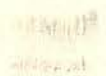
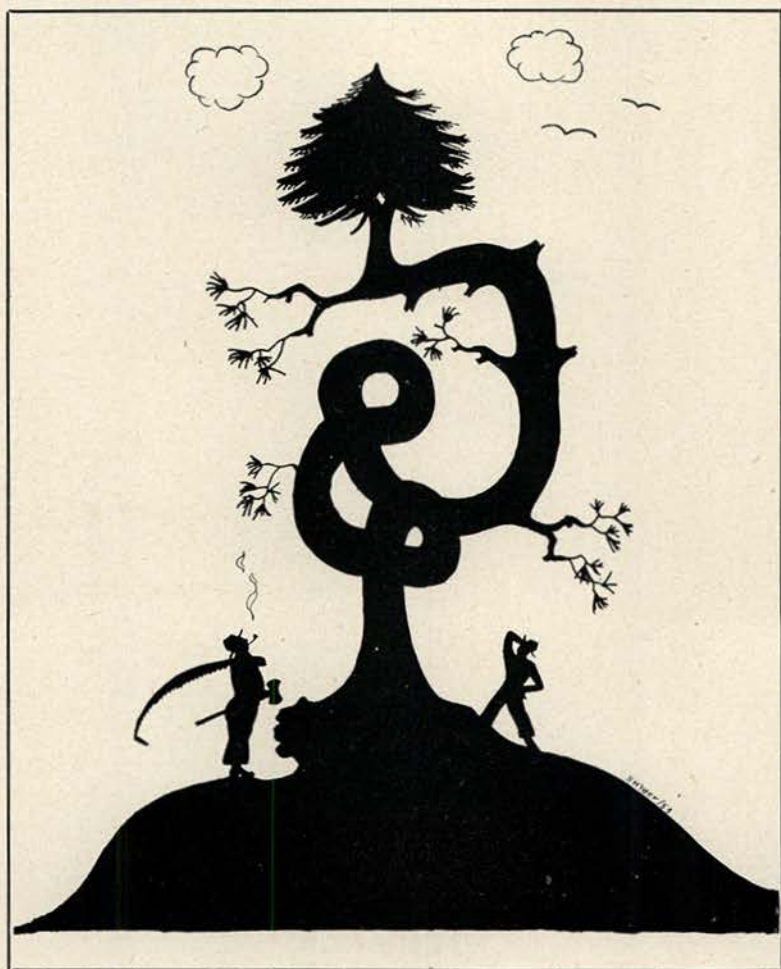




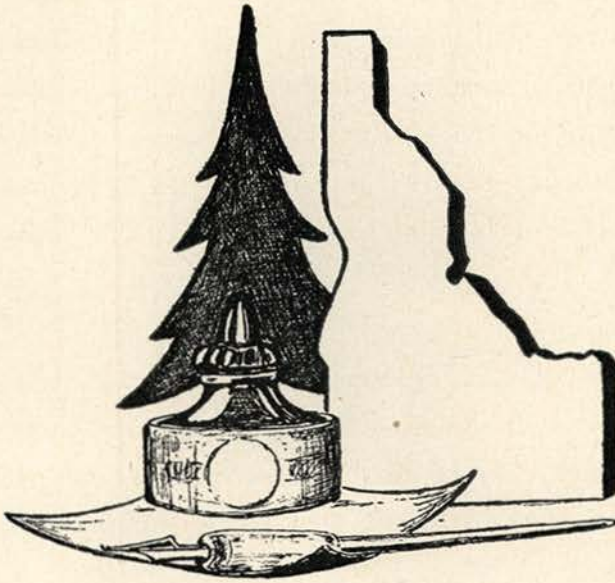
**THE
IDAHO
FORESTER**

Volume XXXV - 1953





THE IDAHO FORESTER



Published Annually

by

THE STUDENTS OF THE SCHOOL OF FORESTRY

UNIVERSITY OF IDAHO

Moscow, Idaho

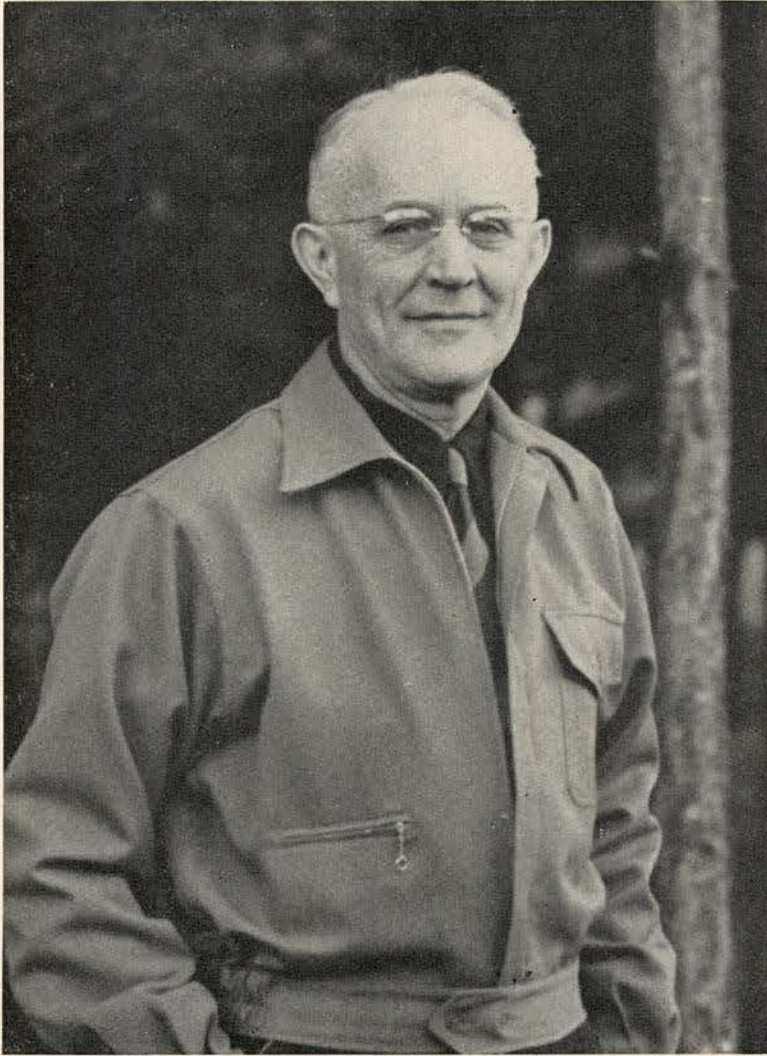
FROM THE EDITOR

Another school year has passed and in its wake are memories of campus life, field activities, and classroom problems. For the present students in the School of Forestry, I hope the 1953 IDAHO FORESTER will serve as a yearbook, and thus each student will always possess a book of these memories to look back upon. For the alumni, it is hoped that this book will help them recall their stay in college, inform them of the present activities of the school, and provide them with the addresses of their classmates.

The determination and splendid cooperation of the staff and student body, the timely advice given by the faculty, and the continued support of the alumni have been blended together in an attempt to fulfill these aims. The staff of the IDAHO FORESTER contributed a large share of their time and effort; however, the task would probably have been too great without the ever-helpful office secretaries and wives of several of the students.

I sincerely hope that we have succeeded in publishing a book acceptable to all and that our ideas, as well as our mistakes, will result in a better IDAHO FORESTER in the future.

—*Editor*



In recognition of seventeen years of unselfish devotion to his many students and to the Idaho School of Forestry, which through his leadership and administrative policies has achieved status as one of the outstanding schools in the nation, we dedicate this 1953 *Idaho Forester* to our dean,

DWIGHT S. JEFFERS

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School Activities

—Photo by Nisbet



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FROM THE DEAN'S DESK



ITEM I:

Dr. Shattuck, you will recall, was the first head of Forestry at Idaho. His class record book for the year 1909 is still in our files. The first page of that class book is given over to the names of the students in Forestry I. I think some of you may know and be interested in the names of the 11 boys in that first class (1909), in order, as Dr. Shattuck entered them in the book: Arlie Decker, '13; Henry Herman, '13; Vestal Hackett; Stewart Denning; F. C. Kendall; V. T. McCurry; Jas. Thornton; H. A. Wadsworth, '11 L. A. Fenn, '11; Fritz Lundstrom, '11.

ITEM II:

On August 8, 1935, when I visited the campus for the first time, the School of Forestry was housed on the third and fourth floors of Morrill Hall, and used in addition, the "Wood Utilization Lab." and the "Forestry Lab." The two laboratories are now the "Radioisotopes Lab." and the "Industrial Arts Building," respectively.

ITEM III:

In the *Idaho Forester* for 1936, under the heading, "Our New Faculty Members," are the names of Dr. E. R. Martell, Dr. John Ehrlich and R. J. Becraft, all of whom joined the forestry faculty with me in September, 1935. Dr. E. C. Jahn and Prof. A. M. Sowder were already well established faculty members. Our group then totaled six. The 1953 issue of the *Idaho Forester* will carry the names of seventeen, comprising the total staff of the school, the Experiment Station, and the

Clarke-McNary Nursery—not quite trebling the 1935 number.

Why have I noted the three items above, no one of which is connected with the other two? For these reasons: (1) Partly as a brief estimate of growth during my tenure, since this is the last time I shall write an article for the *Idaho Forester* as Dean; (2) and perhaps I'm wondering what the figures will be, say in 1970,—the size of the faculty, the buildings then housing the College of Forestry; will the students then enrolled be sons of the fellows now in School; or the year 2000—what will the record of the intervening forty-seven years show?

Many other changes have taken place. The growth of and the activity on the Experimental Forest of 7200 acres, affords opportunity for speculation as to what that area may mean to the College, the University and the State of Idaho within the next quarter of a century. The Idaho Cooperative Wildlife Research Unit, is just over five years of age. The problems of fish and wildlife in Idaho which need attention are more than the eight to ten graduate students can possibly handle. The staff in fish and wildlife carry on a heavy program of research along with teaching the new wildlife and fishery options. If expansion is the goal, it means larger appropriations.

The Clarke-McNary Nursery also has grown. To the two frame buildings and one stone shed, which we had fifteen years ago, have been added three fine new buildings, including a manager's dwelling and a temperature-humidity controlled storage and packing building, the latter capable of handling a million seedlings in storage.

The full support of the University administration and the excellent staff of men in research and teaching are necessary to the success of any program—and without such support no man can carry out a plan. Right here, may I express my very great debt to the superb support given me over the years.

Truly, it has been an interesting and fascinating job the past eighteen academic years. I feel that I know the over 800

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THE FACULTY

By JOE HELLE

As Dean of the School of Forestry, Dean Jeffers administers the school and teaches Forestry Lectures to the Freshmen. Director of the Forest, Wildlife and Range Experiment Station is another job of our Dean. Although a busy man, Dean Jeffers always seems to find time to give individual attention and advice to his "young foresters" when they are in need. This is the last year Dean Jeffers will serve at the helm of the School of Forestry, as he is retiring in June.

FOREST MANAGEMENT

Through Silvics, Silviculture, and Forest Management the student comes to know Dr. Deters. Dr. Deters has his sabbatical year coming up soon and is busy planning and making arrangements for it. "Big Doc" is administering the logging and timber salvage operations on the University Experimental Forest around Moscow Mountain during the field season. With the management program of the forest well underway, plans are being made to develop its research and demonstration potentials. Doc passed out cigars last July to honor the occasion of a new son who, as Doc puts it, "is now well rooted and developing a fine bark."

As Professor of Forestry, Ernest Wohletz instructs Forest Economics, Policy and Administration, and graduate courses in Economics. Research is uppermost in Ernie's mind, and as Associate Director of the Forest Wildlife and Range Experiment Station, the research of the entire school keeps him busy. Professor Wohletz is also working on wood preservation and chemical debarking of fence posts and pulp-size trees. During the field season we find "Ernie" making a short but impressive stay at summer camp and during the rest of the summer he is evaluating research projects and analyzing the field techniques on all Experiment Station projects.

RANGE MANAGEMENT

Dr. Tisdale is kept busy during the school year with teaching Elements of Range Management, Range Management Planning, and Vegetation Influences. He



WOHLETZ, ELLIS, DETERS, SEALE

is now writing up five papers on past and current research. He also advises three graduate students and in his spare time he advises his juniors and seniors in Range Management. The Range Department is now carrying on six projects in range research. All of them dealing with prominent range problems occurring in Idaho. On the personal side of Doc we find that he is an ardent lover of the outdoors and he and his family take back-pack trips into the inaccessible areas of Idaho. Right now he is practicing "Vegetation Influences" while landscaping his side-hill lot.

Working closely with Dr. Tisdale is Lee Sharp. Lee teaches Range Methods and Techniques, and Range Plants. Along with teaching during the school year, Lee is kept busy analyzing and writing up data obtained during the summer field season. A medusa-head rye study and a range condition evaluation study on southern Idaho range lands are two projects which Mr. Sharp is working on at the present time. Working on these projects and assisting on halogeton and sagebrush-grass studies keeps Lee down on the southern Idaho range lands most of the summer, with a short stopover at Summer Camp for the Range part of the Field Ecology course.

WILDLIFE MANAGEMENT

Dr. Dalke, as Wildlife Research Unit Leader, carries out a variety of responsibilities for the government and as Professor of Wildlife Management he instructs graduate students in that field. Much of Dr. Dalke's time is also taken up with the research on the ecology and management

of the Blue Grouse in the Northern Rocky Mountain region. Last year Dr. Dalke attended the North American Wildlife Conference in Miami, Florida, and during his visit to the Everglades National Park he was welcomed to the area, as he stepped off the bus, by a large Florida rattler whose poor head he nearly stepped on.

Dr. Hungerford is responsible for the Wildlife Management option and teaches the Wildlife Management courses. He is also Assistant Leader of the Wildlife Research Unit and helps advise the graduate students who are working on different projects concerned with wildlife problems of the state. The Sophomores will meet Ken at summer camp when he takes over the wildlife part of the field ecology course—including a “wild goose” or rather a wild goat chase up and over the mountains. Dr. Hungerford keeps himself busy in his free time by being active in different clubs and scouting activities. At the present time Ken is trying his hand at magazine article writing.

Professor Thomas Burleigh, our bird man, is concerned mainly with bird research in Idaho. He is making a study of the detailed distribution of birds of Idaho, county by county. Up to this time there has been very little work done on the birds of Idaho and to this date there is no book or reference material on the Idaho birds. In his study Professor Burleigh is also building up a study collection of the Idaho birds showing the difference of a species in age, sex, and seasonal aspects. He is also supplying mounts and other material for Washington, D. C. When Professor Burleigh brings a bird back from the field every conceivable use is made of



HUNGERFORD, DALKE, PRATT AND BURLEIGH

it. Lice are collected for specific studies, the bodies are used by the Zoology Department in studies of body parasites, and stomachs are used in stomach analysis. The ultimate goal of Professor Burleigh is to obtain enough data for a reference book on the birds of Idaho.

FISHERY MANAGEMENT

Professor Virgil Pratt handles the Fishery Management Option and teaches fishery courses to the Fishery Management students. At the present time Mr. Pratt is advising two graduate students in fisheries. Last summer Mr. Pratt carried on a study on steelhead trout at Lewiston and also assisted in a limnological study of Lake Pend Oreille. He has completed his doctoral dissertation on “Populations, Ecology, and Management of Southern Michigan Trout Streams” and expects his degree in June. This summer’s activities will include a continuation of the steelhead trout study, assistance in summer camp work, and certain additions to the Wildlife Unit’s fish collections.

WOOD UTILIZATION

The Chemical Phase of Wood Utilization is under Professor Everett Ellis, who is teaching Utilization Technology, Wood Technology and Tree Identification. Mr. Ellis is working toward a Ph.D. from the University of Washington, his thesis and research being on the “Spectro-Chemical Analysis of Grand Fir.” The ultimate aim of the Utilization option is to strengthen and enlarge research in wood utilization. This summer Mr. Ellis will spend most of his time on the research connected with his thesis.

As director of Summer Camp, Professor



SHARP AND TISDALE

Robert Seale will become quite well known to the Sophomores by the end of next summer. If you Sophomores are a little leery of summer camp, you will find that Bob will see to it that there is never a dull moment except maybe when you're working on a mensuration report at 11 o'clock at night. Mr. Seale handles the Mechanical phase of Wood Utilization and also teaches several management courses. His big job is teaching, but he also gives advice to the research staff on matters of statistical analysis.

FOREST, WILDLIFE, AND RANGE EXPERIMENT STATION

While most of the staff are included in the Experiment Station personnel, the men actually listed in this division are those working primarily with research problems throughout the year.

Although Dr. Ernest Hubert teaches Wood Products Pathology and graduate pathology courses, the bulk of his time is spent as Research Pathologist working with several projects. He is project leader for research on Pole Blight of Western White Pine and also conducts laboratory and field work on the use of radio-isotopes in the study of Pole Blight being carried on under a contract with the Atomic Energy Commission. Dr. Hubert also keeps tab on various types of tree diseases developing in different areas in Idaho.

As Research Soils Specialist, Dr. William Ferrell is also working on the Pole Blight project. The use of the radio-isotopes in both healthy and diseased trees enables him to study tree physiology and compare the diseased with the healthy. Most of last summer was spent at Deception Creek, injecting radio-isotopes into



BURLISON AND PITKIN

the trees and analyzing the injected specimens. Dr. Ferrell is also working on the effects of fire on the soil in connection with the slash disposal project.

Dave Olson is up to his neck in logging slash. As Research Silviculturist, he is devoting all his time to the special research project on slash disposal. Right now Dave is trying to get numerical ratings for some of the factors involved—including rate of fire spread and volume of slash per M ft. b.m.—that may be incorporated in a slash meter to aid in determining fire danger ratings. Maybe some day each of us will carry Dave's little gadget in his pocket to work out the slash problems easily and quickly, and as Dave said, "allowing us more time for fishing."

To you B.R.C. boys, you may be enlightened to know that there is some work connected with blister rust control other than grubbing out Ribes. Mr. Albert Slipp has been obtaining data on canker development since inoculations of the fungus were made in the years 1938 through 1942. Of a total of 477 branches that became infected, 65 were still alive in 1952. Mr. Slipp spends most of the field season out in the forest checking his inoculated trees. He is now in the process of preparing several short papers on the data obtained to date.

Fred Johnson recently obtained his master's degree and is now employed as Radio-isotope Technician. Fred is working with the Pole Blight project and will spend most of the coming field season working in the various infected areas.

Continued on page . . . 43



SLIPP, HUBERT, FERRELL, OLSON, JOHNSON

GRADUATE STUDENTS

By HUGO RIECKEN

JOSEPH V. BASILE, from Bayonne, New Jersey, who received his B.S. in Range Management in 1952, returned to the University of Idaho this fall to continue his studies. Joe's thesis problem is concerned with white-tailed deer winter food and cover requirements in cut-over timber lands of Northern Idaho. He plans to receive his M.S. degree in Wildlife Management in 1955.

EDWIN B. CASWELL is doing research for his thesis on the life history and ecology of the blue grouse in the Northern Rocky Mountains. Ed came to the U. of I. in the fall of 1950 after receiving his B.S. degree in Wildlife Management from the University of Massachusetts. Ed's work was interrupted after one semester, when he was recalled into the service for a year. He will complete the research for his M.S. degree in Wildlife Management in 1953.

MINORU HIRONAKA received his B.S. degree at Utah State Agricultural College, in Range Management, in 1952. Min's research project at the University of Idaho deals with the ecology and control of goatweed (*Hypericum perforatum*) in Idaho. Before entering the University of Idaho in 1952, Min spent one summer doing field research in the McCall, Idaho, area. He plans on receiving his M.S. degree in Range Management in June of 1954.

CHARLES S. HODGES, JR., comes from Sandersville, Ga. He has completed all undergraduate requirements and will receive his B.S. degree in Forest Management in June, 1953. Before coming to the U. of I. in 1952, Chuck attended Baldwin College for his freshman and sophomore years, and also spent a year at the University of Georgia. Chuck is assisting in research on pole blight in Northern Idaho. For his thesis he will study root rot of western white pine.

ROYAL G. HOLL received his B.S. degree in Grazing from Colorado A. and M. College in 1952. His work in Range Management at the U. of I. is concerned with the ecology and control of halogeton. He has done field research near Burley, Idaho.

BERT R. McCONNELL will finish his research in 1954 on the production of mule deer on the Cassia Division of the Minidoka National Forest in Southern Idaho and will receive his M.S. degree in Wildlife Management. Bert is from Eugene, Oregon, and attended Oregon State College where he received his B.S. degree in Fish and Game Management.

DUANE B. PYRAH is from Cary, Idaho, and received his B.S. degree in Range Management at the University of Idaho in 1951. He will receive his M.S. degree in Wildlife Management with research and a thesis on the sage grouse in Southern Idaho.

RAYMOND G. STROSS comes from St. Charles, Missouri. He was awarded a B.S. degree in Agriculture with a major in Wildlife Management at the University of Missouri. Ray's research involves a limnological study of Lake Pend Oreille with special consideration of the kokanee or blueback salmon. He will receive his M.S. degree in Fishery Management on completion of his work in 1954.

JOHN D. SULLIVAN comes from Milwaukee, Wisconsin. He received his B.S. degree in Wood Utilization at the U. of I. in 1952. John spent two years at the U. of Wisconsin before coming to Idaho. John's research project is on slash disposal of white pine in Northern Idaho. He expects to receive his M.S. degree in June, 1954.

CHARLES R. WITT has been working on his project since February, 1952. His project is concerned with the age, growth, and factors effecting migration habits of steelhead trout. Chuck hopes to finish his thesis and receive his M.S. degree in Fishery Management in 1954. He received his B.S. degree in Forest Management in 1950 and has since been employed by the Idaho Fish and Game Department from which he is now on an educational leave of absence.

ROBERT T. VAN KLEECK is now making Moscow, Idaho, his home. Van received his B.S. degree in Range Management at the U. of I. in 1952. Tentatively, his graduate work in this field deals with the economics of reseeding sagebrush lands of Southern Idaho. After receiving his M.S. degree in 1954, Van plans on getting a few years of experience and then starting work on his Ph.D. degree.

1 9 5 3

Idaho Supreme



DALE R. ANDRUS
Idaho Falls, Idaho
Range Management

Red is a member of the Associated Foresters and has served as president of Willis Sweet and as co-chairman of the 1951 Homecoming activities. He has had experience with the Forest Service in the Selway; the Idaho state Fish and Game Dept.; the B. L. M., and as a salesman for Mission Orange. His hobbies include horses, guns and women.

Ambition—a cattle empire in the Northwest.

DARALD A. ANDREWS
Shelley, Idaho
Forest Management

Andy's activities include the Associated Foresters, of which he is senior class representative, and the Moscow Wildlife Association. He has worked as a relief lookout man and has been on the pole blight survey crew. In his spare time he plays golf and goes hunting and fishing.

Ambition—to work for a living.



ROGER R. BAY
LaCrosse, Wisconsin
Forest Management

Before coming to the U. of I., Roger spent his freshman year at LaCrosse State College. He is now vice prexy of the Associated Foresters and editor of the Idaho Forester. His other activities are the ski club, LSA, and Xi Sigma Pi. His summer work includes road survey, bark beetle survey, and smoke jumping.

Ambition—Advanced degree in forestry.

BRYCE L. BECK
Marland, Oklahoma
Range Management

Bryce attended Northern Oklahoma Junior College before coming to the U. of I., where he is a member of the Associated Foresters. Photography takes up much of his spare time. His summer experience includes farm and ranch work.

Ambition—an advanced degree and wildlife or range management.





HOWBERT W. BONNETT
 Sacramento, California
 Forest Management

"Hobby" is a transfer from Sacramento Junior College. His activities are ski club, Scabbard and Blade, Associated Foresters, and Idaho Forester. He has served as president of the Association of Western Forestry Clubs and editor of the Idaho Forester. His summer experience includes fire control, smoke jumper, and cruising. His ambition is to use his forestry training after military service.

HOWARD CHADWICK
 South Lincoln, Mass.
 Range Management

Howard has been an active member of the ski club, ROTC rifle team, Vandal Riders, Xi Sigma Pi, and Associated Foresters, in which he is secretary. Among his hobbies are skiing, horses, hunting and fishing. Included in his summer experience are lookout and trail maintenance in the Salmon National Forest, work on an Alberta wheat ranch, and smoke jumper. Ambition — work in range management.



DAVID L. CHRISTENSEN
 Nebraska
 Forest Management

Dave is a member of the Associated Foresters and Phi Delta Theta fraternity.

BRUCE COOPER
 Alliance, Nebraska
 Forest Management

Before coming to Idaho, Bruce attended the University of Nebraska. His activities here include the Associated Foresters, the Idaho Forester and Scabbard and Blade, of which he is now treasurer. Bruce can usually be found up a creek in his spare time. His summer experience includes fishing, marking and cruising, fire suppression, and mineral survey. After graduation, he will serve in the army.



JAMES EDLFSEN
 Boise, Idaho
 Range Management

Jim came to Idaho after one year at Boise Junior College. He is a member of LDS, Scabbard and Blade, Associated Foresters and Xi Sigma Pi. Summer experience includes construction and timber cruising. His hobbies are music and sports.

Ambition—graduate work and research in wildlife management.

KENNETH M. ESTES
 Cheyenne, Wyoming
 Forest Management

Ken was junior class representative of the Associated Foresters and has worked on the Idaho Forester staff. His summer work has been on the U. of I. pole blight project, bark beetle survey, and trail crew in Alaska. His hobbies are fishing, hunting and photography.

Ambition — work in forest management and silviculture.





CARMON R. ESTHEIMER
Kennan, Wisconsin
Forest Management

Dutch is an active member of the Associated Foresters. During the summer he has worked for the Hines Lumber Company doing general woods work. Hunting is one of his many pastime activities. Dutch plans to go into tree farming or industry after graduation.

WILLIAM FLEMMING
Victoria, B. C.
Forest Management



HARVEY GISSEL
Payette, Idaho
Forest Management

Harvey is a transfer from Idaho State College. While there he was president of the Idaho State Foresters. His summer experience has been fire control on the Challis National Forest. His hobbies are golfing, hunting, and fishing.

Ambition—to get out of school.

WILLIAM W. GLEAVES
Corvallis, Oregon
Forest Management

Bill transferred here from the Polytechnic Institute of Puerto Rico. He is active in the Associated Foresters, Xi Sigma Pi, Arnold Air Society, AF Rifle team, and Alpha Phi Omega. He has had experience in blister rust control, landscape gardening, and the U. of I. pole blight project. He likes to hunt and study birds in his spare time.

Ambition—an advanced degree, then work in timber development in South and Central America.



CHARLES HODGES
Sandersville, Georgia
Forest Management

Before coming to Moscow, Chuck attended Baldwin College and the University of Georgia. He is a member of the Associated Foresters. Hunting, fishing, and billiards occupy most of his free time. Chuck's summer experience consists of work as a lineman, smoke chaser, and on the U. of I. pole blight project. He is now working for an advanced degree and would like to work for the Division of Pathology.

E. DEL MAR JAQUISH
Sangen, California
Forest Management

Del attended Reedly College before coming to Idaho. He is a member of the Associated Foresters and Wesley Foundation of which he is president. His experience has been on suppression crew, smokejumper, fire guard, and district dispatcher. Del's hobbies are singing and hunting.

Ambition—work in federal service, either with the F.S. or B.L.M.





RAYMOND L. JOHNSEN
Oak Park, Illinois
Forest Management

Ray spent two years at the University of Illinois before coming to Idaho. He is a member of the Associated Foresters and has been on the varsity boxing squad for two years. He worked on blister rust and as a smokejumper. His hobby is boxing.

Ambition—to become a professional forester.

DONALD S. LARSON
Cusick, Washington
Forest Management

Don is a member of the Associated Foresters.



JAMES C. LYNCH
Wauwatosa, Wisconsin
Forest Management

Jim attended the University of Wisconsin and Marquette University before coming to Idaho. He is an active member of the Associated Foresters. Jim likes to hunt and fish and work on guns. He has worked for the Forest Service as packer, trail crew foreman, and on slash disposal. His future is undecided as yet.

WILLIAM E. MARR
Montpelier, Vermont
Forest Management

Bill came to Idaho from the University of Vermont. During his three years here, he has been an active member of the Associated Foresters, Idaho Forester, Vandal Ski Club, S.A.E. fraternity, and chairman of the Association of Western Forestry Clubs conclave. His hobbies are skiing, hunting, fishing, and boating. His summer experience consists of timber marking and sale inspection, and insect survey. After graduation Bill will embark on a scenic tour around the world with the Navy.



RICHARD E. McCARTHY
Little Falls, New York
Forest Management

In addition to the U. of I., Dick attended St. Mary's College and Paul Smith's College, Forestry School. He is a member of the Associated Foresters. Dick's summer experience includes N.Y.S. Conservation Dept., Draper Pulp and Paper, Potlatch Forests, and Sacramento Box Co. His hobbies are skiing, hunting, fishing, and golf.

Ambition—to be employed by industry.

THOMAS F. MCGILL
Priest River, Idaho
Forest Management

This year Tom is president of the Associated Foresters and last year he was business manager for the Idaho Forester. His experience includes blister rust, logging, and sawmill work. His hobby is hunting.

Ambition—timber management.





WALTER P. NAAB
Milwaukee, Wisconsin
Forest Management

Walt is a member of the Associated Foresters and is serving as circulation manager of the Idaho Forester. Summer experience includes plantation survival study for the Wisconsin Conservation Dept., trail crew, and dispatcher on the Payette National Forest. Walt's hobbies are hunting and fishing.

WILLIAM P. NAGLE
Ontario, California
Forest Management

Bill transferred to Idaho after spending a year and a half at Chaffey College. His activities include the Associated Foresters and Xi Sigma Pi. Bill's summer jobs have been in blister rust, fire control, and timber management. He likes to work with machinery in his spare time.

Ambition—timber management.



RICHARD J. PFILE
Milwaukee, Wisconsin
Forest Management

During his four years at the University, Dick has been an active member of the Associated Foresters. He has worked for the Forest Service and Bureau of Entomology during the summer. He will decide on his future occupation after he gets out of the service.

HENRY B. SCHERMERHORN
Ausable Chasm, New York
Forest Management

Before coming to the U. of I., Henry attended Keesville Central School in New York. Henry's summer work was with the Forest Service and on a bark beetle survey. He especially states that he has no ambition except work toward an advanced degree.



WILLIAM R. SCHRECK
New Haven, Connecticut
Forest Management

Bill is active in the Associated Foresters and Xi Sigma Pi, in which he served as associate forester. He has worked for the Forest Service on trail crew and lookout, and for Weyerhaeuser on woods work. His hobbies are fishing and hunting. His goal is a useful career in forestry.

DAVID W. SCOTT
LaCrosse, Wisconsin
Forest Management

Scotty comes to the Gem State from LaCrosse Teachers College. His activities include the Associated Foresters, advertising manager for the Idaho Forester, and LSA. Among his summer occupations are bug survey, blister rust, fire control, and timber appraisal for the State Tax Commission. Scotty's future career has not been decided.





ELMER L. SKJEIE
Ione, Washington
Forest Management

Elmer is a member of the Associated Foresters and Xi Sigma Pi, for which he has served as secretary-fiscal agent. Elmer's hobby is skiing. His ambition is to be a forester in the silvicultural field.

MERLIN F. SMITH
Troy, Idaho
Forest Management

Merlin has worked during the summer on a trail crew, lookout, and fire guard. He plans on an advanced degree, followed by an occupation dealing with forest products.



ERNEST P. SNYDER
Cairo, New York
Fishery Management

Ernie is a member of the Associated Foresters and the American Fisheries Society. Among his hobbies are hunting, fishing, and trapping. During the summer, he has worked for Scott's Greenhouses in Moscow, and as a hatchery helper for the Idaho Fish and Game Dept. Ernie will get an advanced degree then work for the Fish and Wildlife Service and continue his life-long search for something definite.

LOUIS R. SPINK
Nampa, Idaho
Range Management

Lou is a member of the Associated Foresters. He has worked on blister rust, fire control, and brush piling. His hobby is skiing.

Ambition — to become a land manager.



MITCHELL STEFFENSEN
Sunland, California
Wood Utilization

Mitch transferred to Idaho in 1950 from John Muir College in California. He has been an active member of the Associated Foresters and Xi Sigma Pi, in which he has held the office of ranger. His summer experience includes shingle mill, blister rust (gyppo), smokechaser, and logging truck driver. His hobby is keeping his car running.

Ambition — maybe an advanced degree and then forestry work.

PETER F. STICKNEY
Long Beach, California
Forest Management

Before entering the University, Pete attended Long Beach City College. Among his activities are Xi Sigma Pi, Associated Foresters, and Scabbard and Blade. Summer experience has been with the Forest Service, nursery, and farm work. After graduation he plans to work toward an advanced degree.





ROGER TAYNTON
Falls Church, Virginia
Forest Management

Shag attended American University, Washington, D. C., and Fullerton J.C. in California before coming to Idaho. He belongs to the Moscow Wildlife Association and the Associated Foresters. His experience includes blister rust, carpentry, and smokejumping. His hobbies are fishing, photography, and sports. After a few years he plans to work for an advanced degree.

ROLAND K. TIEDEMANN
Staten Island, New York
Forest Management

Dutch came from Wagner College and entered into the activities of the Associated Foresters, Vandal Ski Club, and Newman Club. During the summer he has worked as a warehouseman, on a bark beetle survey, and in Alaska on cruising and mapping. He likes to ski and skate in the winter and fish and swim in the summer.

Ambition—Forestry work in the West or Alaska.



DELMAR D. VAIL
Pocatello, Idaho
Range Management

Del attended Idaho State College before coming to Idaho. While on the campus, he has belonged to the Associated Foresters. He has served as chairman for the 1952 Forester's Ball and the 1953 Forestry Week. Del likes to hunt and fish in his leisure time. His summer employment includes carpentry, lookout, smokechaser, and range survey. After fulfilling his military obligations, this sheepherder plans to work for the B.L.M.

ALFRED W. WALKER
Pocatello, Idaho
Forest Management

Al is a transfer from Idaho State College, where he was president of their Forestry Club. He is a member of the Associated Foresters and Xi Sigma Pi. Summer experience was lookout, T.S.I. work, and headquarters guard. Al's hobby is hunting. (Hunting animals!).

Ambition—work in some phase of land management.



GUY S. WALKER
Twin Falls, Idaho
Range Management

Guy is a member of the Associated Foresters. His experience has been on a lookout, checking station, and guard station. His hobbies are fishing and photography.

Ambition—an advanced degree and then a job.

EDWARD I. WIGGINS
Midvale, Idaho
Range Management

Ed has been an active member of the Associated Foresters. His spare-time activities are fishing and hunting. The last two summers, Ed has worked on a bark beetle survey and for the University on Halogeton research. His future job will be in range management.





C. DAL WOOD
Ben Avon, Pennsylvania
Wood Utilization

Dal is a member of Eagle and Anchor, IK's, Scabbard and Blade, Xi Sigma Pi, and Navy Drill Team. His summers were spent with Pottlatch Forests as a cat driver, and in Alaska surveying. After a hitch in the Marines, Dal plans to get a degree in civil engineering and work in the forestry-engineering field.

LARRY R. YOUNG
Pocatello, Idaho
Range Management

Larry transferred from Idaho State in 1951. He is a member of the Associated Foresters and Phi Sigma Kappa. His summer work has been with the S.C.S., Forest Service, B.L.M., and the State Forest Service. He likes to hunt in his spare time. He plans on getting an advanced degree and then work for the government.



SELECTS



Row 1: T. Tagawa, D. Goddard, L. Smith, R. McAlister, J. Helle, T. Lindstrom, D. Almas.

Row 2: R. Baldwin, L. Johnson, H. Riecken, G. Hollett, V. Plymale, A. Curtis, J. Harberd, R. Klason.

Row 3: W. T. Brookwell, C. Ohs, S. Jepsen.

Row 4: J. Keating, H. Westergard, H. Stolaas, R. Myers.

COMMONS



Row 1: B. Lenz, B. Carlman, R. Hoioos, D. Shealor, B. Speedy, R. Hauff, J. Speth.
 Row 2: A. Lewis, D. Elicker, J. Olson, W. Wallace, V. Strobel, G. Rogers, D. Aurnhammer.
 Row 3: P. Clason, R. Emmons, M. Newell, S. Knapp, R. Finn, E. Farmer.
 Row 4: J. Meschko, L. Elfering, K. Culley, W. Charke.

UTILITY



Row 1: D. Newman, T. Simpson, H. Lavender, R. Andrews, R. Coleman, D. Omans, W. Pearson, Q. Stoda.
 Row 2: S. Stroup, L. Miller, W. Petrick, F. Tweedy, D. Harrison, A. Greichus, L. Stark, B. McCause.
 Row 3: G. Torrey, D. Dube, R. Pieper, A. Coombes, W. Buckley, J. Lentz, P. Preston, F. Varseveld.
 Row 4: T. Thorhaug, G. Day, D. Shealor, D. Hauff, A. Froerer, J. Light, A. Larson.
 Row 5: R. Olson, J. Pritchett, E. Light, J. Taubman, R. Speedy, W. Rigg.

ASSOCIATED FORESTERS

By TOM MCGILL

The activities of the Associated Foresters for 1952-1953 were inaugurated by a membership drive in the registration line, and by brief talks at the Dean's orientation lecture for the freshmen.

The first club function was the annual Barbecue and Field Day held this year on October 11, at the Meadow Creek area of the school forest. The feed was just right, the weather was good, and the Seniors almost pulled a stump out of the ground winning the tug-of-war. Age and experience told the tale, however, and the Seniors remained dry against all comers. Art Andraitis, Rupe Andrews, and Ken Estes were rated best all 'round foresters in the bucking, pacing, pole climbing, tobacco spitting, chopping, and birling contests. A new event was tried this year—felling trees (posts) with an axe. This contest was more work to arrange, but it added enough interest to the competition to justify the added work. We could call this a "beaver contest," for that's what it looked like. Bill Nagle and his crew did a fine job of organizing this year's Barbecue.

The monthly meetings were the outstanding events between the fall Barbecue and the Foresters' Ball in the spring. We were very fortunate in getting guest speakers from different fields of forestry as features of the various meetings. As guests we had Mr. Lieurance, from the Portland office of the BLM, who spoke on problems of range management; Mr. Ritzheimer, logging boss for the Potlatch Forests' Bovill operations, who spoke on logging road construction; Mr. Jack O'Connor, gun editor of Outdoor Life Magazine, who showed films taken on some of his trophy hunting trips; and Mr. McLaughlin, Mr. Payne, and Mr. Wellner of the USFS, who talked about jobs with the Service. We have seen some excellent films, especially the one called "Idaho On the March." At least that was the name on the can, but the film turned out to be a classical on instructions for football players.

The annual Foresters' Ball received a lot of good publicity—or maybe it was notoriety—from Dave Scott and his Moscow Mountain Philharmonic Society at the Bucket before the dance and the boys also entertained during the intermission. The *dance* music was furnished by the "Birdie Mundy Quartet," a nice, lively combination from Spokane. Mrs. Bill Wallace entertained at intermission with a novelty number and about five encores. A big Thanks to Dave Parsons and all his helpers for a very successful dance.

Forestry Week this year, under the very able direction of Del Vail, included the annual visits to high schools, the AWFC Conclave, the Banquet, and a joint meeting of the AWFC and the Inland Empire Section of The Society of American Foresters. Idaho, as host school this year, was privileged to have these meetings here.

The club is looking forward to next year when some of the ideas brought up at the AWFC Conclave can be tried out. We have already tried a project we borrowed from Utah. At Christmas time this year, the club voted to start something which is intended to become an annual event. We distributed Christmas trees to various charitable organizations in and around Moscow.

Officers for the Associated Foresters for the past year were: Tom McGill, president; Roger Bay, vice president; Howie Chadwick, secretary; Bob Oehmcke, treasurer; and Swede Johnson, ranger.

Class representatives were: Seniors, Darald Andrews and Dave Scott; Juniors, Denny Goddard and Dave Parsons; Sophomores, Bill Wallace and Marvin Newell; Freshmen, Hal Lavender and Tom Simpson.

The success of any organization depends upon the men working under the various committees. Although all the names can not be included, they know their work was greatly appreciated by the club.

THE ASSOCIATION OF WESTERN FORESTRY CLUBS CONCLAVE

By HOWBERT BONNETT AND BILL MARR

Originally organized in 1938, the Association of Western Forestry Clubs was re-organized last year (1952) at Logan, Utah, by the Utah Foresters. At the Logan meeting Idaho's representatives—Dave Fellin, Ken Knoerr and Frank Beitia—along with representatives from five other Western Forestry Schools, drew up a constitution, discussed the problems of the different clubs, and selected Idaho as the host for the 1953 Conclave.

As host school for the Conclave, Idaho selected the officers of the Association: Howbert Bonnett, President; Don MacManamon, Vice President; Frank Beitia, Secretary-Treasurer; and Don Balsler, Conservation Officer. One of their many jobs was to put out the first copy of the Association's Quarterly publication, "*Slabs and Edgings*."

Back at school again things started off with a bang with the date of the Conclave being set for April 23-25. Oregon State College became the seventh school to join the A.W.F.C., followed by Colorado A. & M. College. Bill Marr took over as general chairman for the Conclave. Before the cars full of delegates started arriving, the Association's officers put out two more issues of "*Slabs and Edgings*."

When the timber beasts, sheepherders and pellet pickers started rolling in from up and down the coast, they checked their calks and power saws in the Student Union Building, tossed their bed rolls in Pine Hall and started to work. Thursday morning the delegates registered, saw the campus, and were welcomed by President Buchanan, Dean Jeffers, and Tom McGill.

Thursday afternoon a delegate from each school gave a talk on his club's activities. These talks were illustrated by colored slides and movies. Pictures, dance programs, and copies of the different school publications were on display in the lobby. Thursday evening, at the annual banquet of the Associated Foresters, the delegates heard an excellent talk by Mr. David T. Mason.

Friday the boys got down to business. First there was a general business meeting which broke up into four committee meetings for the rest of the morning. After lunch the committees, constitutional, conservation week, club activities, and publications, gave their reports to another general meeting. After this the delegates relaxed their brains and exercised their muscles for a while in a Paul Bunyan contest on the Ad building lawn. Friday evening found everyone in Pullman, where the Washington State College Forestry Club was host at a dance with dates and everything else furnished.

Saturday morning the A.W.F.C. held a joint meeting with the Inland Empire Section of the Society of American Foresters. The S.A.F. furnished a speaker, whose subject was taken up later in a panel discussion by the A.W.F.C. delegates. After lunch the final general meeting was held, the host school chosen for 1954, and the conclave was officially closed.

A few of the many Idaho students who put in long hours of work on the Conclave are: Bob Nisbet, Dave Parsons and Bob McAlister, Publicity; Mitch Steffensen, and Charlie Ohs, Paul Bunyan Contest; Del Jaquish, Registration; Ray Johnson, Campus Tour; and Ken Estes, Housing.

XI SIGMA PI

By DON BALSER

Xi Sigma Pi, national forestry honor fraternity, was founded at the University of Washington in 1908. Epsilon chapter, established at the University of Idaho in 1920, was the fifth of 17 active chapters located throughout the nation.

The objectives of Xi Sigma Pi are three-fold: First, to secure and maintain high scholastic standards in forestry education; second, to work for the upbuilding of the profession of forestry; and third, to

promote fraternal relations among earnest workers engaged in forestry activities.

Commendations are due the 1952-53 officers for their part in carrying on the activities of Xi Sigma Pi. They are as follows: William Gleaves, Forester; William Schreck, Associate Forester; Elmer Skjeie, Secretary-Fiscal Agent; and Mitch Steffensen, Ranger.

The initiation of aspiring foresters into the fraternity is one of the highlighted activities each fall and spring. Pledges may be seen faithfully toting tools of their profession around the campus for a week preceding initiation, and woe to the initiate who loses his burden of a peavey or pole saw. It seems as though there are always conspirators planning the theft or disappearance of these tokens while the pledges are napping.

New members are selected from the Junior and Senior class on the basis of scholarship, personality, character, and

future promise in accordance with the standards of membership.

The Fall steak fry followed by initiation was held at the Flat Creek cabin in the University Experimental Forest on October 30, 1952. The following neophytes prepared the feast for the hungry members: Art Andraitis, Don Balsler, Pete Stickney, and Alfred Walker. The doomed were prepared for the impending execution in the usual manner, by allowing them to fill their bellies one last time. Unfortunately, there was a short circuit in the power lines before death ensued so they are still with us.

Each year, Xi Sigma Pi selects the outstanding scholar from each class and inscribes his name on a plaque in the Forestry Building. Other activities of Xi Sigma Pi include the erection of a Christmas tree in front of the Forestry Building and constructive discussions on various phases of professional training.

STEAK FRY!

By DAVE PARSONS

The morning of October 11th dawned cool and bright; all was still and peaceful at the Big Meadow Creek picnic area. Little would one suspect that this serenity would be transformed into bustling, busy activity which would fill the air with odors of steak, baked beans and coffee, flying chips and sawdust, splattered mud and tobacco juice, all liberally sprinkled with well-chosen expletives.

Shortly past noon the first cars arrived, followed by steady traffic which lasted three-quarters of an hour. By this time everyone was eagerly anticipating the first big event of the day—the big feed. This was the only event that everyone entered and came out ahead. The competition was keen and dangerous; the sun glinted from flashing knives and forks, but only minor casualties were reported.

After everyone had sat around and recovered slightly from the enormous stuffing of steaks and baked beans, the sawing contest began. The mighty foresters

paired off in teams and attacked the huge cedar log with a crosscut saw that Professor Ernie Wohletz said was actually supposed to be sharp. A wide range of times were recorded as the various teams cut, sweat, chewed, cursed, and pulled their way through.

The next event was the log-chopping contest. Here all of the forester's axman-



ship comes into play. He not only must know how far apart to space his initial cuts, but he must also determine the best angle of stroke to eliminate the possibility of the ax glancing off and decapitating the fellow who is steadying the log for him. Ah yes, the wind blew and the chips flew and finally the chopping contest was over.

For a while it appeared that there must have been a Campfire Girls' picnic down the road, but a little later it was made known that all of the guys taking off across the field were, in reality, in the pacing contest, and not on the prow for women, after all.



About this time the rest of the he-men were making like squirrels (or maybe like monkeys), scampering up and down the pole in the climbing contest. It is the rule here, too, that what goes up must come down, but some of the fellows took it too literally and came straight down. A few, though, thought this law was quite invalid, since they claimed it was impossible to descend. They were up in the air over the whole matter.

A new event was introduced this year—the felling contest. The “trees” were posts firmly set in the ground. In order to save on time and labor, the best axman from

each class was chosen for this contest. The boys did quite well; any on-looking beavers would have been favorably impressed.

The tug-of-war came next. Everyone is eligible, in fact compelled, to join in and give a yo-heave-ho with his class in this quaint type of slaughter. This is the only event in which everyone but the seniors get drenched, half-drowned, exhausted, and trampled in the mud. It seems to be traditional for the seniors to win every year.

Quite conveniently scheduled is the birling contest, which comes at the end of the day after the tug-of-war. This is so that all the muddy ones will have a chance to be flipped from a twirling log into the icy waters and thus get rinsed off.

The last event of the day probably proved to be the undoing of most of the contestants. This was the tobacco-spitting contest. As usual, the tobacco was supplied free of charge; all that the individual had to supply was guts (in fact a few of the guys felt that they had guts in excess and tried to rid themselves of the surplus). By this time the sun had gone down and dusk helped conceal the target, but this difficulty did not discourage the determined expectorators. The advocates of the spray method finally edged out the volume-control boys by a slobber.

And so ended another typical Foresters' Steak Fry, where the food is good, the play wholesome, and the competition keen.



IDAHO STATE FORESTRY WEEK,

1953

By DELMAR VAIL

Governor Jordan proclaimed the week of April 19th to 25th as Idaho State Forestry Week. Because the timber resources of the State of Idaho play such a vital part in the economy of our every day life the value of these resources should be known to all citizens, especially to the youth. Forestry Week is one way in which they may be informed as to the methods of protecting and perpetuating this valuable crop.

In the near future, through the efforts of the A.W.F.C., we may see this school celebrating Forestry Week with other Forestry Schools in the adjoining states. The name, Western States Forestry Week, has already been suggested.

Forestry Week at the University has once again claimed the high standards set in previous years. The program this year is very much similar to that of last year with perhaps a little more emphasis placed on campus activity. There were displays in the School of Forestry, Administration Building, Student Union, and in the downtown business district of Moscow.

The week began with the program of contacting high school students, a project which last year met with such great success, that additional effort was used to expand and continue this program. The purpose of the project is to reach the young people, usually high school students, and to present to them the value and problems of Forestry. In exposing the youth to these concepts we will eventually have a conservation-minded public. We saw Forestry Week activities start out with a lot of enthusiasm as Forestry students journeyed on Monday and Tuesday to high schools in Northern Idaho to present their talks and films.

Dr. Deters and Jim Edlefsen squared off on the pitcher's mound, on Wednesday, to make the faculty-student baseball game a great success.

The annual Foresters' Banquet was held on Thursday evening, April 23rd, in the

main ballroom of the Student Union building. The date was set up to Thursday this year to accommodate the A.W.F.C. Conclave. This year's principal speaker was Mr. David T. Mason of the Mason, Bruce, and Gerard Consulting Foresters of Portland, Oregon. The annual awards were made to the winners of the Youth Project, and to the outstanding senior in the School of Forestry. A special feature of the banquet was a program honoring Dean Jeffers, since he is retiring at the end of this school year. Members from the Alumni group, University administration, Forestry School faculty, and Forestry School student body presented short talks in tribute to the Dean for his outstanding achievements in the field of Forestry. A plaque was presented by the Forestry Alumni to the University in honor of the Dean and is to be housed in the Forestry building.

A large crowd gathered on the lawn of the Administration Building, Friday afternoon, to see competitors show their feats of skill. Those competing were Washington State College Foresters, A.W.F.C. Conclave members, and University of Idaho Foresters. Four-man teams were entered from each school. The events in the contest were bucking (one- and two-man teams), pacing, chopping, fire-wood splitting, and tobacco-juice spitting. Power saw demonstrations, one- and two-man, were put on by W.S.C. and the U. of I. A prize was given to the school with the most points. The Foresters' Band provided music while Charley Ohs did a fine job as master of ceremonies.

Forestry Week was intensively publicized on the campus as well as state-wide. Releases were sent to all the papers in the state and the Inland Empire. Contacts on the national level were also made. Radio programs and numerous spot announcements were sent to every radio station in Idaho. *The Idaho Argonaut*, the student's newspaper, assisted the publicity program by printing one edition on green paper as well as publicizing many articles. KUOI, the University radio station, assisted by making spot announcements to the students.

This year saw the climax of the Youth

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FORESTER'S BALL

By HARRY BRIZEE



The night of February 28th witnessed the return of Paul Bunyan to the campus for the 36th annual Foresters' Ball. Paul had been craving to hold a big shindig all year, so he gathered together some of his fellow loggers from the north woods and planned an invasion of the campus. While Paul and the boys were making preparations for the big affair, Dave Scott and his Forester band came down out of the deep, dark forest to advertise the dance to all the students. The band, which consisted of Dave Scott, Howie Chadwick, Jim Edlefsen, Swede Johnson, Ken Estes, Del Vail, Art Andratis, Joe Helle, Don Shealor, and Cal Combes, traveled around the campus playing select numbers from their large repertoire of folk songs. They ended their journey around the campus in the bucket, where they gave away a free ticket to the big affair and acted out the story of the "Frozen Logger."

Dave Parsons was chosen by Paul to ramrod the affair. Dave was very ably assisted by Swede Johnson and Bob Nisbet, in charge of decorations; Bob Oehmcke and Dewey Almas, heads of publicity; Don McManamon on procurement; Hugo Riecken on tickets; Don Balsler, orchestra; and Del Vail, programs. Paul's crew went all out and got the Birdie Mundy quartet from up Spokane way to furnish the boys with some rip-roaring music. During intermission vocalist Mickie (Mrs. Bill) Wallace and the Forester band furnished the guys and gals with some topnotch entertainment.

On the way down from the back woods

Paul picked up some shepherders, "wild-lifers," Isaac Waltons, and tree managers who brought their equipment down to their ball. The shepherders, in addition to their regular equipment, had a sign which read, "Old Shepherders Never Die, They Just Smell That Way." The fishermen brought their different kinds of nets, while the boys who manage the wild animals displayed their firearms, traps, and snowshoes. The lumberjacks turned modern and displayed chain saws, plus various kinds of axes and scaling sticks. The remainder of the decorations consisted of different kinds of evergreens "planted" around the walls which made the boys feel as much at home here as in their own forest primeval.

The dress for the dance was the customary Levis and calico. Paul himself had a completely new outfit for the big affair. During the latter part of the evening, Paul, looking for a little excitement, took an escorted stroll around the campus. His disappearance caused quite a bit of



excitement. The rest of the crew were afraid he might have been a victim of a stray "widow maker," but he turned up at the Idaho Club in time to make it back to camp with the rest of the gang.

Paul's special guests were Dean and Mrs. D. S. Jeffers, Dr. and Mrs. Tisdale, Dr. and Mrs. Deters, Prof. and Mrs. Wohletz, Prof. and Mrs. Ellis, and Prof. and Mrs. Seale, who seemed to enjoy the dance as much as the youngsters did. Charlie Ohs, Dewey Almas, Sa-ard Boonkird, and Bob Baldwin came along with Paul to keep order by checking coats, hats, knives, rifles, cant-hooks, calk boots, and other "weapons."



After the ball was over, Paul's crew headed back into the woods for another year of hard work with fond memories of a great dance, looking forward with great expectations to next year's Foresters' Ball.

FORESTERETTES

By ALICE MESCHKO

Entering their second year, the Foresterettes reached a membership of 35 girls, all wives of Forestry students. There were many new faces in the group, as quite a few students have married since last June.

A highlight of last spring was the Easter pot-luck dinner held at the Christian Institute with about 45 attending. After the Forestry fellows pushed themselves away from those groaning tables, they agreed that their wives were pretty good cooks.

Winding up activities for the year was the family picnic at Robinson Lake, which was in honor of the graduating seniors. Main feature of the day was a pie-eating

contest. The winner of the close race was Don Balsler, who consumed an entire chocolate meringue pie before a cheering throng. There was also a men's baseball game, with some of the wives joining in.

At the first meeting of this year, held September 25, officers elected were: Jane Balsler, President; Mickie Wallace, Vice President; Dixie Kizer, Secretary; Shirley Vail, Treasurer; Ruth Jepsen, Gift Chairman; and Alice Meschko, Historian.

The annual Halloween masquerade was held at the Methodist Church this year. Taking the prizes for costumes were Ruth Jepsen as "Aunt Jemima," Daphne Andrews, in the most original costume, and Chuck Hodges for the best men's costume. Square dancing kept everyone on their toes. Bobbing for apples gave the men their Saturday night shampoo, and we laughed long and loud at Andy Andrews and Larry Young, who ducked at the same time. Neither trusted the other under water long enough to get their apples. After repeated dunkings and when half the tub of water was splashed out, both Andy and Larry had their apples. While all the fellows shook themselves like wet puppies, Del Jaquish "made with the mop" like a true deck-hand.

In December, the girls enjoyed a tour of the new Home Ec building with Miss Margaret Ritchie, Home Ec Head. We did some world traveling in January and February from frosty Alaska halfway around the world to tropical Liberia via colored slides. Scenes of Alaska were shown by Yvonne Greichus, who spent seven years in Alaska with hubby Al. At our February meeting in the Student Union, we viewed Kodachromes of Liberia shown by Lucille Myers, who with husband Bob, spent four years in the tropics on a rubber plantation.

Second semester officers are: President, Lucille Myers; Vice President, Shirley Vail; Secretary, Barbara Hodges; Treasurer, Ruth Jepsen; Gift Chairman, Yvonne Greichus; and Historian, Alice Meschko.

We're looking forward to lots more good times before this year slips away.

Again we salute our adviser, Mrs. D. S. Jeffers, whose enthusiasm, energy, and friendly spirit have guided us in all our endeavors.

VISITING ALUMNI

By TOM SIMPSON

It has often been said that some of our fondest memories are those of our childhood and those of our school days. How often do we run across the friends of our youth? How often are we able to visit our home town, our old school, or our old stomping grounds? For most of us it's seldom, if ever. And yet all of us, at one time or another, think back to the days of our college life, and while pleasant memories linger in our minds, vow that on the next vacation or perhaps the next business trip, we'll drop in to Moscow and pay a visit to the old school. But what with one thing and another, the best laid plans of most of us certainly do go astray. We must be content with memories. A few, however, have made the pilgrimage and it is news of their visits which has made this column possible.

On June 9 (which was commencement day), Palmer J. Nermo, class of '38, with his wife and son Perry, visited with Dean Jeffers. Palmer, who is a cattle rancher near Upham, North Dakota, was at the time on a three-week vacation.

Marshall Spencer, '43, also returned for a brief visit. He is now with the Forest Service at Missoula, Montana.

On September 17, Courtenay E. Stevens, '38, who is now U. S. Immigration Inspector at Blaine, Washington, paid a call. A little later on the same day Gordon Josylyn, '49, who was on his way home from a conference in Oregon, paid his respects.

A double pleasure was experienced when on November 1, Paul Esterbrook, '42, and Bob Rowen, '48, dropped in for a "hello." They are on adjoining Ranger Districts of the Boise National Forest.

Howard Heiner, '51, now a pilot with the Air Force, visited on the 3rd of November. He is scheduled for two months training at Las Vegas, Nevada, and then shipment to Korea. Best of luck, Howard.

Other recent visitors whose work has brought them in and through Moscow frequently are Lonnie Williams, '50, Farm Forester at St. Maries; Bill Scribner, '50, Forester with the State Tax Commission;

Earl Ritzheimer, '39, Potlatch Forests logging superintendent at Bovill; and Roger Guernsey, '47, State Forester of Idaho.

Well, that's it, fellas. Sorry it's rather short, but then we'd liked to have had a larger list of visitors. Perhaps you'll make it this year on your vacation, or maybe that business trip will take you close by. Drop in. You'll enjoy the visit.

SUMMER CAMP OF 1952

By ROBERT McALISTER

The Forestry Summer Camp got off to its traditional soggy start on June 13. Most of the 29 members were fairly well beaten down by finals and the last parties before we left school, but we pitched in, and under the direction of Professor Seale, the camp director, we got things organized, the camp partly set up, and moved in. We had four new members to meet. Howard Westergard from Idaho State, Bob Dudley from Idaho, Stan Jepson, an old member of the Idaho student body, and Joe Helle, a transfer from North Dakota State. Helle soon proved his worth as a lover by disappearing from view every night after chow; finally we got wise.

The first night in camp Art "Polar Bear" Andraitus and "Shivers" Smith braved the icy waters of Payette Lakes for the honor of being the first to go swimming. After dark, there was a general exodus to town and we let the various vending establishments know that the Foresters were back in town. Finally we



dragged back to camp, all eager for the first day of Summer Camp. The main event was walking to Promotory Point and getting acquainted with the peninsula where we were to spend so many happy hours slapping mosquitos, chopping brush, and plotting against the whites.

The next little item was breaking the beaver dam which flooded the road to the peninsula. Ward "Never Gets His Feet Wet" Brookwell was the star of this episode. Breaking the dam entailed clearing out hundreds of feet of earth works put in by flat-tailed rodents. Finally, much to the disgust of the rodents, we got the road clear for the truck.

Then came two weeks of surveying and running profile levels all across the countryside. We made topog maps and figured latitudes and departures for all the roads in the area. The most fun, though, was running centerlines for the timber cruise we were to make later on.



The first four members of Sigma Omega Delta (the society of the wrong declination) appeared at this time. Paul Mathews, Dave Parsons, Harry Brizee, and Mac McAlister were those sterling students who took off through the brush a mere 21 degrees off the correct course.

Next on the agenda was mensuration. Professor Ernie Wohletz lectured to us for hours on end about scaling, biltmore sticks, and per cent of cruise. Following these lucid lectures, we took our first field trip

out toward Donnelly to scale logs and gather material for our first report on logs and how they are put together. "Sleepy-head" Klason was rudely awakened from the sack by Professor Seale beating the gong over his head one morning; after that there were no late arrivals in class.



It was during mensuration that we learned the logger's art of scaling timber. Then we trotted through the woods estimating diameters and heights to eight-inch tops for what seemed like an eternity. One evening one of the cruising parties reported that there were GIRLS in the Girl Scout Camp. After that report some of the crews on the east side of the peninsula slowed down a bit.

Thank Heaven, mensuration, like all good things, finally came to an end. The final was pretty rough but we made it through and then back to town for a more enjoyable course in the drowning of sorrows or the expression of glee.

After mensuration, surely as winter follows autumn, came Forest and Range Communities. All this time there had been a demon lying in wait for us—the step point system. One bright spot in the period, when knowledge was being jolted into us from the bottom up, so to speak, was the two-day trip to Boise Basin. We stopped at several ranger stations and listened while they tried to pour knowledge into us. That night, camped up in the woods above Idaho City, a few of the boys walked the nine miles to town to buy a cake, while the rest of us sat around the camp fire and learned what we could from Professor Seale about risqu'e songs from the Marines.

The next day we drove across part of the South Idaho Desert around Arrow-rock Dam; all very interesting country. We were all amazed that people actually lived there. We escaped and after a few stops finally made it back to McCall, somewhat the worse for wear, but with everybody feeling very happy.

One last important event remains, the day when Forestry students grow flippers and swim the creek. This was lots of fun. Everyone had a different idea about how to get across and get the least wet, Al Curtis, especially. He was handicapped, of course, by some of the fellows throwing rocks at him! Everyone got across and back with only minor wounds.

The best was yet to come: logging and milling. We spent hours traveling across the country taking notes on how many tires logging trucks have, the serial numbers of their engines and things. Seriously, though, we learned a lot even in the limited time we had to observe the various operations. We visited three sawmills, and a gang mill at Cascade, which was very interesting due to the fact that

lodgepole pine was being sawed into boards. We saw many varied logging operations on the South Fork of the Salmon and visited MacGregor's job south of Indian Valley.

Then, finally, the fateful day, August 7, was upon us. The last test taken, the last meal eaten, we struck camp and immediately began scattering to destinations all over the country.

We were all glad it was over but we will certainly remember the good times . . . The girls back of Tent 11 . . . Beach Parties . . . Girl Scout . . . The Stadium . . . The Forester's . . . Buster . . . Walking back to camp . . . Swimming from the raft . . . The 4th of July . . . Mistaken identity . . . Dunking in the lake . . . Tests . . . Field trips . . . Burning the midnight oil . . . Dean Jeffers sleeping in class . . . Camp work . . . The eternal bell . . . The birling of logs at the Halleck and Howard mill . . . Mom's cooking . . . Sack lunches . . . Reports . . . Slipping the grip to McArdle . . . One day of fire control in the rain . . . It's all part of Summer Camp.

Forestry Week

Continued from page . . . 27

Project, "Your Forests and You," a contest for Boy Scouts, 4-H and F.F.A. members. It was believed by this year's Forestry Week committee that a new contest should be introduced next year in order to gain more participants.

The success of Forestry Week was greatly aided by various organizations connected with conservation in Idaho. Some provided films to be used in the high school programs while others helped by giving talks and setting up displays before local groups. A few of these organizations are: The United States Forest Service, Idaho State Department of Forestry, the State Fire Wardens, the Timber Protective Associations, and numerous private

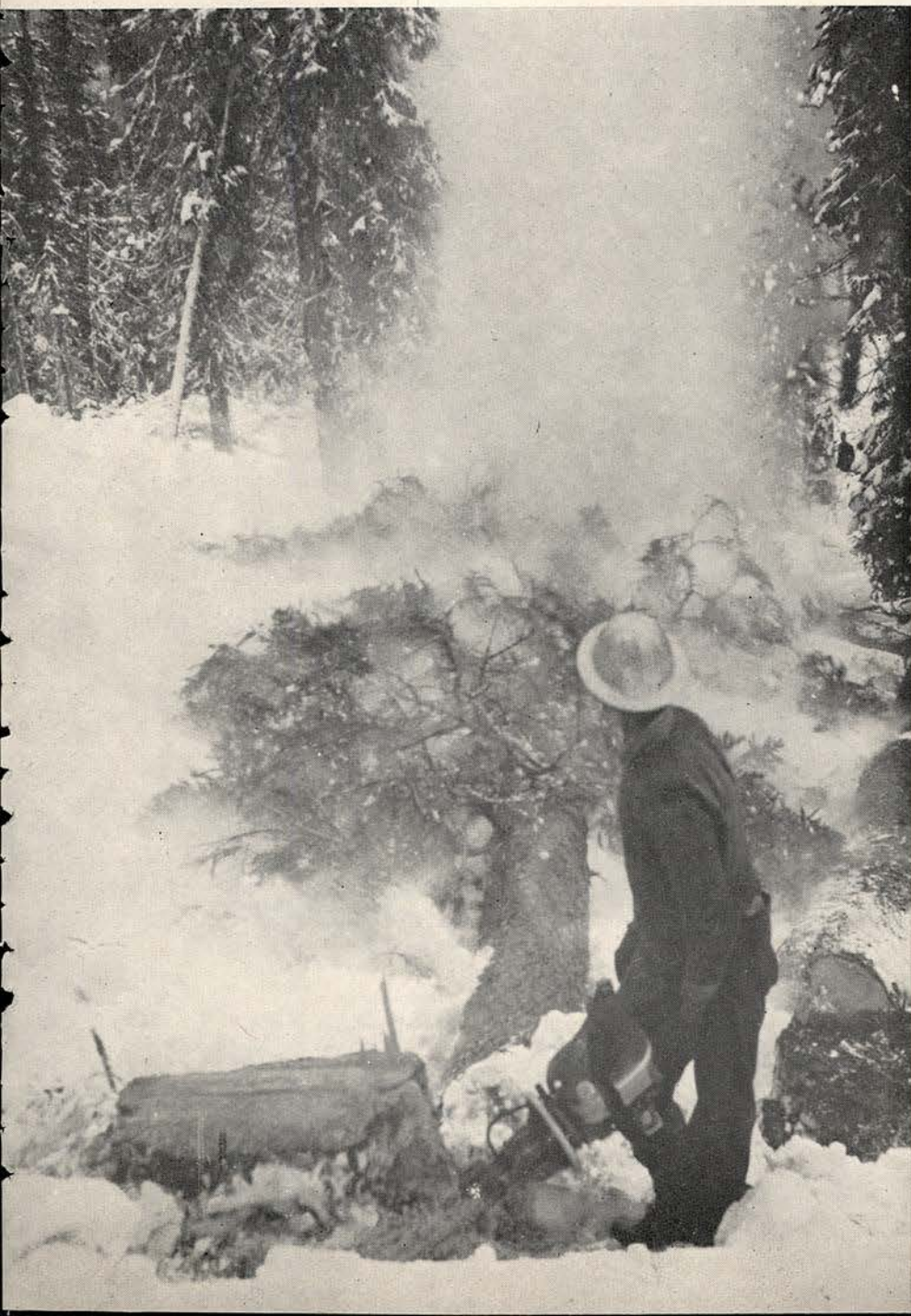
forest industries.

Although Forestry Week is designed to inform the people of the value of their forest, range, and wildlife resources, an even greater value was realized by the Forestry students who participated in this program. By their participation they gained valuable experience in presenting Forestry to the public.

The success of Forestry Week would not have been possible without the co-operation of Mitch Steffensen, high school contact program; Lawrence Johnson, banquet; Lawrence Smith, youth project; Art Andraitis and Frank Beitia, publicity; Joe Helle, campus activities; and Jim Edlefsen, faculty-student baseball game. Deep appreciation is extended to these men and to others too numerous to mention individually.

Feature Articles

—Photo by Bay



THE YEAR OF THE ENGELMANN SPRUCE BEETLE IN IDAHO

JAMES C. EVENDEN, *Entomologist*
United States Department of Agriculture
Agricultural Research Administration
Bureau of Entomology and Plant Quarantine

Coeur d'Alene, Idaho

It was not business as usual in the forestry and lumbering circles of Idaho and Montana during the 1952 season. This departure from normal practice was caused by a small reddish brown beetle, known as the Engelmann spruce beetle (*Dendroctonus engelmanni* Hopk.), that overcame the handicap of its size by its numbers. Myriads of these insects attacked and killed hundreds of thousands of spruce trees. It was a season of hastily adjusted and increased logging operations, of extra work shifts at sawmills, of huge log piles and storage yards filled with spruce lumber, of hurriedly formed and executed survey programs, and of private industry and federal agencies joining in planning a greater action program for 1953. This topsy-turvy summer was the result of an "ill wind that blows no good," at least to forest-managing agencies.

In late November, 1949, a severe wind-storm caused extensive damage to the forests of Idaho and Montana. This damage varied from the blowdown of almost all trees in large areas to the blowdown of small groups of individual trees of all species scattered throughout northern Idaho and northwestern Montana. To meet the demands of this emergency foresters and timber operators turned their attention to the salvaging of down timber. Timber sales were quickly processed, emergency roads rapidly constructed, and logs from windthrown trees were soon moving from the woods.

Promptness in meeting the blowdown problem was essential. Not only would the estimated one-half billion board feet of uprooted trees soon become unusable, and become a serious fire hazard, but the down trees would contribute to the build-



1590—

—Bureau of Entomology and Plant Quarantine

The rapid logging of Engelmann spruce timber infested by the Engelmann spruce beetle during the summer of 1952 created log-storage problems at many points throughout the northern Rocky Mountains. Limited water-storage facilities at most sawmills were soon jammed, thus necessitating the decking on land of many millions of board feet of logs from beetle-killed trees. View of a portion of the log-dump operations at the J. Neils Lumber Company, Libby, Montana.

ing of epidemic bark beetle populations. Bark beetles prefer windthrown trees as their hosts, as they do not offer the same resistance to attack that standing trees do. One or more beetles can make successful attacks in windfalls, but large numbers are required to overcome the resistance of standing trees. As broods of beetles developing in windfalls are less subject to destruction by natural forces of control than those in standing trees, nearly maximum numbers of adult beetles emerge from this breeding material.

During the logging seasons of 1950 and 1951 more than 150 million board feet of windthrown trees of all species were logged. This was a noteworthy accomplishment by the logging industry. Of a necessity the salvage of this material was limited to the larger areas of blowdown, as there was insufficient time to remove the thousands of small groups and single windthrown trees that were in rather inaccessible areas. It is believed that the existing spruce beetle outbreak started in the spruce trees that were part of the latter type of material. During the 1950 season these trees absorbed the attacks of the normal spruce beetle population that was present in all stands of mature spruce. Timber losses from normal populations of this beetle are not excessive. Normal populations usually occur in areas where woodpeckers and various predacious and parasitic insects operate effectively. This balanced condition was upset by the large broods of beetles that developed from the 1950 attacks. These beetles emerged in 1951 and most of them reattacked either the uninfested portion of the same windfall or an adjacent one, and additional large broods of beetles followed. When this greatly stepped-up population emerged in 1952, there was little windfall material available that was still favorable for attack. The beetles then attacked standing trees, and the spruce beetle outbreak of 1952 was on its way.

When the severity of this infestation was fully realized, a region-wide action program by private, State, and Federal agencies was soon underway. The first move was to obtain information as to the location and severity of the infestation. Foresters from all agencies were trained at special schools to make detection sur-



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Twin spruce trees simultaneously attacked by the Engelmann spruce beetle near Libby, Montana, in 1952. The beetle seemingly directed its attacks during this first year of the outbreak to the larger trees in the stand.

veys. It was soon found that the outbreak was confined to the Kaniksu, St. Joe, Flathead, Kootenai, Cabinet, and Lolo National Forests. To establish the severity of the infestation on these six forests, a program of reconnaissance surveys was immediately started. To assist in planning timber sales, appraisal surveys were made of areas where forest supervisors considered logging to be feasible in 1953.

In 1952, industry turned its efforts, wherever possible, to the logging of infested spruce, and by the end of the season more than 61 million board feet had been removed from the woods. Studies were started to determine the biology and attack habits of the beetles in the northern Rocky Mountain area. Private lumber and logging industry joined with Federal agencies in the organization of an Engelmann spruce beetle task force to compile all available information and prepare an action program for the 1953 and 1954 seasons.

An unusually late fall prolonged the 1952 field activities beyond expectation. By November nearly all spruce areas with-

in the region had been covered by detection surveys, more than 240,000 acres of spruce on the six heavily infested forests had been sampled with 363 miles of reconnaissance sample strip, and about 812,000 acres of infested spruce had been covered with 2.5 per cent appraisal surveys. These surveys showed that on these six forests about 800,000 valuable standing spruce trees, with a volume of 588 million board feet, had been killed. About half of the 12½ billion feet of Engelmann spruce within the region is within these six forests and is threatened by this destructive beetle population.

The future of this bark beetle epidemic cannot be predicted. It is true that in a few years natural forces of control will return the beetle population to a normal status. But until this reduction occurs there will be additional losses of timber. What these losses will be is a question. For planning purposes it has been assumed that without any control action the existing outbreak will increase in severity in 1953 and again in 1954. After that it is expected to decline. This prediction is drawn from the best information that is available, but it is an assumption only. In some areas the 1953 infestation is expected to decrease in its severity; in others there will be a marked increase in the number of trees killed. The situation is serious, and unless control action is taken before



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1576—

Typical mature Engelmann spruce stand on the Kootenai National Forest, Montana. Approximately 6% of the trees in this stand were killed by the Engelmann spruce beetle in 1952.

normal insect conditions are restored through natural means, the present loss of one-half billion board feet of valuable commercial spruce may be increased several times. Time will answer this prediction.

THE DEAN

Dean Dwight S. Jeffers was born in Deland, Illinois, May 21, 1883, before the coming of any active conservation movements in the United States. He married in 1914 and has two children, a boy and a girl. The son graduated from the University of Idaho in forestry while his father was Dean of the School.

Dean Jeffers began his college education when he enrolled at Illinois Wesleyan where he received his A.B. degree in 1906. He received his M.F. from Yale in 1911, and after a brief interruption in his professional work, he earned his Ph.D. degree in Forest Economy and Policy from Yale in 1934.

In 1911 Dean Jeffers reported to Laramie, Wyoming, to become Forest Assistant in the Medicine Bow National Forest. In 1913 he became Forest Examiner, and in 1914 he became deputy supervisor on the Arapaho National Forest. Then, in 1917, he was made supervisor of the Uncompahgre National Forest, a position which he held until 1922.

That year, 1922, saw Dean Jeffers begin his teaching career at Iowa State College. He remained at Iowa State until 1931, when he went to the University of Washington as Professor of Forest Management; then, in 1935, he came to the University of Idaho as Dean of the School

of Forestry.

The Dean is an active leader in many organizations, a few of which are: (1) Society of American Foresters, (2) North Idaho Forestry Association, (3) Western Forestry and Conservation Association, and (4) Northwest Scientific Association. He has membership in many honorary societies, including Sigma Xi, Alpha Zeta, Xi Sigma Pi, and Phi Kappa Phi, as well as being a leader in the Methodist Church, the Masons and Kiwanis Club, and a member of the Tau Kappa Epsilon fraternity.

Dean Jeffers has been very instrumental in making Idaho's School of Forestry what it is today. While just under 700 students have graduated in forestry since the school's beginning, 75% of these have received their degrees since he became Dean.

His administrative accomplishments have been many. He obtained a building for forestry independent of other departments, and strengthened the curricula to include Forest Management, Range Management, Utilization (Chemical), Utilization (Engineering), Wildlife Management, and Fisheries Management. He has also obtained a very effective Forest, Wildlife, and Range Experiment Station, which is now conducting 40 active research projects. He is responsible for the establish-

ment of the Cooperative Wildlife Unit at Idaho and for the establishment and building up of a permanent location for a summer camp at McCall, Idaho, which is attended by all forestry students. He has acquired and placed under management, for the school, a 7000-acre experimental forest on Moscow Mountain. The Forest Nursery has more than quadrupled its equipment, space, and production under his administration. Class and research laboratory space and equipment are now more than five times greater than when he started and the staff of the School of Forestry and the Experimental Station has more than doubled in number.

Besides all these accomplishments, Dean Jeffers has worked with and encouraged students to become acquainted with the liberal arts in addition to their technical studies. No doubt many students have been impatient with his attempts to expose them to the social sciences, but years later the same students have realized how much they were helped by these non-technical studies.

There can be no question that the School of Forestry at Idaho owes much to Dean Jeffers. In recognition of his long service and unselfish contributions to the school, the Board of Regents of the University, at a recent meeting, voted the rank of dean of forestry, emeritus, for him upon his retirement June 30, 1953.

THE CLARKE-McNARY NURSERY

By FRANK PITKIN, *Nursery Manager*

The history of the forestry nursery quite closely parallels the history of the School of Forestry at the University of Idaho. The present Forestry School evolved from the Department of Forestry established in the College of Letters and Sciences in September, 1909. In August, 1917, this department was made an independent school and, as such, has continued to grow, up through the years.

The forestry nursery first appeared in 1910 on the present site of the University's Shattuck Arboretum. One of the first lines of effort in the minds of those in charge at that time was to grow forest

and shade trees on an experimental basis in order that the species best suited for various purposes and for the various regions of the State might be known. Idaho has a great range in factors that are important in influencing tree survival and growth. For example, the altitude ranges from 700 feet at Lewiston to more than 12,000 feet on some of the higher mountains. In latitude, Idaho extends almost a third of the distance from the northern boundary to the southernmost tip of the United States.

Annual rainfall varies from 10 inches or less in the southwestern part to more than 60 inches in the higher areas in the north.

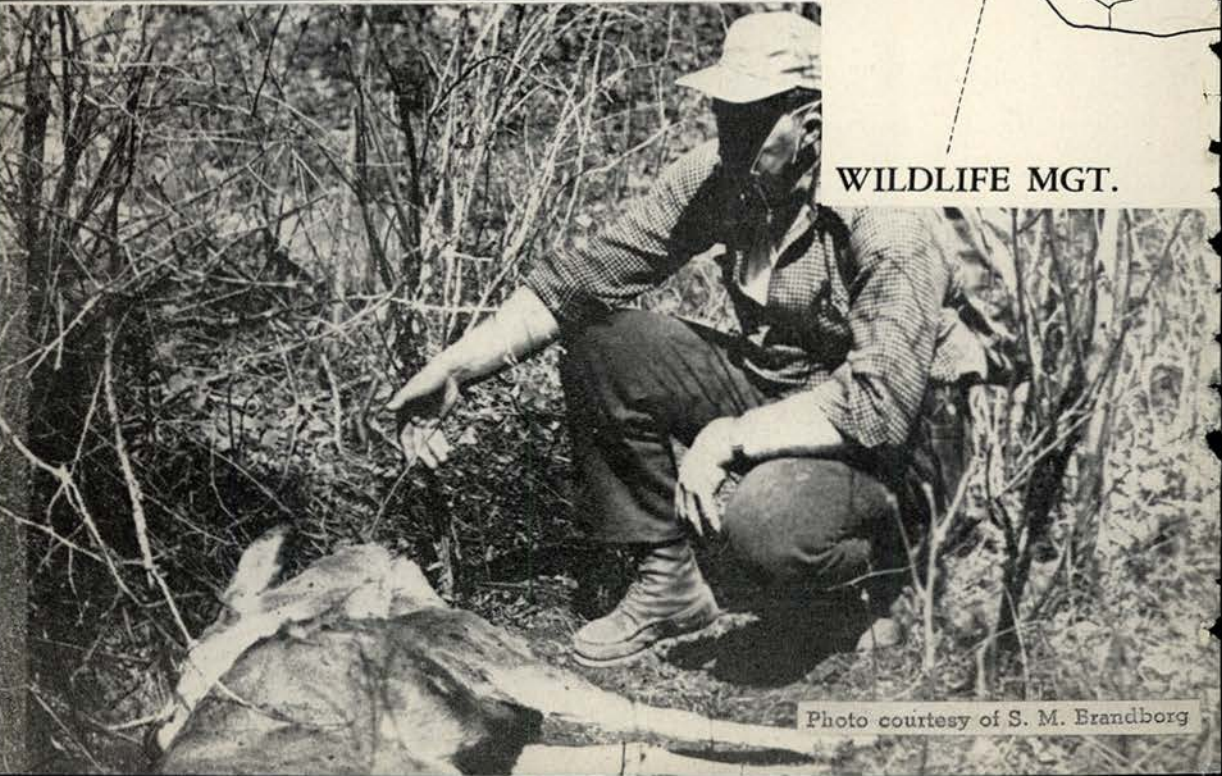
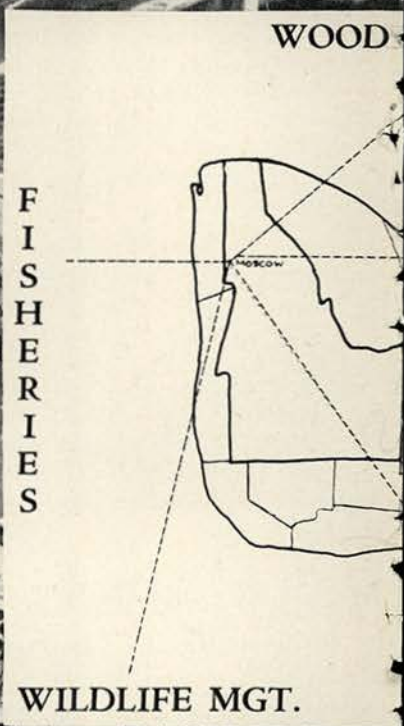
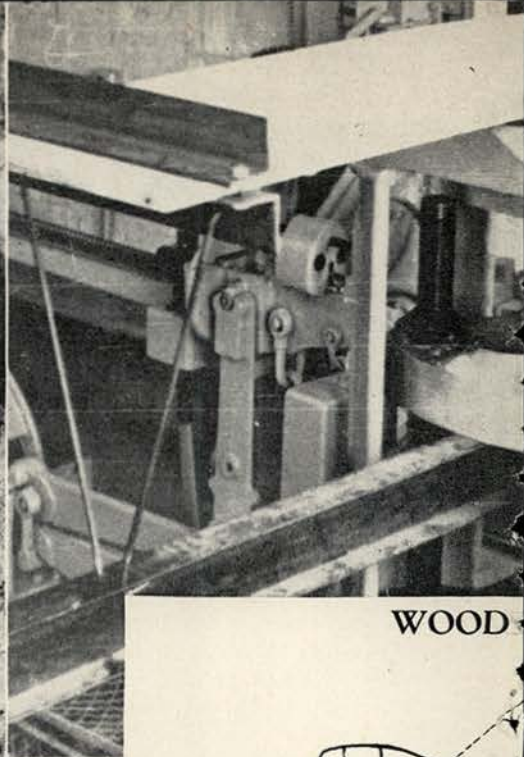


Photo courtesy of S. M. Brandborg



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These factors make tree-planting a big project, and there is no one set of recommendations that will fit all needs in all areas.

It was fortunate that one of the first private tree nurseries in the State was located in Moscow, for when the owner of this enterprise, Mr. F. E. Mix, decided to quit the nursery business in 1893 he left much of his stock in the ground. Even today a number of species are still growing in the original rows. From these early plantings in the Mix nursery much valuable information on the adaptability of various tree species was obtained.

By 1914 a bulletin had been prepared which stated the site recommendations for different species and also listed 28 different kinds of trees available to residents of Idaho from the University's Department of Forestry. Even though only a few thousand trees were sold the first few years of the program, the venture has been lasting and has resulted more recently in the annual distribution of several hundred thousand trees to private planters for reforestation, afforestation, windbreak and woodlot purposes.

In 1924 Congress passed and enacted a bill which put into immediate force Section 4 of the Clarke-McNary Law, which in effect reads as follows:

"The Secretary of Agriculture is hereby authorized and directed to cooperate with the various states in the procurement, production and distribution of forest tree seeds and plants, for the purposes of establishing forests, windbreaks, shelterbelts, and farm woodlots upon denuded or non-forested lands within each cooperating state. The amount

expended by the Federal Government shall not exceed that of the cooperating state in any fiscal year."

The Clarke-McNary Law is recognition by Congress of the need for forest-planting and of the desirability of joint state and federal effort to meet this need by the most practical means. The purposes of the law is to encourage tree-planting by giving state and federal assistance to private planters. This aid is provided in the form of lowered planting stock prices, which makes planting more attractive and financially possible. Idaho, at the present time, does not have sufficient state money to qualify for the total federal allotment available, but much progress has been made, especially in encouraging farm plantings. For larger plantings, such as afforestation or reforestation, the state has several alternatives; either by paying part of the cost directly as proposed by the Clarke-McNary Law, or by grants to private individuals with little or no interest



rate, or indirectly by tax remission.

The late Dean Miller, of Idaho's School of Forestry, signed an agreement in July, 1925, to cooperate under the Clarke-McNary program. By 1926 planting stock was distributed according to the terms of the program and resulted in a steady increase of tree planting in the state. Up to 1952 an estimated 8,177 acres of private land in Idaho had been planted with a total distribution of over 8 million trees. The combined years of 1951 and 1952 showed more than 1 million trees being distributed by the University. During the last five years the nursery has shipped planting stock to approximately 9 per cent of all the farms of the state, a majority of the orders going to southern counties.

The University of Idaho's present Clarke-McNary Nursery is located in the extreme southeastern corner of the campus. Its 22 acres of land are capable of producing 2 million trees annually. This nursery, under the guiding hand of Dean D. S. Jeffers, has made giant strides in modernizing for efficiency in the production of top-quality planting stock. In addition, its facilities serve as a valuable outdoor laboratory for the University forestry students' training program. The latest improvement was the construction of a cold-storage building with a capacity of over 1 million trees. This building makes it possible to dig planting stock in the fall and hold it throughout the winter under

carefully controlled conditions of temperature and humidity. It is now possible to ship high quality plants in a dormant state to all regions of Idaho and have them arrive at a suitable planting time. Orders that have been accepted during the winter and early spring are delivered by truck or express to the office of each county extension agent, where the purchasers may pick up their plants. By notifying purchasers in advance of delivery dates a minimum of time is involved from the time the stock leaves the nursery to the actual planting.

The Extension Forester has made demonstration plantings in almost every major community of the state to prove the values of the different types of tree plantings and to show the species and planting arrangements best suited for the purpose.

The Nursery, even though it has been in operation 42 years, is still only in its infancy considering the acreages yet to be planted. The State of Idaho has thousands of acres in dire need of forest tree planting: cut-over areas that are not restocking sufficiently in numbers or with the most desirable species; burned over areas; areas in which good silvicultural practice would be to clear cut, followed by planting; pulp wood plantings; and Christmas tree plantations. The next few years should see a sharp increase in forest tree planting. The Nursery facilities are now geared for the anticipated production.



In Memoriam



James W. Girard, Sr.

(Honorary Doctorate, '50)

Many men dream of attaining a high position of honor in their profession but few ever reach this goal. Jim Girard overcame the tremendous handicap of a lack of formal education to become one of the most highly respected and honored men in the forestry profession throughout the world.

His position as consulting forester with an internationally known firm was a long and hard road from the job of a shingle-bolt maker in Tennessee. Most of Jim's work was with the U. S. Forest Service, 1907 to 1945, with a year or two off every so often for private industry. Jim held many different positions with the Forest Service, from forest guard to assistant director of the Nation-wide Forest Survey, and while in the Service was called upon to perform many seemingly impossible tasks. He would finish these "impossible" jobs with such speed and accuracy that his exploits have become legendary throughout the forestry profession.

When Jim died at the age of 75, he had



Virgil H. Eastman

('31)

Virgil Eastman, like many men before and after him, chose the U. S. Forest Service as his professional career. He felt that in this capacity he could best put into practice the training he had acquired in college.

Starting from the bottom, "Stub," as he was known by his friends, soon proved to his superiors that he had the initiative and drive to qualify for more responsibility. Promotions came regularly until at last he became District Ranger of the Bigfork District on the Flathead National Forest. It was while fulfilling his duties of ranger that "Stub" met his death. While he was supervising the burning of slash from a timber sale area he was struck by a falling tree that to all indications was firm and safe. "Stub," who was 47 years old when the accident occurred, is survived by his wife and two daughters of Missoula, Montana.

"Stub" was not a man who had performed a great feat nor was he nationally known as an individual; however, he did

James W. Girard, Sr.

indeed succeeded in his wish of being able to accomplish something in forestry. Jim has left a record that will long be remembered by his fellow foresters.

He is survived by his wife, daughter Florence, and son James, Jr., who is a 1943 graduate of Idaho's School of Forestry.

Virgil H. Eastman

belong to that group of men who do the ground work in forestry and receive little recognition for the vital task they are performing, other than the satisfaction of a job well done. The forestry profession is respected because of men of "Stub's" character, and it is to these men that we owe so much.

Howard E. Staples

('20)

At the time of his death, Mr. Staples was district manager for the Idaho Employment Service at Payette, Idaho. His family could not be contacted for additional information.

The Faculty

Continued from page . . . 12

NURSERY AND EXTENSION

Frank Pitkin, our Nursery Manager, once again is busy getting out tree orders for different interests ranging from government agencies to individual farmers. Last year 1/2 million trees were sent out and a total of 480 acres of trees planted. Of this total, 463 acres were planted on farms in shelter belts and woodlots. The nursery has sent out a little over 8 million trees during its existence. Mr. Pitkin teaches Forest Planting, but most of his time is devoted to nursery work. Frank is always on the lookout for improved nursery methods, and is now working on germination tests and experimenting with high frequency current as a stimulus for germination.

The man whose job is farm forestry is our Extension Forester, Vernon Burlison. In his job, Vern is the middle man between the University and the county extension agents. His duties are concerned mainly with farm tree planting, farm wood preservation, woodland management and marketing, fire prevention, and youth projects. Through extensive travel throughout the state, Mr. Burlison sees many of the problems of land man-

agement and passes on to the research staff of the University likely problems which might merit investigation.

From the Deans Desk

Continued from page . . . 9

alumni, even many whom I have never met personally. I know you through your fine letters. Also there are the several hundred other boys who started but did not finish in forestry—all fine guys.

With just as much interest as ever, I'll follow your plans and successes, and I'll expect you—as many as can—to visit around my camp fire (sure, I will have a camp fire, some years) or my fire-place, and we'll talk, together, of the challenging years AHEAD.

Graduates of Thirty-five Years Ago

Several years ago there was initiated the policy of presenting the graduating class of thirty-five years ago. This year the class of 1918 would have been presented, however, there were no degrees awarded in forestry at the University of Idaho in 1918.

THE SONG OF THE FORESTER

A. H. LEWIS

This is the song of the Forester
As he starts in the morning grey
With a swinging stride up the mountain-side,
To meet the break of day.
And he sings a song as he swings along
Through the break of sumach red.
"Oh, a pack on my back,
My foot in the track,
And a blue sky overhead."

What matter if he be a lumber-jack,
If he be a college man;
God gave the woods to a brotherhood,
And not to a class or clan.
So he sings a song as he tramps along
With the words that his brother said—
"Oh, a pack on my back,
My foot in the track,
And a blue sky overhead."

There's many a man of the city stamp,
Who will barter honor for fame.
There is many a liar of like desire
Who will sell his soul for a name,
Yet, he calls me a fool
Of the wayward school
When I'm off by my fancy led,
With a pack on my back
My foot in the track,
And the blue sky overhead.

We are the ones who have chosen the wood
The ones who have turned to the land.
Men, only, may know our brotherhood,
And our creed may understand.
For the pack on our back is the burden of life,
The trail is the way we tread,
And the love of God for human kind
The blue sky overhead.

—*American Forests and Forest Life Magazine,*
Washington, D. C.

*Advertising and
Alumni Directory*

—U. of I. Photo





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OF FOREST WEALTH. OUR GOAL MUST BE
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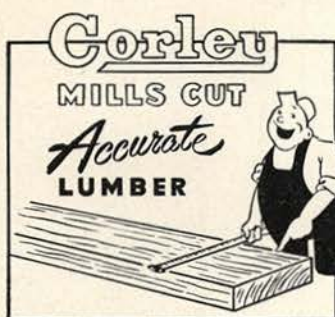
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WADSWORTH, HERBERT A. (Deceased).

Class of 1913

DECKER, ARLIE D., West 1011 26th Avenue, Spokane, Wash.

HERMAN, CHARLES H., 320 Hillhouse Avenue, Medford, Ore.

Class of 1914

FAVRE, CLARENCE E., Private Forestry, 295 Ardmore Drive, Reno, Nev.

Class of 1915

CARLSON, OSCAR F. (Deceased).

STEVENS, ARTHUR W.

Class of 1916

SCHOFIELD, WILLIAM R., Sec. Mgr. Calif. Forest Protective Assn., 681 Market Street, San Francisco, Calif.

Class of 1917

CUNNINGHAM, RUSSEL N., Div. of Forest Economics, Lake States Forest Exp. Sta., University Farm, St. Paul, Minn.

MALMSTEN, HARRY E., Asst. Chief Range Conserv. Div., S.C.S., Lincoln, Neb.

MOODY, VIRGIL C., Technical Asst., Coeur d'Alene Natl. Forest, Coeur d'Alene, Idaho.

RUCKWEED, FRED J.

YATES, DONALD H., Yates, Riley & McDonald, 302 Republic Bldg., Seattle, Wash.

YOUNG, HOMER S. (Deceased).

Class of 1919

JACKSON, TOM, President, Jennis Bay Logging Co., 635 Taylor Street, Vancouver, B. C.

RETTIG, EDWIN C., Asst. Gen. Mgr. Potlatch Forests, Inc., Lewiston, Idaho.

Class of 1920

BEDWELL, JESSE L., Div. of Forest Path., U.S.F.S., Box 4137, Portland, Ore.

STAPLES, HOWARD D. (Deceased).

Class of 1921

DRISSEN, JOHN P., Indian Service, Cheyenne Agency, South Dakota.

MUNSON, OSCAR C. (Deceased).

PATRIE, CORTHON R., Bldg. 34, Swan Island, Portland, Ore.

Class of 1922

BROWN, FRANK A., 1799 Homewood Drive, Altadena, Calif.

FARRELL, JAMES W., Portland, Ore.

MILLER, WILLIAM B., Assoc. Range Examiner (Ret.), Fish and Wildlife Service, Box 308, Silver City, N. M.

Class of 1923

DANIELS, ALBERT S., T. & NO. RR Wood Presv. Works Supt., 2633 Pemberton Drive, Houston, Texas.

GERRARD, PAUL H., U.S.F.S. Bldg., Russellville, Ark.

MELLIICK, HARVEY I., Nampa, Idaho.

NERO, EDWARD T., Burnt River Lbr. Co., Box 863, Baker, Ore.

Class of 1924

BAUMANN, HERMAN, Mgr. Fruit Growers Supply Co., Hiltz, Calif.

PARSONS, RUSSELL M., 406 Ninth Street, Coeur d'Alene, Idaho.

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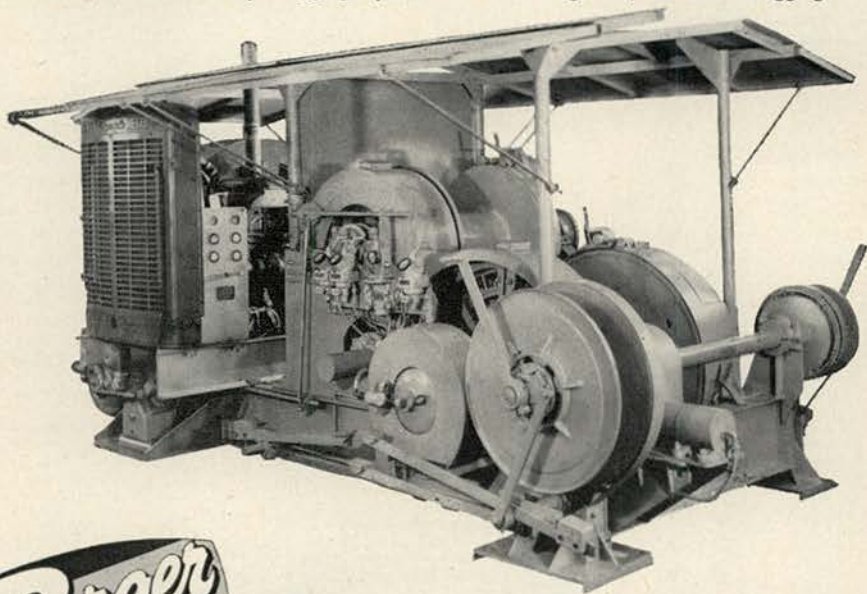
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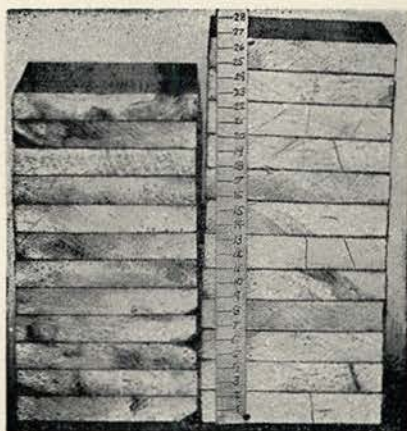
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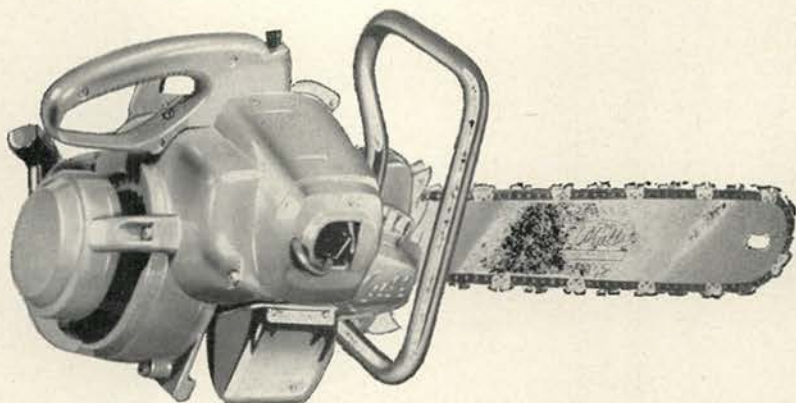
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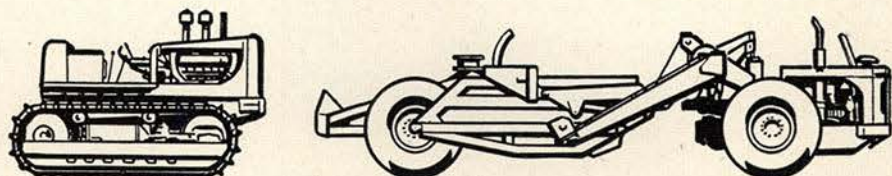
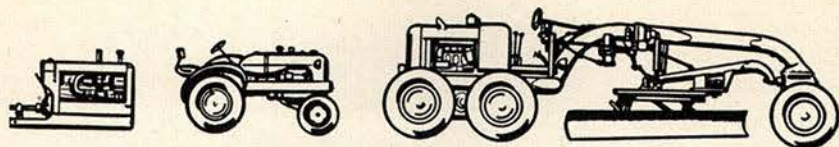
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