foresters, as Chairman and Secretary of the Inland Empire Section of the S.A.F., as Chairman of the Forestry Section of the North West Scientific Association, and on various forestry committees of state and private forestry associations. He is a Silver Beaver Scout of the Boy Scouts of America, which is the highest rank of that organization. His pleasing personality and his businesslike way of getting things done have won him the respect and admiration of all who know him.

Officers for the 1949-50 year were: Forester, Walter Robinson; Associate Forester, Omar Campbell; Secretary-Fiscal Agent, Leonard Hoskins; and Ranger, Paul Hoskins. New members initiated were: Gus Verdal, Russ Griffith, Bill Cherry, Merle Stratton, Charles Batten, Richard Krajewski, Glen Fulcher, Jerry Rockwood, Claude Willows, Bruce Egger, Dale Tanner, Dr. Ferrell, Harry Howard, Glen Youngblood, Art Johnson, Bill Scribner, Charles Muehlethaler, Duane Pyrah, Chris Koch, Robert Lodge, Kenneth Parkin, and Allan Morton.

# Idaho State Forestry Week

LONNIE WILLIAMS

Idaho Associated Foresters are preparing for a greatly expanded week of activities this year. The program will be carried out on a state-wide scale through the cooperation of the Idaho Associated Foresters, Idaho State College Forester's Club, the United States Forest Service, Idaho State Forestry Department, the Soil Conservation Service, and various forest industries of the state. It is hoped that the pattern established this year will be carried on and expanded in years to come.

With the increased discoveries of the many benefits of the forests, it becomes daily more evident that the forests can no longer be managed for the sake of timber alone. It is imperative that we have a population which is aware of these benefits so that we may protect our forest resources. An educated public will not only realize the benefits of forest protection, but will seek and support legislation which will benefit our forest industries, our present society, and future generations, and will guard against legislation which will be a detriment to the forest industries, society and posterity. The goal of Forestry Week is to create this forestry consciousness among the people of Idaho and to make the population aware of the value of its resources.

The week's activities will commence with the annual Forester's Banquet to be held at Moscow in the Ad Club. The speaker for the banquet will be Mr. W. G. Beckum, who is Technical Director of the Silvacon Products Division of Weyerhaeuser Timber Company at Longview, Washington. Previously Mr. Beckum was head of the Chemistry Section of Weyerhaeuser Development Department. His topic will be "New Uses of Wood and Wood By-products."

Among the various activities to be carried on during this week are speeches and movies to be presented to high school student bodies and civic groups. The speeches are to be made by forestry students of the U. of I. in the northern part of the state and by students of the Forestry Department of I. S. C. in the southern part of the state. The state forester will conduct a program of forestry emphasis for the southwestern part of the state.

Arrangements are being made to have Forest Service displays in each of the major towns in north Idaho, and similar display programs are being arranged for the southwestern and southeastern parts of the state.

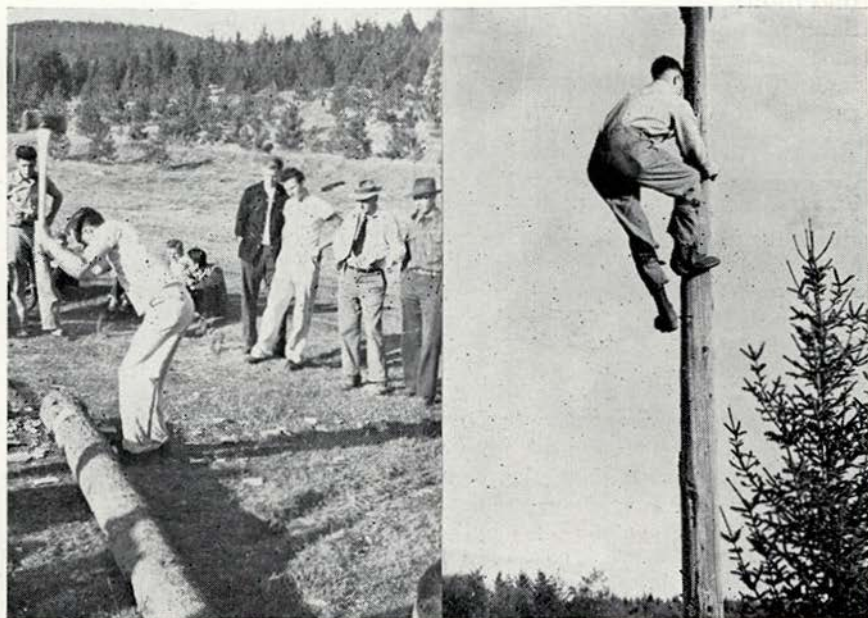
In connection with the All University Day, May 6, the Associated Foresters will conduct an all day program of movies and displays for senior high school students and all other interested persons on the campus at that time.

The publicity committee drew a lion's share of the work for the week. Projects which they are conducting consist of cutting and circulating records to radio stations throughout the state, feature articles for newspapers throughout the state, and distribution of fire prevention and national resource literature, to be furnished by the Forest Service. Distribution of this material will be carried out through the University Publicity Department under the direction of Rafe Gibbs. It is hoped that through these channels we may be able to reach a large portion of the population of the state.

Heading the program as chairman of Forestry Week, is Edgar L. "Lonnie" Williams. The committee heads are: Publicity, Merle Stratton and Paul Hoskins; Speeches, Charles Muehlethaler and Parley Cherry; Displays, Bill Scribner and Lorin Welker; Banquet, Clarke Noble and Art Johnson; Campus Program, Russell Griffith and Gordon Kalk.

## *Barbecue - 1949*

RUSS GRIFFITH



The Idaho Foresters started the 1949-50 school year with their annual Forestry Barbecue out on the Big Meadow Creek unit of the school forest. This year's president, Bruce Colwell, was in charge of the various activities for which points were given to the winners. The forester who won the most points was to be awarded a cruiser's axe. First the followers of Paul Bunyan tested their woodcraft in the log sawing contest. The sawing was followed by log chopping,



pacing, pole climbing, three-legged race, sack race, tug o' war, Indian wrestling, and log burling.

The odd fact about the log sawing was that the first half of the log was easy-to-cut softwood and the last half invariably turned out to be tough hardwood. Some loose axe heads made the log chopping contest interesting, we didn't know whether the log would be cut in two first, or the axe head and handle would part company. The individual results of the pacing contest proved a geologic concept (that the surface of the earth is never static) by having many varied distances.

Pole climbing became quite hilarious when Red Robinson tried his hand (and unwilling legs) at the art of climbing. Red provided much laughter and some pretty good camera shots. The three-legged race also rated with the pole climbing in strained effort, and much laughter. The sack race was followed by Indian wrestling, which was won by the Freshmen.

The event having almost the greatest interest followed—the tug o' war between the four classes. The rope remained in one piece and didn't break as last year; but that didn't help the Sophomores, Seniors or Juniors. The Freshmen proved to be possessed of the most lard. The last contest was also the wettest and coldest—log burling. The log was the only participant which remained in its normal position for long.

The day had grown short about the time of log burling, and everyone's thoughts and legs turned in the direction of the open air mess hall—up at the end of the road. There the starved foresters dined on mighty fine steaks and accessories. Oh, yes, Bob Salee won the cruiser's axe for having accumulated the most points.

## *Idaho Goes Modern*

Rapidly taking shape on the University of Idaho campus are four large buildings, the Agricultural Science Building, the addition to Kirtley Laboratory, the Student Union Building addition, and the addition to the Administration Building.

The largest of the four, the Agricultural Science Building, is scheduled for completion on August 1, 1950. The building is located west of the Navy Building and is impressive in its large size and capable appearance. Upon completion of this building, the College of Agriculture will move from Morrill Hall which is now shared by Agriculture, Home Economics, and Forestry.

Nearing completion is the addition to Kirtley Laboratory, which is being built for the electrical engineers. It is located east of Kirtley Laboratory and faces Sixth street. North of this building, where the Forestry Laboratory was situated, considerable progress is being

made on the first unit of a new Engineering Classroom Building. It will replace the frame structures now located to the rear of the present Engineering Building.

The three-story addition to the Student Union Building, which is being built adjacent to the former structure, also has as its completion date, August 1, 1950. Space will be provided in it for an enlarged ballroom, a cafeteria, lounges, bowling alleys, and offices for student activities and publications. The building, a \$650,000 structure, will be financed by student fees and earnings.

In April, construction began on the Administration Building addition, situated east of the temporary Classroom Building and joined to the present Administration Building. It will provide offices and classroom space for the Colleges of Letters and Science, and Law, and the Schools of Education, and Business Administration.

Still in the planning stage is a Music Hall, to be built east of the Administration Building in the empty lot next to the TKE house. This building will provide a central office for music students who now have classes in frame buildings scattered about the campus.

In the improvement department, the old Dairy Science Building has been rejuvenated and is now housing the Agronomy Department, which formerly used the rooms presently occupied by the Home Economics Department in Morrill Hall. The Metallurgy Building, a space-waster located south of Morrill Hall, is being reorganized to provide added rooms for the School of Mines and housing for research laboratories.

Not only will these new buildings provide additional space for a swollen war-time enrollment, they will also greatly improve the looks and status of the University of Idaho.

## *Foresters' Ball*

BILL SCRIBNER

After lengthy debate on the uniform of the day, the plans for the 33rd annual Woodchappers' Ball were culminated. On March 4, plaid shirts and Levis were again regulation. The theme for decorations was centered around the traditional character Paul Bunyan. Once each year this immortal North Woods hero takes a place of honor in the bar room—OOPS! ball room to supervise the antics of the river-pigs and the timber-beasts (and of late years a few stray sheep herders) as they feel the effects of escape from the privations of Morrill Hall.

Paul was forced to move camp this year, however, from the Student Union Ballroom to the Women's Gym. This new site was chosen because of the remodeling operation in progress at the S.U.B. The Gym was well disguised with cedar boughs and wildlife speci-



mens. (Someone sneaked a pair of "woolies" in, sagebrush and all; but, since the creatures spent most of the evening sleeping, charges will not be pressed.) Rumors of an operating still were persistent throughout the evening, but surely they were unfounded—any good Southerner knows that it takes longer than three hours to set up.

The dance was rather slow in getting started this year because of an Idaho-W.S.C. basketball game. After a tense 15 minutes of overtime play, Idaho emerged victorious, and the guys and gals relaxed to be wooed by the music of Carl Painter and his orchestra.

Cal Downing was the Big Push this year, and all arrangements, with the exception of one, were carried to successful conclusions. It seems that in the last-minute rush Cal was detailed to obtain lubrication for the floor. He made a fast trip to the corner grocery and, after some delay, proudly returned with two boxes of corn starch (his original intent was corn meal). It seems the game was being broadcast there, too.

The efforts of Joe Basile, who spread the news of the affair far and wide, and Glen Fulcher, who handled ticket sales, helped make the Ball a profitable affair. Bob Gorsuch's decorative abilities were not to be questioned, and Hal Hunter had things well under control at the punch bowl. Harold Thomas and his crew of swampers removed the debris and put Paul Bunyan in storage for another year.



Top Left—Bottle Bay - Lake  
Pend Oreille, Sandpoint, Idaho

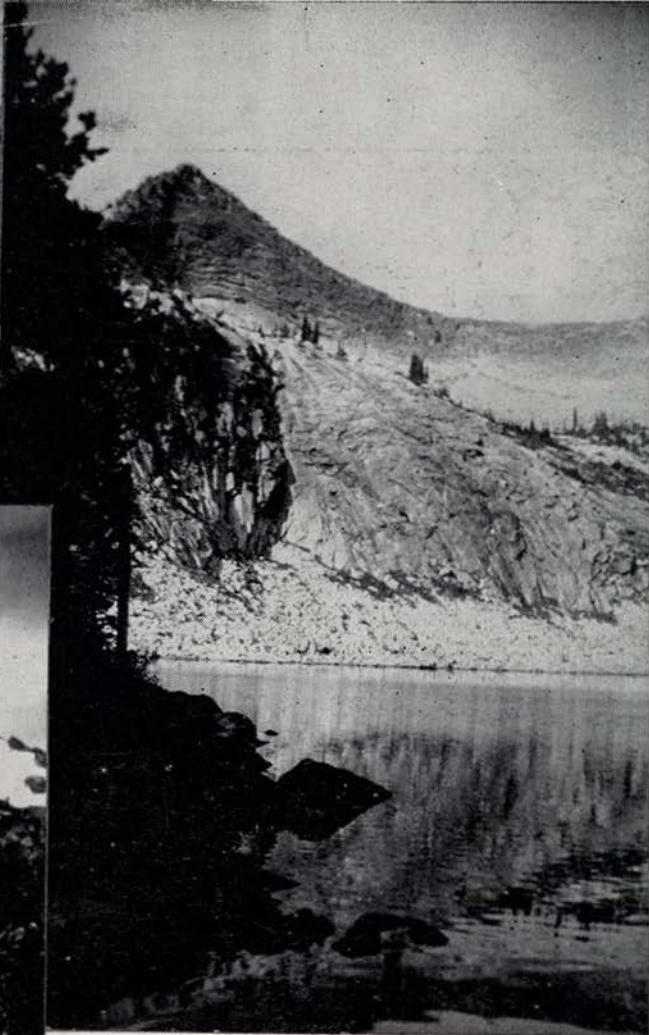
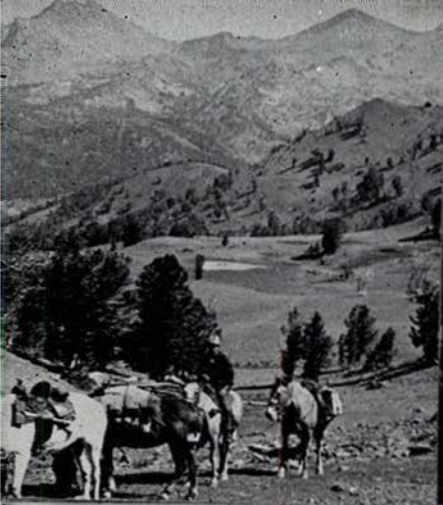
Center Top—Sawtooth, Mackay,  
Idaho

Top Right — Harrison Lake  
Bonners Ferry, Idaho

Center — Seven Devils

Bottom Right—Stevens Peak  
Wallace, Idaho

Bottom Left—Hell's Canyon  
Snake River, Idaho



## *Visiting Alumni*

In answer to the many requests we have had for more alumni news the Idaho Forester presents information regarding the activities of some of the alumni that have visited the University in the last year, as obtained from professors of the School of Forestry.

### **CLASS OF 1919**

**Tom Jackson**, and his son stopped by on their way to a meeting of the Canadian Forestry Association. Tom is Vice-president of Pacific Mills, Ltd., Vancouver, B. C.

### **CLASS OF 1922**

**James W. Farrell**, supervisor of the Boise National Forest, is a frequent visitor.

### **CLASS OF 1925**

**Arthur M. Sowder** stopped by while carrying on his official visits to extension foresters of the west. He is Extension Forester with the U.S.D.A. in Washington, D. C.

### **CLASS OF 1926**

**Harold Z. White**, research engineer with Potlatch Forests is a rare visitor although he only lives 35 miles away.

### **CLASS OF 1932**

**Joseph F. Pechanec**, chief of grazing research at the Pacific Northwest Forest and Range Experiment Station, Portland, Oregon, manages at least one visit a year.

### **CLASS OF 1933**

**Charles A. Wellner** is an occasional visitor. He is leader of the North Idaho Research Center and works out of Spokane.

### **CLASS OF 1935**

**Henry F. McCormic** is Ranger at Okengar, Idaho. He stopped by on November 30.

### **CLASS OF 1938**

**Ernest H. Taylor** is a Ranger on the Targhee National Forest.

**Jonathan W. Wright**, who is now working on tree breeding at the Morris Arboretum in Philadelphia, stopped by for a few days last fall.

#### CLASS OF 1939

**Gilbert B. Doll**, the first student to work on the Clearwater grazing study is now Assistant Supervisor of the Toiyabe National Forest, under Supervisor C. E. Favre '14.

**Rudolph Goldblum**, returned from a year in Alaska and is now operating a photography shop in Moscow.

**Earl Ritzheimer**, logging supervisor for Potlatch Forest, Inc., stops by occasionally.

#### CLASS OF 1940

**Richard T. Bingham** is with the Bureau of Entomology and Plant Quarantine.

**Allen W. Galbraith** is Range Examiner, with the Indian Service stationed at the Klamath Indian Agency, Oregon.

**Walter A. Mallory** is working with cost accounting at Potlatch, Idaho.

**Barton O. Wetzel** is right here in Moscow doing well for himself as a consulting forester.

#### CLASS OF 1942

**Robert H. Kliever**, was here making an estimate on some work to be done for the University by the American Seating Co., of which he is an employee.

**Edward L. Noble** is Ranger at Leadore, Idaho.

**Vern Ravenscroft**, an almost weekly visitor, is extension forester for the state.

**Robert H. Seale**, formerly an instructor at Farragut College and Technical Institute, he is now an instructor at the University.

#### CLASS OF 1947

**Calvin L. Bates** is with the Production and Marketing Association.

**James Dick** is with the Research Dept. of Weyerhaeuser Timber Co.

**Roger L. Guernsey** is State Forester of Idaho.

**James E. Mattox** is employed by the Bureau of Land Management at Shoshone.

**George C. Nitz** stopped by this fall on a short vacation from Chicago, where he has his own business in River and Lake Transportation.

**Irvin Wentworth**, is now with the Pack River Lumber Co.

#### CLASS OF 1948

**Ellsworth R. Brown** is a member of the Washington State Game Commission, and has stopped in several times to consult with members of the staff.

"Long John" Herron is back at the University on temporary leave from the Forest Service to do work in personnel management, this may come as a shock to his friends.

Grant B. Potter stopped by to visit with members of the faculty. Grant is now Assistant State Forester of Idaho.

Duff Ross is with the Payette National Forest, he stopped in for a short visit.

Robert A. Rowen is also with the Payette National Forest.

#### CLASS OF 1949

Richard B. Anderson, who stopped in last fall, is working in the Payette National Forest.

Francis Kolar is living at Tensed, Idaho, but as yet is unemployed. He hopes things will open up in the spring.

Robert B. Walkley is keeping busy as farm forester in St. Maries, but manages to drop in occasionally.



At the national meeting of the Society of American Foresters in Seattle on October 11th and 12th, the following alumni, their wives, and both past and present faculty members, got together at the early hour of 7:30 to have breakfast.

Row 1 — D. Nelson Jeffers '39, Tom Lommasson, Irwin D. Ellis '39, A. W. Galbraith '40, Art M. Sowder '25, James E. Sowder '31, Ernest H. Taylor '38, Russell LeBarron '31, Charles M. Genaux '29, Joseph F. Pechanec '32, Earl S. Morganroth '34, Dean D. S. Jeffers, C. E. Poulton '39. Row 2 — Jess L. Bedwell '17, Herman E. Swanson (L&S), James Dick '41, A. W. Silpp '39, E. W. Tisdale, Don W. Wilson '38, H. I. Nettleton '28, T. S. Buchanan '35, Mrs. H. I. Nettleton, Mrs. D. S. Jeffers, M. E. Deters, Mrs. C. E. Poulton, Mrs. J. E. Sowder, Mrs. C. H. Willison. Row 3 — Bill Lloyd '38, Ken Parkin '49, Vernon H. Burlison '43, Warren R. Randall '43, Jim Girard '43, Vernon F. Ravenscroft '43, Steele Barnett '48. Not Pictured — Carthon R. Patrie '21, E. J. Jankowski '41, Charles H. Willison, Ernest Wohletz.





**FEATURE  
ARTICLES**

# *Research at Work on Forest and Farm*

ERNEST WOHLTZ

This is a progress report on one research project, sponsored by the Forest, Wildlife and Range Experiment Station and the Forestry Extension division of the College of Agriculture of the University of Idaho. The report is not the usual type which gives progress of research, but rather one which shows progress in the application of the results of research. Reports of this type are necessary in order to appraise the effectiveness of research programs, and to answer the question, "does research pay?"

Beneficial results accrue to society when research results in bringing about an expanded use of previously little used resources. The expanded use makes possible a broader basis for economic activity, stabilizes communities and industries, creates new jobs, and raises the standards of living generally. In the case of forests, a renewable resource, it means taking full advantage of the annual productivity of lands, which were formerly idle, such as many lodgepole pine areas in southern Idaho. Thus, forests close to home can be used thereby reducing transportation costs on timber formerly imported, and relieving the pressure on the imported species which in many cases are being overcut.

It is thought by many that, in total, the forest wealth of Idaho has been seriously depleted by overcutting. Although this is true for such species as white and ponderosa pine and red cedar, it is not true for others. Trees like lodgepole pine, white-fir, hemlock and others are not being used as fast as they are growing and in some cases they are scarcely used at all. This has resulted in economic losses in many obvious ways.

The research project "Utilization of Idaho forest trees" referred to above, has aided in a period of but two years in the correction of this situation. The results which were made available, through the publication, "Cold-Soak Wood Preservation," presented facts and procedures for treating with penta-chlorophenol many little-used non-durable species of Idaho. This inexpensive method of wood preservation is so simple and practical that it is being accepted as the effective way to treat these non-durable woods. They are being put to use in places of high rot hazard in preference to the more expensive durable woods for such purposes as fence posts, poles, potato cellar timbers, feeding troughs, foundation timbers and many others. This is especially true where they can be used in the round, which in many cases is desirable, in spite of present practices in some cases. Structurally they are as good or better than many timbers formerly used and are often cheaper.

This research project is only one of many similar projects and activities that might be undertaken to help solve this very important problem. There are at least five specific ways to increase demand for the wood of trees having little use in the past.

1. Sound promotional programs, designed to overcome unjustifiable prejudices or stigmas concerning these woods. Once it is recognized that they have good inherent qualities for many uses the problem is not unsurmountable.
2. Research on the woods themselves, to uncover facts which indicate their weaknesses and desirable qualities for specific uses. This should be followed by research on processing, such as preservation, so that any weakness might be overcome, and full advantage taken of desirable qualities.
3. Research to discover more efficient equipment and specific methods for harvesting and processing, particularly where small trees are involved.
4. Industry diversification and integration so that unused wood and presently little used trees might receive greater economic consideration.
5. Expanded extension through educational and demonstration programs to acquaint the public with the results of current research. Extension and research personnel should work closely together.

This project encompassed the activities mentioned in (2) and (5) above and led to practical accomplishments. The research half provided the technical information on a preservation method which meets the needs of farmers, first, because it is one which they can and will undertake, and second, because it is economical. The extension half disseminated the information in such a way that to date many tangible results are evident. This combined effort can point to the following accomplishments:

1. The first results of the research work were made available in 1948 when the "Cold-Soak Wood Preservation" bulletin was issued. In this short period, the original printing of 15 000 copies would have been exhausted if all requests had been met. Besides those requests received from Idaho citizens, numerous individual requests running as high as 5000 copies have been received from other states and foreign countries. This widespread interest indicates that a long felt need was and is being met.
2. Once these results of research became available the extension service went to work. This is evidenced by the fact that they have held more than 100 method demonstrations with almost 3000 farmers in attendance, and have made hundreds of contacts in person and by mail. The Forest Wildlife and Range Experiment Station also received many requests for information which was furnished.
3. Evidence gathered from numerous established service tests indicates that the annual cost of this treated wood is only one-sixth to one-fourth as much as for untreated wood because of the longer life of treated timbers. These economic benefits of treatment cannot be denied, and compared to

UNIVERSITY OF IDAHO  
School of Forestry  
Moscow, Idaho  
March, 1948

## **Cold-Soak Wood Preservation**

A simple, effective, inexpensive  
method of wood preservation  
for farmers and small  
commercial plants

ERNEST WOHLETZ  
AND  
VERNON RAVENSCHOFF

Issued under grant from the Special Research Fund



the former method of using untreated wood we can say that the farmers of Idaho already have saved many thousands of dollars. It can be stated now that the time is not far off when the use of untreated wood in places of high rot hazard will be a thing of the past.

4. In less than two years eight small commercial and community treating plants have come into existence in the state of Idaho alone, to meet the needs of those not wishing to do their own treating.
5. Although no final estimate has been made on the number of individual farmers doing their own treating, it is evident that it is large judging by the number of farms having the treating set-up shown in the picture.
6. Data supplied by the manufacturers and distributors of "penta" indicate that 265,000 gallons of "penta" concentrate have been moved into Idaho. This is enough to treat more than two million fence posts, equal to a probable annual farm saving of \$76,000 for the next 15 to 20 years or a total saving of about 1½ million dollars.

These facts do not mean that the job is completed, and that full advantage is being taken of the research results. For example, it is estimated that if all farmers and ranch operators in southern Idaho would take advantage of the benefits resulting from wood preservation the yearly savings in post replacement alone could be as high as one million dollars. However, from the above statements it can be seen that this appraisal of research results, after but two years is encouraging. A trend is started which should prove increasingly fruitful as time goes on.

## *An Eye Witness Account of the Mann Gulch Disaster*

By BOB SALLEE

On August 5, 1949, in an isolated section of the Helena National Forest, a small smoke began to curl up above the tree tops to be wafted away by the morning breeze. Still too small to be spotted by the lookouts located on the surrounding peaks, it ate its way into the duff, growing larger and hotter by the minute. By noon it had eaten into concentrated fuel and began to burn with more heat and smoke. A short time later the lookout reported a spot fire on the ridge above Mann Gulch, 20 miles north of Helena, Montana, on the Missouri River.

In order to get men into the fire, Ranger Bob Jansson of Canyon Ferry District, would have to take the men to Hilger Landing on the Missouri and then about 10 miles down river by boat. In the meantime, Jansson had already sent to the fire Richard Harrison, fire guard at Gate of the Mountains Guard Station in Merriwether Canyon.

By the time Harrison got to the fire, he found that it was burning much too fast for him to bring under control. He hurried back to the station and ordered sixteen men. Because of the inaccessibility of the area, Jansson had already ordered a crew of smokejumpers from Regional Headquarters in Missoula.

At the loft in Missoula, the first sixteen men on the jump list, including myself, began to get their jump gear, check out property tags, and help load the C-47 that was waiting on Johnson's Field. Shortly after 2:00 p.m., we were airborne and heading northwest to our destination. In the afternoon, mountain flying is not a smooth little pleasure jaunt, but a jolting ride that makes you wonder about the wisdom of being there. At the end of the roughest ride I ever hope to encounter, we circled the fire which was burning on one end of a ridge that dropped straight down to the Missouri on the South and East sides and bordered Mann Gulch on the West.

The spotter picked out a jump spot, and the first stick lined up to jump. After they jumped the second stick, of which I was first

man, made ready. With a smooth landing in a lodgepole pine, I sacked my gear and took it over to where the foreman had decided to pile it. The fire was burning fairly hot for late afternoon, but it didn't seem too bad. It was about a hundred acres; and with the cliffs on the South and East, the only way it could burn was up the ridge or down the steep hill into Mann Gulch.

Wag Dodge had gone up to the fire in answer to a call from Richard Harrison who had already returned after radioing for help. After we gathered our equipment and had a bite to eat, we started up to take a crack at the fire. Before we had gone a quarter of a mile, we met Dodge who told us to go down Mann Gulch, angling up the opposite site until we got to the river. He and Harrison then went back to our supplies to get something to eat. About half a mile down the canyon, he caught up with us and said to step on it as the fire was blowing up.

A short time later we broke over one of the small ridges coming off the main ridge. We could see then that the fire had already crossed Mann Gulch and that we were cut off from the river. We had been traveling single file, but when we turned back up the hill we broke rank; when we reformed, I was third or fourth man, instead of last as I had been. It was about this time we were told to throw away anything heavy. Rumsey and I laid our saws on a big rock and yelled back down the line for the others to drop their tools. By this time I could already see some of the men outlined against the fire, now burning in a wall about eight feet high which seemed to be rolling up the hill. Rumsey and I poured it on and passed every one except Dodge.

Dodge stopped and started a spot fire about 250 yards from the top. He figured that we couldn't make it over the ridge. At the time he started it, I was under the impression that he wanted us to go up alongside his fire and use it for protection from the main blaze. Rumsey and I did exactly that. When I reached the top of the ridge, I looked back and saw Dodge go into his fire. Several men were going up alongside his fire, and I believe I heard Dodge yelling for them to get inside. Rumsey and I broke over the ridge and down the other side at a run. About a quarter of a mile down we found a pile of slide rock which was about 100 yards long and ten yards wide. We both decided it would be safer here than to try to reach the river which we could see about a mile to the Southwest. It took the fire about 5 minutes to burn down to our rockpile, burning the bottom first and then the top.

About 10 minutes after the fire had burned past us and gone over the next ridge, we shouted to see if anyone would answer. We immediately received a reply from Squad Leader Bill Hellman. When we got over to where Bill was, we found him badly burned. I tried to get our first aid kit out of Mann Gulch, but it was still too hot to get down in there. Just as I got back to Rumsey and Hellman, we heard a shout from over the ridge. We yelled back, and before long Wag Dodge came over the top. He had dug in in his spotfire and had pulled through okay. He was surprised to see us as he

didn't think we had a chance. He had found Joe Sylvia on the other side and told us Joe was badly burned.

Dodge and I started for help while Rumsey stayed with Hellman. We walked toward the river and crossed the front of the fire about a quarter of a mile from the river. It was not burning very hot at the time. That was the first time I ever drank dirty, muddy water from the Missouri, but I was glad to get it. Lacking a map, we first went West along the river bank. When we got to Buckhorn Creek, we heard a boat coming from the other way. Unable to signal it, we tried to get back up the river before it turned around, but we were too late. It was growing dark, and they didn't see us.

Now we went East along the river; with the fire burning on the ridge above us, I began to appreciate the old Missouri. About a mile above the guard station, we heard a dog barking on the other side. I called and was answered by a man who, with his wife, was watching the fire. I asked him to pick us up in his boat and take us to the station.

When we arrived there, Dodge got on the radio and called Missoula. He ordered a doctor and stretchers and made his report on what had happened. About three or four hours later, the doctor and the medical supplies came in by boat from Hilger landing, and we started back to where we had left Rumsey and Hellman. Because of his hard landing, Wag Dodge was unable to accompany us.

Jansson, an alternate, eight volunteers from a fire suppression crew, two doctors, and I took two stretchers up to get Hellman and Sylvia. We had plasma, morphine, blankets, and all necessary equipment. We met Rumsey, going after water, about half a mile from the river along the same route Dodge and I had traveled going out. A few minutes after we got to Hellman, the doctors gave him morphine to kill the pain; and as soon as he was comfortable, they began giving him plasma. When the doctors had finished with Hellman, Jansson, the alternate, the doctors, three of the men, and I went over to find and take care of Joe Sylvia. Rumsey and five other men stayed to take Hellman to the river when daylight came.

We had reached Hellman about 1:00 a.m., and I think we found Joe Sylvia about 2:30 a.m. When dawn came, we tried to find some of the others. We found four bodies, but that was all we could locate at the time. We carried Joe Sylvia down Mann Gulch to the river, and a boat met us there to take him to Hilger Landing, thence to Helena and a hospital. As we put Joe on the boat, he raised up and said, "Thanks a lot, fellas. I'll do the same for you some time." With a spirit like that, I gave him every chance to live. But I was wrong; both Sylvia and Hellman died in the hospital at Helena that afternoon.

Rumsey and I returned to Missoula that afternoon. Wag Dodge and another crew of jumpers located the rest of the bodies, and they were taken out by helicopter. White markers were placed where the bodies were found, and brown ones where Wag, Rumsey and I had taken refuge. Several organizations are planning to erect monuments in memory of those men who didn't return from this jump.

## *Thirty-five Year Graduate*

By EDITH S. FAVRE



After two and one-half years in high school at Cambridge, Idaho, and the University Preparatory School, Clarence Favre entered the University of Idaho in the fall of 1910.

Since he received a degree in Forestry, it is assumed that was his major interest—but a glance at Gems of that time shows participation in football (captain of the team one of "those years" that Idaho beat WSC), and some years hashing at Ridenbaugh Hall (he still claims it was the money in which he was interested). Apparently he could handle all of these activities, and he must have studied some time, because in June, 1914, he graduated from the University. He returned the next fall to accept a teaching fellowship in forestry and hold the post of Graduate Manager of Athletics. He received his masters degree in Forestry in June of 1915.

In the spring of 1915, he began work regularly with the U. S. Forest Service, working principally in Idaho and Nevada as Assistant Ranger and Grazing Assistant. In 1916 he went to Elko and became Supervisor of the Humboldt National Forest in 1917.

In 1918 he received the World War I equivalent of "Greetings" and served as a lieutenant in the 9th Field Artillery.

Following the war, he returned to Elko, Nevada, as Supervisor of the Humboldt Forest, and also Forest Inspector for the State of Nevada. It was there, in 1919, that he was married to Edith McLeod.

From Elko, he was transferred to Kemmerer, Wyoming, to be Supervisor of the Wyoming Forest (now known as the Bridger). After twelve years in Kemmerer, moves came fast, with assignments in California, Washington, D. C., and finally Ogden, Utah, where he held the position of Assistant ARF. In 1939 he was appointed As-



sistant Regional Forester in charge of Range Management, a post he held for eight years.

Looking forward to that inevitable retirement date, he and his wife chose Reno as a good all-around city—so when the opportunity presented itself he transferred to Reno as Forest Supervisor of the Toiyabe National Forest.

Mr. Favre is a Senior Member of the Society of American Foresters, and a member of the Society of Range Management.

There's just one thing that his family, a wife and daughter, would like to add. When the time is right to sing "Idaho," Dad sings the loudest and best of anybody! Well, who said anything about being in tune.

## *Forestry Training in Britain*

KENNETH F. PARKIN

To permit an appreciation of the type and extent of forestry training in Britain, a brief outline of the forestry situation will probably prove useful.

Britain's climatic range provides for mainly deciduous forest climax of beech, oak and ash, although in parts of Scotland, the only indigenous conifer, the Scotch pine, grows abundantly. Only a few scattered remnants or the original, extensive, deciduous forests remain, and these are neglected woodlands or former Crown Hunting Forests now preserved for aesthetic and public recreational purposes.

World War I emphasized the necessity for a home timber supply, so the government set up the Forestry Commission to undertake extensive afforestation. The only available land was infertile moorland, useless for agriculture, and employed for uneconomical, rough sheep grazing. Past experiments had revealed that certain exotic conifers would grow fairly well on these sites, so large scale planting with plants grown from imported seed was started in 1920, the target being five million acres of managed forest land within fifty years.

Thus the foresters' task in Britain is mainly one of raising seedlings, planting these out on the moors, and tending the eventual timber crop; and his training emphasizes these points.

The rapidly expanding Forestry Service absorbs several hundred men each year, and its aim is to insure that every man has a fundamental forestry training. Workmen accepted for forestry work spend one year under training in the forest before they are considered permanent employees. Particularly promising pupils may be permitted to attend one of several forester training schools, where an intensive course in theoretical and practical aspects of forestry is offered. The full course to qualify for forester's grade takes two years, but the course is so arranged that men who will not benefit from the full training are granted a Foreman's Certificate at the end of the first year. The remainder, on successful completion of the course,

are awarded a Forester's Certificate, and qualify for that post.

Forest Officer grades demand a university degree, so that special courses have been set up at four British universities. At two of these universities, those of Oxford and Aberdeen, however, the accent is on tropical forestry, for the majority of the forestry graduates each year take up appointments with the Colonial Forestry Service. These tropical courses emphasize range management, irrigation, conservation, law and administration in addition to the normal silviculture and management.

At the universities of Edinburgh and Wales, where most of the graduates for British forestry are trained, the intensive, three-year course emphasizes management practices, mensuration and survey, experimental work, soil, ecology, and details of species throughout the world. The vacations are spent mainly on practical forestry courses, which include trips to planted and potentially plantable sites throughout Britain, and usually an extended tour of forests on the Continent; so that a graduate forester enters the field with a fundamental background.

Immediate graduate forestry training is not normally undertaken, unless the student wishes to enter a specialized field such as entomology, mycology, or pedology.

A forestry career is rated as one of the most attractive vocations in Britain today, and applicants far outnumber the controlled number of vacancies in the training establishments of all grades.

## *Alaska !!* *Stamping Ground of Nelson's Grass Idiots*

THANE JOHNSON

Just where we picked up this handle, we do not know, but it is quite descriptive. After charging through *Calamagrostis*, devil's club, salmon berry, muskeg, and water, and up and down mountains, day after day, for three and a half months, we deservedly may have been called grass idiots.

The leader of our survey crew was Talmadge Nelson. He is an old timer with the Bureau and an Idaho grad of 1937. Aably assisting him were two foreigners from New York, Bud May and Jack Hathaway, and two other Idahoans, Von and Thane Johnson. We were on a range survey making a study to obtain information for the Bureau of Land Management regarding the feasibility, possibilities, and extent to which livestock could be raised and grazed on certain areas of the Territory. The Bureau was receiving ever increasing numbers of inquiries from stateside concerning prospects for settling in Alaska, and many of these inquiries were directed towards livestock raising. The Bureau had no information of this nature, so it was necessary that it be obtained.

The work presented a summer packed with enjoyment, thrills, and new sights. Much of the time was spent roughing it and camping out. As the roads were of a limited nature, we were subjected to a great deal of hiking, most of this being cross-country without any trails. Seaplane was another chief means of transportation to distant localities.

The first grazing area that we investigated was on Kodiak Island. It is the largest island on the Aleutian chain, and has a lot of Alaskan settlement history behind it, as does the rest of Alaska. Kodiak Island is, essentially, a large rock which has only a thin layer of soil for the vegetation. The top layer of soil is ash which came as a result of the Katmai volcanic eruption in the early part of the century. The island is rugged and mountainous, but vegetation grows abundantly. Trees are present to a limited extent, the principal species being Sitka spruce and balsam poplar, neither of which have any commercial value. The grass often towered over our heads and was so dense as not to allow room for additional plant cover.

Nature provides very tasty berries in both the red and yellow species of salmon berries. The flowers of Alaska are deserving of mention as they comprise much space in the literature of the territory due to their abundance, beauty, and variety of species; and for our purpose they provide a good share of the palatable forage.

Kodiak Island is advertised as "Home of the Kodiak bear, the largest carnivorous animal in the world." The bear attain unlimited size in the imagination and stories of the villagers, and were claimed to be as thick as the grass—so we carried rifles while in the field, all day and every day.

The town of Kodiak is a robust, friendly fishing village composed of Indians, natives and whites, from every corner of the earth. It is a very interesting and compact settlement. Just this summer the town became incorporated, and they were putting in streets. This is a good illustration of the trend towards advancement found throughout the entire territory.

While on Kodiak our headquarters were at the Naval Operations Base where we received much valuable assistance and accommodation from the Navy.

In our spare time when we were not looking for bear or eating salmon berries, we found time for fishing. Fish provided a great deal of our food supply throughout the summer, and were they good! The fishing is a paradise for salmon and dolly varden; however, during our stay early in the season, we were so unfortunate as to be stranded on a stream that didn't have any fish for some strange reason. We were at one of those far-away places and had been flown in to work. The weather closed in and we were there 4 days longer than our food supply. But Alaska being a land of plenty and with sustenance a matter of necessity, we hunted ducks with our .30-.06. We might just have well have saved our shells since little meat was secured that way. Nevertheless we were undaunted, and putting to work what we had learned from Dr. Gail about fritillary

bulbs, we proceeded to gather them, together with mud clams. With these two ingredients we made a concoction fit for a crew of hungry grass idiots—well, anyhow we lived on it till the plane arrived several days later.

What we missed by not encountering a bear was made up for by tales from the eccentric homesteaders who were continually hunting and battling them. We encountered four separate homesteader cattle enterprises and one dairy enterprise on Kodiak. Each of them was a small-scale operation of about 100-150 cattle. They were making a good go of it but under rough conditions.

Before we left Kodiak we also found that the miles are longer there than we had been used to. On one occasion we were to back-pack to a locality with supplies and equipment for four days. Our destination was about five miles inland. We anticipated arriving there about 6 p.m., but to our dismay it was 10 p.m. when we pulled into the cabin. It's a good thing the sun shines 23 hours a day, or we would never have found the cabin. What a tired grass idiot crew we were.

From Kodiak we went to Homer which is an agricultural locality. The topography is flatter and the soil much more fertile than on Kodiak. Homer is on the Kenai Peninsula, attached to the mainland, and is referred to as "the Shangri-la of Alaska" in Chamber of Commerce literature. The town itself is scattered over an area about a dozen miles long by several miles wide. The population is about 700. There is no crowded central village—everyone has room to live and breathe, and they all know each other, so it is a friendly little rural settlement.

Good garden and field crops are easily produced. Grains, forage grasses, and clover grow rank and make good hay and pasture. Homer has long been noted for its native red-top grass which grows abundantly in many areas and reaches a height at maturity of six feet. There is open land for homesteading yet available on the hills above the town, some of it good grazing land for beef cattle.

We made our headquarters in a deserted tavern which we rented, and we borrowed a dump truck to serve as transportation while there. We found it a friendly, likable community and difficult to leave when the time came.

With all the other selling points, Homer is not devoid of surprises. We were out surveying a muskeg one day and walking along minding our own business, when suddenly the mud, grass, and water was up around our waist. We made a hasty retreat and henceforth walked around the muskegs instead of through them.

Along with all the grassland around Homer, there is plenty of young Sitka spruce timber, thickly inhabited by grouse. The timber is used in building log houses.

The completion of the work at Homer brought the end of a pleasant, interesting summer, and left us with a yen to return someday to the land of the 49th state and endeavor to get the cheechako out of our system.

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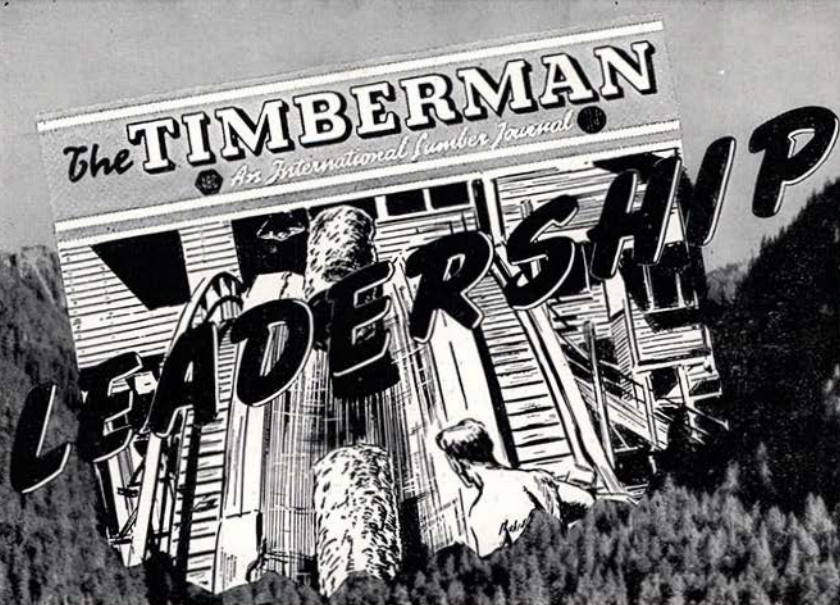
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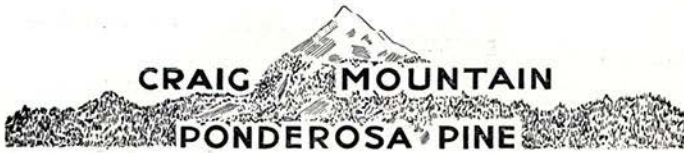
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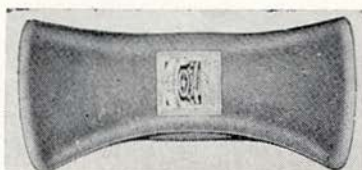
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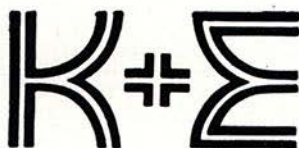
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