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## The Utah Juniper, Volume 18

Utah State University

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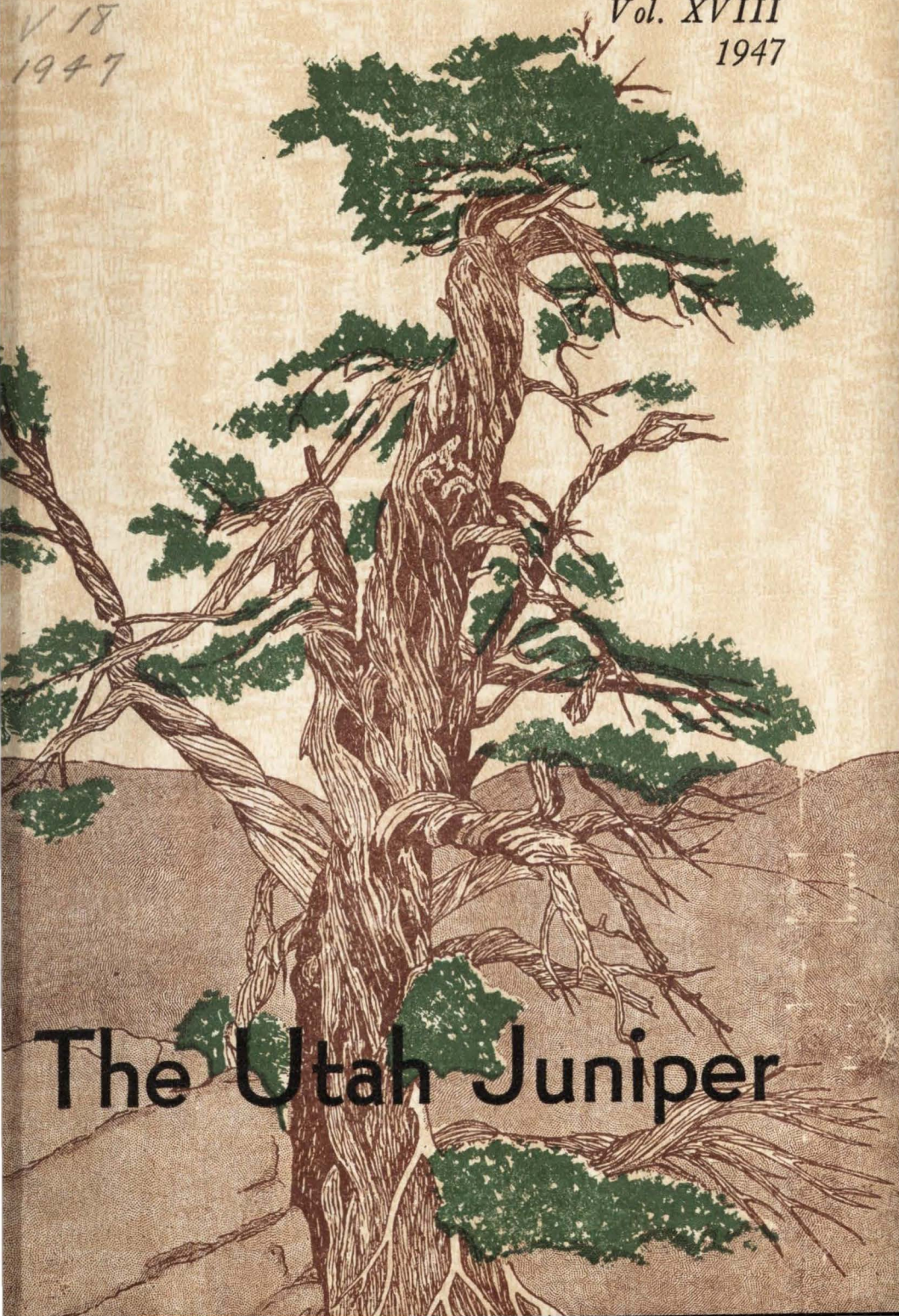
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# The Utah Juniper

# The Utah Juniper

*Published Annually by*  
**THE UTAH FORESTERS**  
Utah State Agricultural College  
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Volume 18

1947



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Copies of this issue may be obtained from the School of Forestry, Utah State Agricultural College, Logan, Utah, at a cost of fifty cents per copy.

To all the alumni and former students the editor is grateful for the financial support. We also appreciate the many interesting letters.

## Dedication



To Dr. William Lawrence Wanlass, Dean of The School of Commerce, We, The Utah State Foresters Respectfully Dedicate This, The Eighteenth Edition of The Utah Juniper.

His efforts, when Acting President of Utah State Agricultural College during the spring of 1946, were influential in bringing about the re-accreditation of the School of Forestry by the Society of American Foresters.

# Making a Career of Forestry

By H. D. Cochran

*Chief, Division of Personnel Management  
United States Forest Service*



H. Dean Cochran

Most men preparing themselves for the profession of forestry look forward to working as an employee of some corporation or public agency rather than as an independent practitioner. In some ways this dependence on employers limits opportunities for professional activities, but at the same time it enables the prospective forester to analyze in more specific terms than would otherwise be feasible what his opportunities are likely to be.

Forestry is not a densely populated profession compared with law, in which there are\* 177,643 practitioners; medicine with 164,649; engineering with 245,288; etc. It is roughly estimated by the Society of American Foresters that the numbers of the forestry profession are distributed as follows:

Agency	Number	
Federal		3650
Forest Service	2500	
Soil Conservation Service	400	
Tennessee Valley Authority	150	
Department of the Interior	400	
Other federal agencies	200	
State (including 123 farm foresters)		625
County and municipal		20
Colleges, universities and schools		225
Private		2000
Associations	25	
Operators and consultants	1975	
Total (classified)		6520
Unknown and unclassified		2480
Grand total in forestry and related fields		9000

To replace five percent of these annually, the thirty-some forestry schools of the United States should turn out 450 qualified graduates.

(\*1940)

The schools, however, do not maintain an even flow. Before the '30's the annual graduating class of all forestry schools amounted to about 275. During the period of public conservation activities brought on by the depression of the '30's, forestry suddenly increased in popularity, and during the latter part of the decade the output of forestry graduates increased until it reached an all-time high in 1939, when 1,102 graduated. Shortly after this output of professional foresters reached its peak, employment opportunities declined very rapidly. Then the war came and upset all normal relationships, simultaneously reducing to a minimum the demand for professional forestry work among the public agencies and at the same time demanding manpower from forestry (like all other professions) for prosecution of the war. After a five-year period in which practically no new recruits were added to the profession, there is suddenly now an influx of students into the schools—many of them with one or two or three years toward graduation—looking for an opportunity to qualify themselves at the earliest possible date, and start in with the practice of their profession. Opportunities for employment—and this fact must be faced frankly—are far below the supply of potential foresters.

The simplest—but perhaps inadequate—solution to the problems inherent in this situation, which is vital equally to the prospective forester and to the agencies concerned with maintaining high professional standards in forestry, is competition under the time-honored system of supply and demand. But it is an employer's market in which only the best get the jobs and the others turn elsewhere. For those who are mainly interested in an impersonal way, this provides a quick and rather conclusive answer. For those directly and personally interested, however, it is highly unsatisfactory and does not provide even the rudiments of a plan for meeting a serious problem. Even if this is essentially the fact which must be faced, it is worth careful consideration in all of its details so the most can be made of opportunities that can be found—or be made—to match men and jobs.

Obviously, competition is going to solve the problem for only about 26% of the men who graduate annually from the forestry schools—so far as employment is concerned. This, however, does not mean that four or five years devoted to the study of forestry have been a waste of time. There is still the field of consulting which has been only slightly developed. It takes courage and resourcefulness to hang out a shingle and wait for the world to come to your door, but doctors do it, and lawyers do, and it is a safe bet that foresters more and more will sell their services on a contract basis. It is very definitely a future to look forward to and an important one.

Then there are those who are fortunate enough to own forest land and operate it as an independent enterprise. More foresters should be landowners and operators. It is a combination that provides "proof-of-the-pudding" and lends stability to the whole movement of forest conservation. Others who are not fortunate enough to own forest land, can lease such land or otherwise enter into other contractual relations for forestry in terms of private enterprise. A timber domain is not necessary for this. A small woodlot or a nursery will provide a beginning. There are approximately 3 million farms in the United States

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on which forestry should be practiced. Assuming that competition will be keen regardless of which outlet is chosen for the professional practice of forestry, what are the questions for which prospective foresters must find answers? Perhaps this is the first one—what is expected of a forester? Of course there are many different kinds of foresters—foresters who work in the woods (and that is the kind we all want to be), and foresters who work in offices and laboratories; foresters who manage timber tracts for the production of lumber; foresters who protect timber lands; foresters who plant; foresters who cruise; foresters who work on research problems; and foresters who work with associated resources, such as water, range, recreation, etc. One might conclude that a forester is all things to all men, but there is a common denominator, and that is management of *uncultivated land*—at least uncultivated in the conventional sense—on which the dominant growth is a forest. In spite of all of the varied specialized aspects of forestry, the ultimate purpose is to manage forest lands for production of one kind or another. Keeping this common denominator in mind, let us repeat our question—what is expected of a forester?

Knowledge is so obviously the first requirement of any professional practitioner that it can be disposed of rather quickly, but not as quickly as might be thought at first glance. Forestry is not an exact science in which professional knowledge can be neatly cataloged and tabulated. As a matter of fact, forestry is not exclusively limited to any scientific field. Basically perhaps it is not a science at all but an art, the foundation of which is made up of elements from every form of science—mathematical, physical, chemical, natural and social. Obviously this is too large a field—too great a body of knowledge—to completely master in detail. The objective therefore must be to select. Being selective is the most difficult and yet at the same time the most satisfying prerogative of human existence.

This subject of knowledge is worth further consideration, but we will get that in a later paragraph. Suffice for the present to mark the broad varied knowledge related to the practice of forest land management and the inescapable need for being selective in acquiring it.

The next thing that is expected of a forester is skill in the use of knowledge. Sometimes we call this the ability to think. It is the process by which we convert knowledge into purpose and action. The same material, basically, is to be found in the standing tree or the raw clay bank and the finished structure. The vast difference in form and value is a matter of skill in the use of knowledge.

Something more than knowledge and skill in the use of knowledge is expected of a forester, and that is to get things done. For some jobs knowledge may be enough; for some, skill in the use of knowledge will suffice; but for the big jobs at the top of the list, ability to get things done is indispensable.

These answers to the question of what is expected of a forester lead to the second question—how to deliver what is expected. The importance of demonstrating the ability to deliver what is expected is self-evident. Another thing is self-evident—that that alone is not enough. It is necessary to demonstrate the ability to deliver more than is expected, since obviously in an employer's market like the present,





jobs will go not always to those who are adequately qualified but rather to those who are qualified better than most of the rest. School grades are important and what they stand for in the way of accomplishment is even more important. School activities and experience are important; also civil service grades and other evidence of competence.

How do we acquire the knowledge and develop the skill in using it and getting things done which are expected of us? The universal answer is education. And in the term "education" let us include the entire process by which we acquire knowledge, skill in the use of knowledge, and the ability to get things done, whether it be in school, at work, at play, reading, observing, talking or listening.

As to knowledge, we obviously cannot get all we need in college—certainly not for a broad diversified field of activity such as forestry. The importance of a broad range of knowledge is self-evident since we cannot, and probably should not, attempt while still in college to decide on narrow specialties to be followed after graduation. Accordingly, of more importance perhaps than the knowledge that is acquired in school are the ability and the determination to continue the learning process as long as the soul and body stick together. An education is not a specific process limited to a specific period of time but, if it is worth the effort, it becomes a state of mind which lasts always. Someone has said that a true education consisted of what the student retained after he had forgotten everything he had learned. This perhaps is a little extreme but it conveys the idea with respect to the knowledge that is

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expected of a professional forester and the process by which he must acquire and use it.

If it is important to be selective in the knowledge that is acquired, especially during a college course, it is because of the importance of getting the basic subjects—first, those that may be called cultural subjects. In this connection we should re-emphasize to ourselves the fact that forestry involves almost every phase of pure science, natural science, and social science. It is easy to see the application of mathematics, chemistry, physics, botany, zoology, ecology, etc., etc., but it is more difficult to see the human side of the picture. Nevertheless, it must not be overlooked. In the first place, the ultimate aim of forestry is human welfare. The things we do in the forest are unimportant except as they contribute to the welfare of people who depend on them for timber, forage, water, recreation, employment, and other necessary uses and benefits. This side of forestry may be somewhat eclipsed during college years by the pressure to learn the techniques of the job. The importance, however, of this side of forestry cannot be over-emphasized. It calls for an understanding of the elements of philosophy, psychology, sociology, economics.

Human relationships—in a more restricted way—are made important by the nature of forestry and the way in which foresters have to work together. Most of the responsible jobs in forestry are accomplished through directing the efforts of others. This requires of the forester the ability to supervise—and usually to be supervised. The ability to work and cooperate in an organization, to apply the principles and techniques of human and administrative management are essential attributes.

Communication is distinctive in forestry. The essential element here is the span of time and space involved. The wheels of forestry revolve slowly. Normal rotations and, very often, cutting cycles, exceed the span of one man's working lifetime. The forester, therefore, must be able to pick up the work of preceding generations from records and reports, carry them on and transmit them to his successors in an understandable form. Even contemporary co-workers in forestry are likely to be separated geographically so as to be dependent on written instructions and other communications more than co-workers in other fields. Skill in the use of English therefore becomes absolutely indispensable. Don't underestimate its value. Someone has said that the difference between men and the lower animals is words.

Somewhat more self-evident is the relation to the practice of forestry of the basic sciences, which have already been mentioned. The dean of an important engineering school made the statement within the past year that all of the principles and formulae used by the engineering profession could be reduced to, and interpreted in, about a dozen fundamental laws of physics. In other words, if the engineer knew those basic laws of physics with sufficient thoroughness and possessed the mental skill to manipulate them properly in terms of practical problems, he would be as well equipped as if he had memorized the details of a score or more of applied engineering textbooks. The same

*(Concluded on page 29)*

## Departmental Activities



"The Faculty Gives the Old "A" Tree It's Quarterly Shake"

## SCHOOL OF FOREST, RANGE, AND WILDLIFE MANAGEMENT



Dean Lewis M. Turner

The outlook for the school is quite favorable. Conspicuously, of course, we were re-accredited by the Society of American Foresters and are now one of the 21 forestry school in the United States accredited by the Society. Re-accreditation was gained by considerable improvement in a number of things. There are now five men in the Forest Management Department, three in Range Management and two in Wildlife Management. In addition to this, of course, we still have part-time service from Dr. J. B. Low, who is otherwise with the U. S. Fish and Wildlife Service, namely, in D. I. Aasmussen's old job.

The library has been greatly improved in the last several years. As previously announced, it is in the north end of the building on the second floor. Liberal acquisition of books continues and we now have probably three times as many volumes as we had five or six years ago, at least in some departments. Both the reading room and the stack room have been refurbished and the appearance of the stack room has been greatly improved under the artistic hands of Mrs. Tess Porter, our regular librarian.

Within the next year there will be considerable improvement in laboratory facilities. The old utilization lab is to be completely remodeled with new and modern equipment. This will then be used jointly by Forest Management and Wildlife Management for various types of laboratory work. New storerooms in the basement have been completed and the school property is in the best organized condition it has ever been.

We are well pleased with the improved facilities for our graduate students. The large room on the top floor, north end, has been remodeled and cut into student offices which have been furnished with war surplus furniture.

The general operating budget for the school has been greatly improved and we have been fortunate in making a number of important acquisitions. We are finally, at long last, no longer dependent upon the old rattle-trap panel truck but have a brand-new, dual drive, Studebaker truck. We are also on the waiting list for a new pickup and it appears we will be able to get around a little in the future. Prospects for additional acquisitions next year are very favorable.

Another noteworthy item is the inauguration of graduate work in Forest Management leading to a Master of Science degree in this field. The program has been approved by the administration and the Graduate School, and announcements to this effect will appear in the forthcoming bulletin and college catalog. In relation to this, a number of graduate assistantships in this field will be available.

LEWIS M. TURNER, *Dean*

## FOREST MANAGEMENT DEPARTMENT

The past year has been outstanding for the Forest Management Department. At the annual meeting of the Society of American Foresters held in Salt Lake City in September 1946, the announcement of the re-accrediting of the School of Forestry was made. This was the climax to several years of united effort to improve the school. Much credit goes to Dean Turner for his untiring effort in working toward the accomplishment of this goal, which was made possible only through the full support of the college administration.

The staff in Forest Management has been improved by the addition of one new member, Mr. Ray Moore. Professor Moore received his Bachelors degree from Pennsylvania State and his Masters from Yale University. He has taken over Professor Floyd's position as Extension Forester and teaches management and finance. Whit is now full time teacher with a side job as State Forester. Aside from his responsibilities in running the Clark-McNary nursery and teaching, Dr. Daniel has been building up the School's supply of dendrological specimens. The dendrology students of the future will have a lot more to work with than the students of the past. Professor Floyd represented the school at a land management meeting sponsored by the Chamber of Commerce in Portland, Oregon. He has expanded his work in Forest Recreation for students desiring advance work in that field. I was in charge of Summer Camp last year and will be in charge again this year. Together with Professor Floyd, we started a research project in Fence Post Preservation last summer. The work will be continued on an expanded basis this coming summer.

I expect to leave Utah State at the end of summer camp to become professor of forestry in charge of wood utilization at Iowa State College, Ames, Iowa. The school has been fortunate in securing the services of Calvin M. Bowen, to be associate professor of forestry teaching mensuration and wood technology, to

(Concluded on page 13)



Dr. Ted W. Daniel



Dr. Dwight W. Benseid



Prof. J. Whitney Floyd



Prof. Ray Moore

## RANGE MANAGEMENT DEPARTMENT



Dr. Laurence A. Stoddart

Prof. Arthur D. Smith

Prof. C. Wayne Cook

The Range Management Department has developed greatly during the past year in order to meet requirements of increased student numbers and increased demands for research work. We have more staff, more budget, and more space than ever before. We "expanded" into two offices on the fourth floor as well as retaining our old space. We've got a fine bunch of boys this year and we think they are the cream of the school—as always!

The staff includes all the old faces (although they are more wrinkled and care-worn) and, in addition, Wayne Cook has been added as Assistant Professor. Art Smith arrived back full of vigor after four years rest in the army. He is in charge of our big new cooperative range-livestock-deer studies and also represents the State Fish and Game Department on these studies. He has time for teaching only one or two courses as a result. Wayne, like me, is half-time on the Utah Experiment Station staff and we are working on range seeding and range plant nutrition studies. We are developing a research and teaching division at the Branch Agricultural College which we hope will soon be well-staffed and underway.

As usual our graduates topped the federal range conservation exams this year! Fellows, we are surely proud of your record here! Wayne Cook proved his worth by a highest-in-the-nation grade of 99—darn near perfect! We had 32 men in the top 100 and seven in the top 15 on the list and, of course, no other school in the country can touch this record.

We have several master's students this year and expect a big expansion next year. We still have some assistantships open. If anyone is interested we would be glad to hear from him. This is a good opportunity since the G.I. benefits are still available along with the assistantship money.

Drop us a letter or, better yet, come in for a visit. We are always pleased to hear about the alumni, and believe me what we hear is mighty good. We are behind you at all times; remember with you goes the reputation of the department.

LAURENCE A. STODDART.

## WILDLIFE MANAGEMENT DEPARTMENT



Dr. George H. Kelker.

For the second consecutive year, the wildlife majors are the most numerous of the three groups of the graduating seniors. There are seven this year and two graduated last year. Next year's graduates probably will be about 14, but the present enrollment of sophomores indicates that they may be the banner class with 30 seniors. There are 49 freshmen enrolled for wildlife management; but each quarter many change to the other fields. The fall quarter started with seven graduate students and the spring quarter is ending with only three.

Nearly all the seniors took the three hour Junior Biologist Examination in February. Not a single technical question was asked and the men are wondering why. Dr. Low attended the annual North American Wildlife Conference at San Antonio, Texas. He presented a paper reviewing current developments of technics in waterfowl management. Dr. Stoddart was vice-chairman of the technical session on Range-Wildlife relationships.

We have secured the services of William S. Sigler to be assistant professor in the wildlife department. He will receive his doctor's degree in June, 1947 commencement exercises from Iowa State College and will come to Utah in time to assist at summer camp.

Opportunities for summer work are good and we expect 10 men to be placed on temporary summer work—some in waterfowl, one or two on deer studies, a couple on beaver investigations and perhaps three on coyote trapping. Contracts have been made with state fish and game departments and several federal agencies. There are vacancies in fellowships in the Wildlife Research Unit. Urgent projects are on antelope study, role of coyote predation, marsh management and the annual harvest of furs in Utah.

With the doubling of the teaching staff and the revision of the Wildlife curriculum to better train men in the respective fields of upland game and aquatic animal life, the Department of Wildlife Management is developing to meet current needs.

GEORGE H. KELKER.

## FOREST MANAGEMENT DEPARTMENT

*(Continued from page eleven)*

replace me. He has been teaching at University of Missouri and obtained his M. S. degree at the University of Minnesota.

The forestry building and equipment have been considerably improved and much greater improvements will be made before next fall quarter begins. The Wood Technology Laboratory will be completely equipped with new laboratory furniture and necessary equipment. A faculty research laboratory will be set up on the second floor. The Club room in the basement has been redecorated and an office for the Club officers built adjacent to the club room.

DWIGHT W. BENSEND.

## WILDLIFE RESEARCH UNIT



Jessop B. Low

Organized in 1935 as a research organization, the Utah Cooperative Wildlife Research Unit, one of 10 similar units located at Land Grant Colleges in different regions throughout the country, has during the post-war year attempted to pick up the threads of the pre-war activities. The Unit was established as a cooperative research and training center supported jointly by the U. S. Fish and Wildlife Service, the State Fish and Game Commission, the Wildlife Management Institute and the Utah State Agricultural College. The primary functions of the Unit are threefold:

(a) To obtain information about important game animals and other wildlife on which better wildlife administration and management practices can be based, (b) To aid in the training of men for the profession of wildlife and other natural resource management, and (c) To conduct education and extension to promote better understanding of values and fundamental principles of wildlife management by sportsmen, conservationists and the general public.

During the 12 years of existence, the Research Unit has been housed in the Forestry Building. Here offices, laboratories, libraries and technical assistance are offered to those interested and engaged in studying the animals, birds and fishes of the state.

During the last year or two several changes have taken place in the personnel at the Research Unit. Dr. D. I. Rasmussen, leader of the Unit since its establishment in 1935, transferred in May, 1945 to the U. S. Forest Service, Region 4, to assume duties in big game management work upon the untimely accidental death of Orange Olsen. Dr. Stillman Wright, Aquatic Biologist for the U. S. Fish and Wildlife Service who had been stationed at the college in charge of fisheries investigations was transferred in January, 1946, to the central office in Chicago, Ill.

Graduate students on assistantships during the past year have been Mr. Eldon Smith and Mr. Don W. Kelley.

Research activities during the past year have dealt with several of the states most important wildlife problems. Mr. Smith has been working on the development of census techniques for pheasants. In an attempt to secure information on how efficiently the present method of restocking pheasants is serving its purpose and how it may be improved the Unit leader has conducted a study during the past two years.

Unit personnel and state Federal Aid Biologists have conducted studies on the waterfowl of the state. Particular emphasis has been placed on studies of waterfowl in Utah, the life history and ecological studies of the nine important species present in the state.



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Initial studies have been made on the newly acquired State Fish and Game Department's 6,000 acre big game range, the "Hardware Wildlife Preserve", in Blacksmith Fork Canyon. Both deer and elk are present in this area. Studies have continued on the antelope of Utah. The importance and management of the muskrat has been investigated during the past two years. Another active project is wildlife statistics, which includes a study of the game kill and the wild fur take in Utah.

During the summer of 1946 seven students were under the supervision of the Unit. These men were working for the Unit and Fish and Game Department. Summer employment is considered a highly desirable part of the student's training. Projects under this activity included pheasant raising, creel census and trash fish control, big game work and waterfowl studies. In addition, Unit supervision was given to the Utah Fish and Game Department Federal Aid Biologists who are conducting big game, upland game and waterfowl investigations.

JESSOP B. Low, *Leader*

## STATE FORESTRY

During 1946, the State Board of Forestry Fire Control extended its activities to the inclusion of 26 of the state's 29 counties in formal fire control agreements. This places more than 4,000,000 acres of state and private forest and watershed lands under fire protection within the state.

A second fire training film "Fighting Large Fires in Brush and Grass" was completed in the Intermountain area during the year. This was made possible through the cooperation of our organization, the United States Forest Service, the U. S. Bureau of Land Management and the State Forestry organizations of Idaho and Nevada. In the early winter months a fire prevention educational program was conducted for the Veterans On-The-Job Training Program in Agriculture. Mr. Don M. Drummond, '37, Assistant State Forester Firewarden in charge of fire prevention education, conducted these classes for Veterans in 21 of our counties. In addition, he has presented prevention demonstrations to more than 8,500 high school boys and girls.

Mr. John E. Burt, '42, Assistant State Forester Firewarden in charge of fire control agreements, fiscal matters and personnel, has been moved to Salt Lake City and is now headquartered at the state capitol where he maintains an office.

The Utah Cooperative Fire Fighters organization with J. Whitney Floyd, '36 as Chief Forester-Firewarden, acting as Coordinator, is being maintained as an agency in the state. Its purpose is to continue the close and unified working relationship of all the fire control agencies within the state in a prevention, presuppression and suppression program. Federal and state appropriations are being increased from year to year giving us promise of having a complete protection organization in Utah within the next 5 years.

J. WHITNEY FLOYD.

## THE UTAH JUNIPER CLARK McNARY NURSERY



The Clark McNary Nursery is a cooperative project supported by the Utah State Agricultural College and the Federal Government for the purpose of supplying planting stock to farmers. The trees supplied must be used for wind-break, shelter-belt, or woodlot purposes and

cannot be retailed by farmers. Low prices, which average about \$2.50 per hundred, make trees available to anyone who has the land and a desire to plant it.

Spring came suddenly in 1946, and stayed warm and dry for six weeks. The weather was so unseasonal that all the trees had broken their buds before April 16, and no more orders were shipped after that date. The short season held down the total number of trees shipped to 75,000, but late orders would have raised the total beyond that of the 1945 season.

In order to provide conifer stock for class instruction and to round out the tree inventory, some of the conifers in big demand were planted—Colorado Blue Spruce and Eastern Red Cedar. The Spruce germinated and survived the summer fairly well; but late planting and warm weather were unfavorable for the Juniper, so no germination took place. By fall, there were 300,000 trees growing in the nursery and improvement of germination on some of the beds should give a greater capacity at some future time. Black Walnut has been shipped as 2-0 stock in the past, but it develops such a strong top stock root that lifting is difficult and the root system shipped is poor. In the future, black walnut will go out as 1-0 stock and should have a better chance of survival.

Floor space has been the greatest need of the nursery for some time and the reconversion of a wartime building to be moved to the nursery promises to remedy the situation. Mechanization of the summer weeding problem has been delayed for lack of housing facilities for equipment, but a garden tractor has been added and should be a big help in weed control.

Foresters reported in greater numbers during the 1946 shipping season but the nursery work was still dependent on the support of the high school students for much of the lifting, shipping and planting. The large enrollment in the school promises to bring more foresters to the nursery and a return to their pre-war dominance of the work.

TED W. DANIEL.

# Club Activities

## The Student Life

Volume 34

Utah State Agricultural College, April 11, 1947

Number 22

# WANT HITS TO WIN

## Woodsman, O' Bless' Week Of Forest Crew

Paul Boman arrived on the campus last Sunday evening to oversee the Foresters' annual week of selection. After a brief tour of the campus accompanied by Forestry Week Chairman Tony Frittle and a loyal band of Foresters, Paul set up his office at the intersection of the cross walks on the quad and held a conference with Forestry club members on details of the collection.

Handing of cash and the rest of the afternoon Paul administered the Foresters' election process by staying their hands from the cash. They only signed and stamped receipts for a candidate but were unable to temporarily disturb the fire at either end of the week.

Joseph Niles, Forestry, is a mighty warrior of the woods. He is a member of the crew and was one of the first to take the night shift job and was the first to be late.

Monday night, the Foresters thinking to save themselves, elected all their engineering students and foresters. Paul's office in the forest of the lobby, engineering building. Paul promptly issued his orders and left his office when it was over and he continued on their way.

## Council Outlines Openings for Appointive Jobs

Members of the council for appointive student body officers for next year have been announced by the council body officers.

Appointive for president, vice president and business manager of Student Life, Student and Welfare are also being made.

Chairman Frank Boman has indicated that nominations for these positions are available on the application form. They should be returned to the office of the business manager, Student Life, Student and Welfare.

Chairman B. H. Frittle has issued a form for a check sheet for candidates' appointments and names.

Other appointive officers to be elected this spring are the members of the Student Life, Student and Welfare, and the Student and Welfare.

## The 'Beeg Wan' Is Here Again!



## Paul's Party Climaxes Utah Forester Banquet Held In Church Hall

There are just 24 hours left before the patron saint of the foresters, Paul Bunyan, and Babe, his hound dog, must say adieu to the Utah State campus and go home to their huts in Maine.

Before they leave, the Foresters have staged a banquet in the Student Center at 8 p. m. at the Plaza.

Paul said that he had spent most of his time on the party and he would be disappointed if he did not have a good time. He said that he had spent most of his time on the party and he would be disappointed if he did not have a good time.

He also had requested that the other club officers be on the list for the party. He said that he had spent most of his time on the party and he would be disappointed if he did not have a good time.

In other club news, the Foresters who come to the party, but under the name of the club, are the members of the club. They are the members of the club and they are the members of the club.

The club will be holding a meeting on the 15th of the month. The club will be holding a meeting on the 15th of the month. The club will be holding a meeting on the 15th of the month.

## Jolley, Feulner, Hansen Nab Strategic Spots

Donald Anderson, vice national Association Student president at Utah State, had today indicated yesterday by Chairman Collette Reid, he polled 120 votes to defeat Wayne Feulner, and Tom and Frank Hansen, Williams who polled 101 and 574, respectively.

The Foresters' and other officers, will be meeting at the student body office and Student Center in May.

Utah State's newly elected Foresters' president, who came out of the most successful year in the Foresters' history, was elected 200 votes in defeat of James Frittle, vice president. Three were elected to one-year terms: Jolley, Feulner, and Hansen. They received 50, 50, and 50 votes respectively. In other spots, Paul Perry, 101, Ray Sherman, 50, Frank Hansen, 50, and Frank Hansen, 50.

Named to assist the Foresters' national committee were Martin Hansen, 101, chairman; Tom Hansen, 101, Robert L. Hansen, 101, David Hansen, 101, and Frank Hansen, 101. Also for the Foresters' national committee, in other spots, were elected: Tom Hansen, 101, and Frank Hansen, 101.

## What's Cookin'?

April 11 - 11:00 a.m. - 11:00 a.m. April 12 - 11:00 a.m. - 11:00 a.m. April 13 - 11:00 a.m. - 11:00 a.m. April 14 - 11:00 a.m. - 11:00 a.m. April 15 - 11:00 a.m. - 11:00 a.m. April 16 - 11:00 a.m. - 11:00 a.m. April 17 - 11:00 a.m. - 11:00 a.m. April 18 - 11:00 a.m. - 11:00 a.m. April 19 - 11:00 a.m. - 11:00 a.m. April 20 - 11:00 a.m. - 11:00 a.m. April 21 - 11:00 a.m. - 11:00 a.m. April 22 - 11:00 a.m. - 11:00 a.m. April 23 - 11:00 a.m. - 11:00 a.m. April 24 - 11:00 a.m. - 11:00 a.m. April 25 - 11:00 a.m. - 11:00 a.m. April 26 - 11:00 a.m. - 11:00 a.m. April 27 - 11:00 a.m. - 11:00 a.m. April 28 - 11:00 a.m. - 11:00 a.m. April 29 - 11:00 a.m. - 11:00 a.m. April 30 - 11:00 a.m. - 11:00 a.m.



Front row, left to right: Dean Lewis M. Turner, Wendell Frisbee, Luther Windsor Dwain Haacke, Charles Rawles, Jacques Pinkard, Tony Peterle, Delbert Cram and Joe Preto. Back row, left to right: O'Dell Frandsen, Clyde Cook, Lester Fluckiger, Blair Low, Dick Michaud, Dr. Dwight Bensed, Prof. Arthur Smith, Prof. J. Whitney Floyd, Mike Miek, Dr. Ted Daniel, Bert Stickler, Jack Wilcox, Lee Sharp, Robert Witmer, Jim Gray, Clifford Juske, Bill Nelson, Walt Manson, Kenneth Giles, and Dr. George Kelker.

## FORESTRY CLUB

The Utah Foresters are bringing to a close one of the most successful years in the history of the club. Despite the fact that many of the club members are new, the club has been as active and as wide awake as ever.

Activities started off with a big bang when all the Bunyanites gathered at Tony Grove for the annual Fall Barbeque. Everyone enjoyed the keen interclass competition and when the mud was scraped off and the scores totaled, the seniors came through to take first place honors for the day. Al Hoyle proved his boasts of the art of cooking by his steak dinner and hungry foresters did them justice by coming back for seconds and thirds.

During the winter quarter, the Home Economics girls were invited to a social held at the L. D. S. Institute. Reports indicate that several of the foresters did all right.

The highlight of the winter quarter was the exposure of a fake kidnapping of Paul Bunyan, who mysteriously disappeared early in the fall quarter. Three foresters gained entrance to the forestry building, kidnapped and held Paul in solitary confinement for several weeks. Some of the small cogs to the big wheels claim they knew where Bunyan was hiding.

The traditional Brown Jug party with the Engineers was held on Spring Quarter registration day in the women's gym. Mike Miek was chairman and is to be congratulated for the fine party. The engineers proved too much for us and took the Brown Jug for a year.

The Intramural race has been a hot and closely contested battle with the foresters moving into first place in the departmental league as a result of a good showing in boxing, thanks to Tony Sutich, and a first place showing in the Winter Carnival due to the speed of Alex Bodenstein and Jim Gray on skis and Burt Silcock on snowshoes. We placed four firsts, a second and a third. As the Juniper goes to press, we are maintaining our lead in softball. Zen Jensen and Burt Silcock are to be commended on the fine job they have done.

The Chips was published again with Art Pirsko as editor. He was assisted by Dwain Haacke and Zen Jensen, reporters; Shirley Clawson and Donna Nielsen, staff typists; Don Drummond, staff artist; and Dr. Dwight W. Benseid, faculty advisor.

Plans for Utah Forester Week were made early in the Fall quarter with Al Wood being assigned as chief of foresters week. Al later withdrew from the school of forestry and Tony Peterle, a promising sophomore was asked to take over.

Officers for next year were elected in April. Lee Sharp was chosen president. Other officers include: Jack Wilcox, vice president; Val Simpson, secretary; Dick Michaud, treasurer; Carl Stoddard, senior representative; Ed Whipple, junior representative; and Jerry Webb, sophomore representative.

Good luck to you fellows!

THE UTAH JUNIPER



LEFT  
Forestry Club Officers, left to right: Dwain Haacke, president; Jack Wilcox, vice-president; J. Whitney Floyd, advisor; Tony Peterle, Chairman of Forester's Week; and Luther Winsor, senior representative.

RIGHT  
Burt Silcock travels on snowshoes to win at the Winter Carnival.



LOWER  
Dwain Haacke eats pie with an engineer at the Brown Jug Party.





Cooking breakfast is a cold job in Doc Kelker's winter woodcraft class.



LEFT

Al Malone plays miniature ice hockey at Open House.



RIGHT

Pyramid at Open House includes, lower row, left to right: Zen Jensen, Al Malone, Burt Silcock, August Welchman, and Mortimer Parrish. Second layer, Tony Peterle, David McComb, Lee Sharp, and Bert Stickler. On top is Joe Wooley.



### XI SIGMA PI

Front row, left to right: Lee Sharp, Dr. Ted Daniel, Delbert Cram, Charles Rawler, Luther Windsor, Dr. George Kelker. Back row, left to right: Jim Gray, Prof. Arthur Smith, Dr. Dwight Bensed, Clyde Cook, Prof. J. Whitney Floyd, Walter Hansen, and Dean Lewis M. Turner. Camera shy members are: Burt Silcock, Zen Jensen, Dr. Laurence A. Stoddart, Prof. C. Wayne Cook, Nels Thoreson, Cecil Ballanger, and Joseph Wooley.



## XI SIGMA PI

Xi Sigma Pi, founded at the University of Washington in 1908, installed Lambda Chapter on the Utah State campus April 27, 1940 and continued filling the aims and ideals of its local predecessor, Phi Gamma Rho, until 1943 when limited enrollment forced a cessation of activities. On May 21, 1946 three returning student members in a meeting with the faculty members, reactivated the chapter and initiated Dean Lewis M. Turner and seven qualified students into the fraternity. Seven more students were initiated winter quarter and more candidates will be considered as they become qualified.

The objects of the fraternity are to secure and maintain a high standard of scholarship in forestry, and to promote fraternal relations among earnest workers engaged in forest activities.

This year Xi Sigma Pi has attempted to live up to the fine high standards set by our predecessors. The fraternity stands for clean scholarship and its members encourage forestry activities at the institutions with which they are connected through active participation in the projects of their respective forestry clubs and by encouraging the development of leadership in school activities.

As in past years, the local chapter has continued to carry on the traditions of Phi Gamma Rho by incorporating them into those of the national fraternity. A new Honor Roll Plaque, on which the names of the highest ranking freshman, sophomore, junior and senior are to be engraved, was purchased to supplement the Phi Gamma Rho Plaque which was filled in 1942. Arbor day was again celebrated by the planting of several trees to aid in the beautification program on the campus. In addition to aiding the forestry club in its activities, Xi Sigma Pi again sponsored the annual Forestry Banquet which was held during Foresters Week.



Xi Sigma members plant a tree on the campus in observance of Arbor Day. This is an annual project of the fraternity.

# THE UTAH JUNIPER

## SUMMER CAMP

Thirty-six Bunyanites from 11 states answered roll call on June 16 for the first post-war Summer Camp at Tony Grove. Doc Bensed camp manager, effected an efficient organization and an enjoyable and profitable summer resulted for all.

The Paul Bunyans of future years should find their surveying much simplified due to the six-foot swaths through the brush and the toe-holes gnawed into the cliffs at 10 chain intervals across the surrounding country. Immediately below the Jardine Juniper they will find a gentle grade down a vertical cliff well marked with blood stains and shin scrapings left by Whit Floyd's crew.

The wildifers were as fully perplexed as their grass-planting and ax-wielding brothers when Doc Kelker passed out the instructions for a four-mile belt transect from the creek bottom to mountain top, tabulating the rodent boroughs by species, drawing a three dimensional view of each type of scat encountered, and making a detailed survey of a squirrel hole.

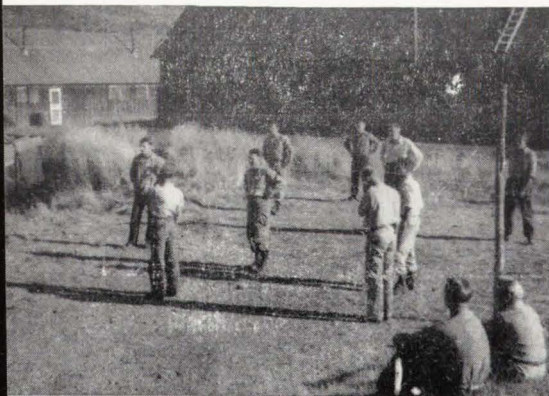
The mental attitude of the sagebrush jumpers from Utah State was considerably elevated by 12 geologists from Yale University who took over the north bunkhouse for six weeks and shared the mess hall with us. The peaceful solitude of the Cache Forest loggers was often shattered by the sudden appearance of these brisk young men industriously tapping on the rocks.

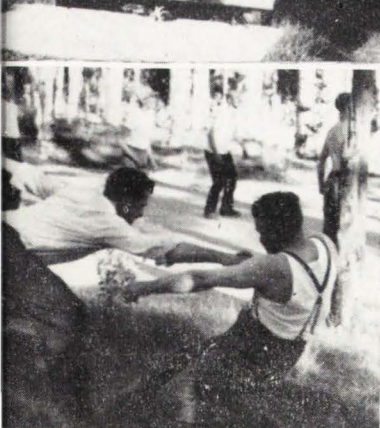
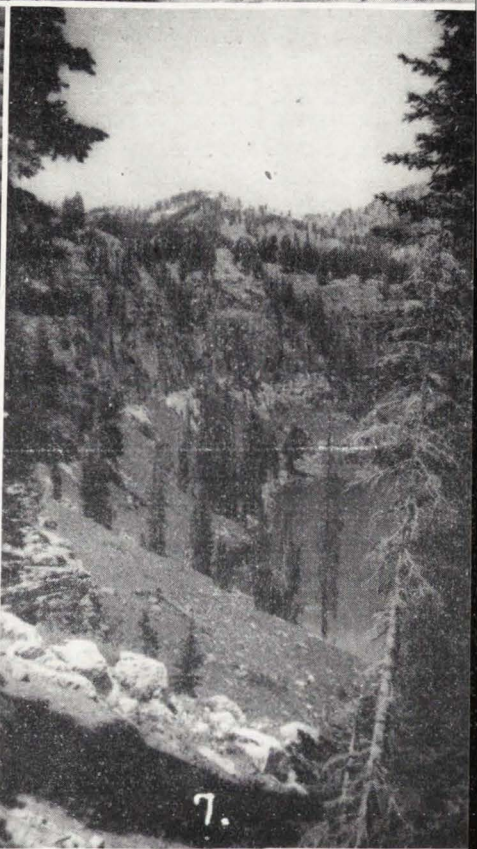
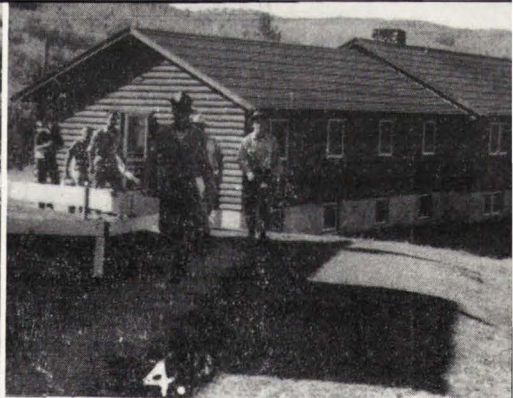
The summer activities wound up with a week trip through Southern Utah. Of note on the trip were: Wayne Cook's "fatherly" assistance at the dance at Bryce Canyon Lodge; the mystery of the missing bed roll at Beaver Canyon camp; and the culmination of each of the mighty nimrods desire to "catch just one good mess of fish this summer".

1. The call for volley-ball came each evening at 5:00.
2. Constructing a pool for trout in Doc Kelker's wildlife class.
3. Forestry majors.
4. Heigh-Ho for the morning.
5. Range Management majors.
6. Wildlife Majors.
7. Tony Grove Lake.
8. Wayne Cook and Dean Turner Indian wrestling. In the background is more volley-ball.
9. This is it—food.

—Photographs by Dr. Ted Daniel.

*twenty-four*





## FORESTERS' WEEK

Paul Bunyan returned to the campus on Sunday night, April 7, and FORESTERS' WEEK started off with a bang. A Pow Wow was held on the Quad at 8:00 p.m. and all the fellows showed up to see that Paul's footsteps got around the campus. This same night, a rough slab wood shack was built on the center of the Quad. By Tuesday morning the shack had been moved to the front of the Engineering Building, but the foresters lost no time in moving it back. All foresters who had not donned their plaid shirts were given the water treatment Monday noon before the flag race.

Tony Peterle was named chairman of FORESTERS' WEEK and appointed numerous committees to help him. They included: Larry Wilde, Paul's Party; George Tripp, Assembly; Dwain Haacke, Student Life Editor; Jim Gray and Del Cram, Banquet; Jack Wilcox, Protection of the Queen; Ed Cox, Special Events; Bert Stickler, Radio Programs.

Foresters and engineers were busy all week taunting one another. One morning the sign FORESTERS appeared in white lettering on the Engineering Building roof. Engineers promptly changed it to FORESTERS STINK. The next morning, the sign appeared FORESTERS FOREVER: STINKING ENGINEERS. Several of the plaid shirted boys were caught breaking into the Engineering Building by the local police. However, this wasn't the same night they herded eight sheep into the building.

Thursday morning found us without our queen, Lenore Hansen. On Wednesday evening the engineers took her from the campus dorm and drove her to Pocatello, Idaho, where they locked her up in a hotel room with 12 engineers standing guard. By Thursday night, the engineers were getting sleepy and relaxed their guard. Queen Lenore, with the help of the bell boy (we foresters are forever grateful), managed to put a call through to the men's field house dorm asking for a forester. After much arguing with the operator—Queen Lenore had no money and besides there was a telephone strike on—the field house phone rang and lucky enough a forester answered. So at 4:00 a.m, four of our men, led by Jack Wilcox, drove to Pocatello and rescued her.

## SPECIAL EVENTS

Special events were held each day. On Monday the flag race gave the student body the first taste of FORESTERS' WEEK. The race turned out to be a bloody battle and ended in a tie. There are some foresters who still maintain that the engineer from the sidelines who tackled Zen Jensen as he was racing toward the goal, should have had the water treatment.

The log chopping contest on Tuesday was lost to the engineers after a narrow margin, amounting to one second on the part of Wayne Cloward chopping against an engineering professor. Zen Jensen was 12 seconds behind the engineer in the second contest.

Wednesday Zen Jensen, Burt Silcock and Lou Windsor teamed up to win all three of the snow shoe races. On Thursday, the tobacco spitting contest was won by Lee Sharp and the log sawing contest by Burt Silcock and Bud Simpson, all plaid shirted boys.

#### ASSEMBLY

For the second consecutive year the "Queen for a Week" assembly program was produced. Due to the telephone strike, the program was not broadcast over KVNU as last year. Over a hundred dollars worth of merchandise was collected from the following stores: Western Stores, wool blanket; C. C. Anderson's, \$10.00 gift certificate; Johnson's Sport Hut, pedal pushers; Fred's Flowers, corsage; Sears, Roebuck & Co., purse; Modern Beauty Salon, hair-do; Rechow's, silk hose; J. C. Penney's, compact; Max Brunson's Studio, glamour photo; S. E. Needham's, costume jewelry; Tingwall's, two pair nylons; Dick's Cafe, two steak or chicken dinners; Milady's, yellow scarf; Lloyd's of Logan, records.

Queen Lenore Hansen from Alpha Chi Omega was presented to the student body and awarded her trophy and gifts. A new trophy was purchased by the club this year and the Alpha Chi's will hold it for one year. It must be won three years in succession by the organization sponsoring the queen to be kept.

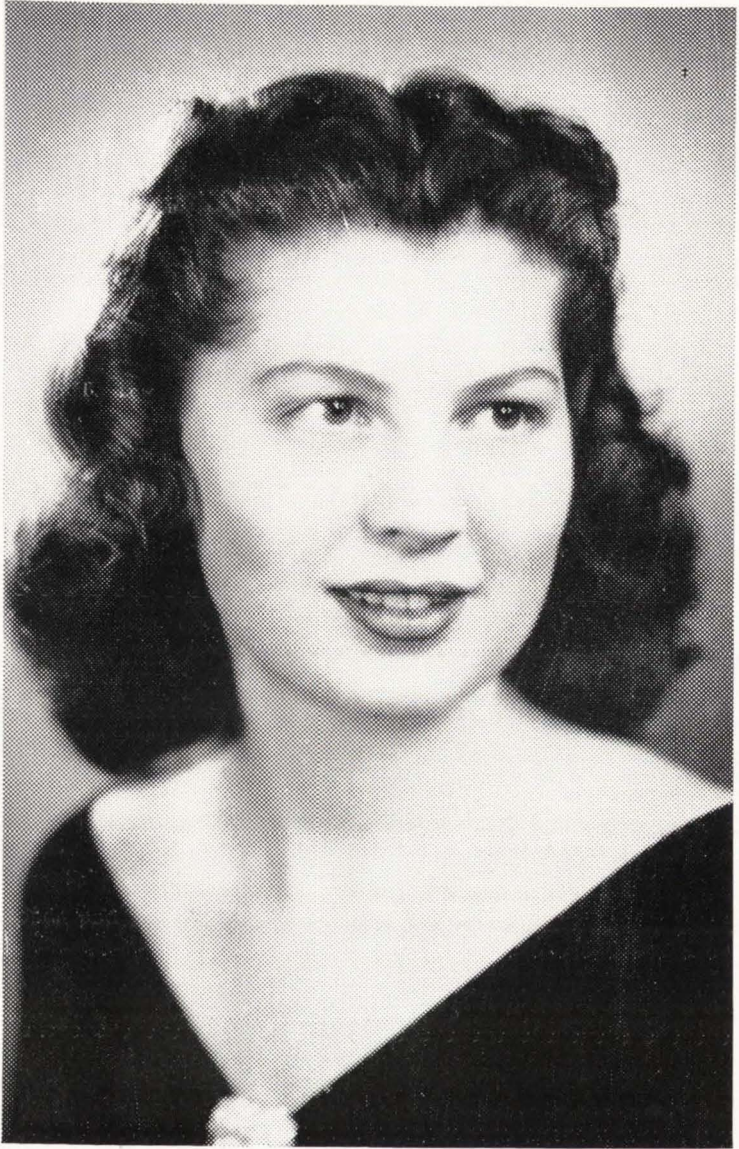
A pantomime of "The Shooting of Dan McGrew" was presented and the audience shook with laughter. Somewhere in the balcony, engineers threw pepper on the stage, and they were promptly blasted from the front row by Burt Silcock and Tommy Meehan throwing eggs. Archie Ashenbrenner, portraying "The Lady That's Known As Lou" revealed her curves and Dan "Chuck Rawles" McGrew thought enough of her to fight it out to the bitter end with "The Stranger", Tony Peterle. Some say it was 3.2 beer they were dishing up at the bar.

#### THE BANQUET

The annual banquet was held Thursday, April 10, at the Logan Presbyterian church reception hall. Congratulations go to Dr. George Kelker's wife and her church ladies for such wonderful food. One hundred fifty club members, forestry faculty members and guests attended. Guest speaker of the evening was Mr. Reed Bailey of the Intermountain Forest and Range Experiment Station. Master of Ceremonies was George Tripp. Officials of the U. S. Forest Service, Soil Conservation Service, Fish and Wildlife Service and several members of the college faculty were present.

During the banquet, the "Son of Paul" award, a bronzed loggerboot, was presented to Zen Jensen, intramural manager, as the member who contributed most to the general welfare of the club during the year.

The boner award, a headless axe, was presented to Larry Wilde. It seems Larry, the proud father of a son, doesn't know the full story of the "birds and the bees". These two awards are an annual presentation and are placed in the trophy case for all posterity to see.



Lenore Hansen, Queen of Foresters Week.

## PAUL'S PARTY

Paul's party was the climax of the week. Larry Wilde and his committee worked hard and the party was a huge success, well-termed the best dance of the year at Utah State. His committee included: Grover Elgan, decorations; Bill Nelson, program; Mel Roberts, refreshments; Dwain Haacke, corsages.

The hall was decorated as only foresters can decorate it—with evergreen trees and stuffed animals and birds. The rustic bar was crowded all evening where cokes, punch, nuts, doughnut holes and "Blue Oxes" were served. The "Blue Oxes" were cookies cut in the likeness of "Babe" and tinted blue.

Paul was reigning supreme when the Dansante doors were opened at 8:30 to admit the guests. Immediately 15 engineers piled into the Dansante and a fight progressed, but as the foresters were outnumbered three to one, the engineers took Paul away. Larry Wilde managed to hold on to one of them, and all available foresters dressed him up in a plaid shirt, placed the sign of "Paul" on him, clipped his hair to make a mustache and beard, and tied him high on a ladder to watch the festivities. Later that evening he was introduced as "Paul's son—only three weeks old." Before the evening was over, revengeful foresters had shaved his head as an added punishment.

Paul's Party proved a great success and was enjoyed by all—even the shaved one. Lee Sharp made constant trips up the ladder to take refreshments to him. It has not been reported just what those refreshments consisted of, but it isn't hard to guess.

## MAKING A CAREER OF FORESTRY

*(Continued from page 8)*

applies to forestry. The whole field, which is complex at best, can be greatly simplified by acquiring and applying the basic principles of science to the current problems of administration and research, and thus reducing the burden of attempting to memorize and mentally catalog all of the rules and procedures which have been worked out by others and applied to similar problems in the past.

These are the true professional qualities of a forester and it is through these that the forester will be able to deliver what is expected of him—knowledge, skill in thinking, conclusions, convictions, action. It is not enough to know "what" and "how". That is the province of the technician. The professional man must be in a position to go behind this and figure out "why". He must be in a position to justify forestry as a private enterprise and as a public activity. That means knowing the needs and the values involved, and demonstrating the ability to balance cost against returns. Every forester before graduating from college should sit down and analyze his knowledge and concepts of forestry in all its aspects, answering such questions as, "What is the total resource in the United States? What is its value? What is the drain of replaceable products? How is it to be replaced? What is the function of private enterprise in forestry? What is the function of Government? Of other public agencies?" With the answering of these you will form a credo that is the mark of a truly professional forester and without which the most thoroughly trained technician is still only a technician.

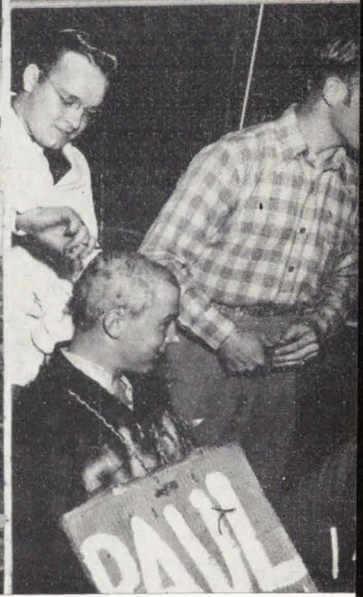
# FORESTER'S WEEK



1. Dean Turner and the boys watch the flag race.
2. Assembly quartet is made up of waiters, left to right: Alger Hageman, Lu Windsor, Tom Riordan and Lloyd Kennedy. Bartender is Bert Stickler.
3. Flag race.
4. Lee Sharp wins the tobacco spitting contest.
5. Paul's office in the center of the quad.

6. Zen Jensen presented achievements.
7. Ed Cox lines 'em up for
8. Zen Jensen chopping.
9. Dwain Haacke awards candidate of Alpha
10. More assembly. Read his back to camera





5. Boot for outstanding

6. Queen Lenore Hansen,

7. Carl Stoddard with Charles Rawles (Danger-

ous Dan McGrew), Archie Ashenbrenner (The Lady That's Known as Lou), Ed Whipple and Jack Wilcox.

11. Haacke presents Larry Wilde with the headless axe for the biggest boner of the year.

12. Engineer Ken Bigler tied high on the ladder at Paul's Party.

13. The bar is plenty busy at Paul's Party.

14. Intermission time at Paul's Party and Jack Van Liere and Tony Peterle give the engineer a haircut.

## Graduating Seniors



DELBERT D. CRAM  
Forestry Club  
Associate Forester,  
Xi Sigma Pi



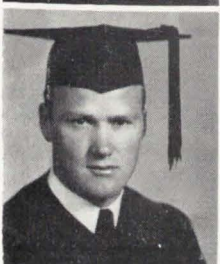
JAMES ROBERT GRAY  
Forestry Club  
Ranger, Xi Sigma Pi  
Alpha Zeta  
Juniper Editor, 1947



E. DWAIN HAACKE  
President, Forestry Club



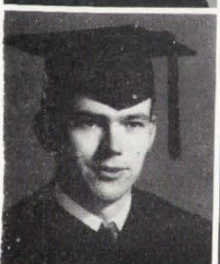
CHARLES RAY HAYES  
Forestry Club  
Pi Kappa Alpha



R. ZEN JENSEN  
Forestry Club  
Xi Sigma Pi  
Pi Kappa Alpha  
Intramural Manager



WENDELL MILLER  
Forestry Club



JACQUES J. PINKARD  
Forestry Club  
Pi Kappa Alpha  
Wrestling Manager

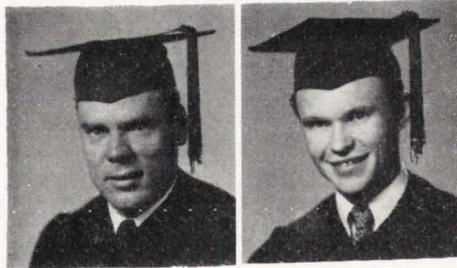


MERRILL J. ROBERTS  
Independents Club  
Juniper Editor, 1944  
Junior Rep. Forestry Club  
Xi Sigma Pi

1947

BURTON W. SILCOCK

Forestry Club  
Xi Sigma Phi  
Alpha Zeta  
Football  
Track



LAURENCE D. WILDE, JR.

Forestry Club  
Chairman, Paul's Party  
Foresters Club

LUTHER S. WINSOR

Senior Representative Forester  
Club  
Forester, Xi Sigma Pi  
Sigma Nu  
Men's Chorus, Opera  
Phi Kappa Phi



CAMERA SHY

DE ALTON T. BROWN

Forestry Club

CHARLES WALLMO

Forestry Club

Xi Sigma Pi

ELWOOD MALONEY

Forestry Club

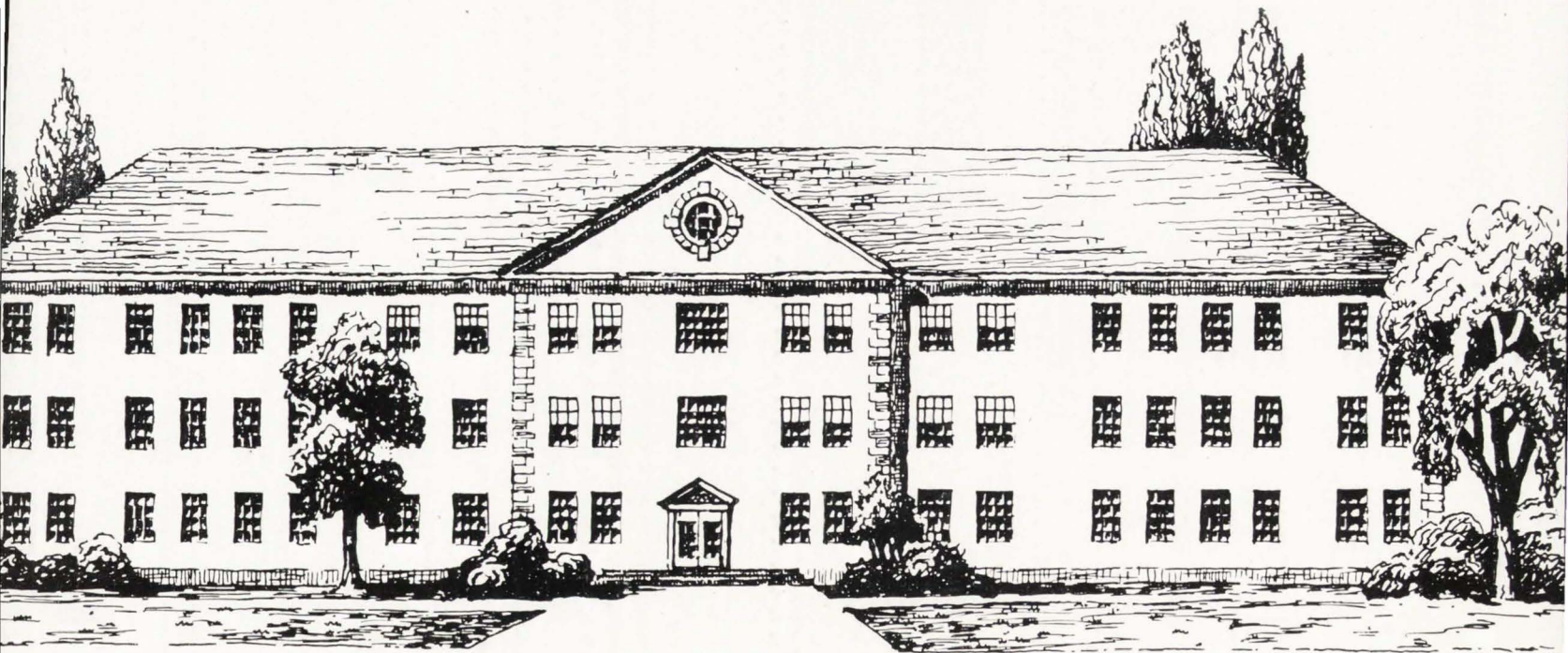
GRANT G. WILLIAMS

Forestry Club

**Graduating with Master's Degree**

CLYDE COOK

Range Management



## PROPOSED AGRICULTURE AND FORESTRY HALL

The Agriculture and Forestry Hall will provide modern laboratories for basic sciences which support agriculture, forestry, and other applied sciences.

## LETTER TO THE ALUMNI

Dear Alumni:

Th old-timers around here like Whitney Floyd, Larry Stoddart and George Kelker tell me that in all respects we are again looking and acting like a School of Forestry; at least it is something like the old days before the war. More nearly, I guess, it resembles the great days of 1937-38 when we had such a large student enrollment. So far we haven't crawled up to the old-time high in enrollment of 1938, but there are indications that we may do so next fall. We registered 384 students last fall and we had a rather large loss, particularly among freshmen, as they did in 1937 and 1938. We still have around 265 students which means a plenty big loss, but we are informed that the same high mortality has been experienced by most forestry schools. It is very likely that we will exceed 450 next fall even though we are making some selection of incoming students.

Naturally, most of our students are ex-G I's. and the veteran professors say that they are a fine bunch of students; obviously they are older and somewhat more serious minded than the usual run of beginning students. I believe that they are not quite as extra-mature, however, as many people predicted they would be; they seem to have the usual difficulties in getting together with themselves and in deciding what they want to do and how to do it. I am sure, however, that there will be some very fine professional men come out of this group.

We had the good fortune to be re-accredited by the Society of American Foresters last September. We are now one of the 21 fully accredited forestry schools. We feel rather hopeful that the general situation has improved in such a manner that we will remain on the accredited list. The Administration and Board of Trustees are giving us very fine backing and there is every indication of continued success.

Evidence of our improved status is that an Agriculture-Forestry building will be the first new building to be constructed in this post-war period. This is a commitment of the Administration and Board of Trustees, and, of course, the whole matter hinges on the development and finances of the state. We are hopeful that construction of the building may be initiated within the year.

We are all watching the employment situation with interest. Presumably, with an economic-minded Congress there may not be a great many new jobs with the federal agencies. We are fortunate, therefore, that we have a relatively small graduating class. In view of this fact, however, we are optimistic that all the men will be placed. The situation next year may not be so favorable unless the Congress is in a more generous frame of mind. Next year, we may have around 30 graduates, and unless the employment situation is considerably better than this year, we may not be able to make as favorable placement of all of our men. It seems to be the opinion of many who are watching the game that the following year, i.e., January of 1949, may bring off the lid again. If, at that time, we have a Republican President with

## THE UTAH JUNIPER

a Republican Congress, the situation as regards the financial welfare of the federal bureaus may be much improved. This, too, will be a fortunate circumstance because at about that time the large graduating classes of forestry schools will appear. However, all of this, particularly this business of trying to predict what will happen two or three years in advance, is wild speculation. Your guess is as good as anyone's.

The alumni banquet in Salt Lake during the meeting of the Society last fall was one of the most gratifying affairs I have attended since I have been associated with the school. I sincerely hope that occasions of this kind may be repeated. We are particularly grateful for your continued interest in the school and your contributions to the alumni group. As usual, we sincerely hope that you will continue to keep in touch with us. Your affairs remain one of our chief interests and certainly your old classmates and associates will be glad to hear about you. If you learn of any of our graduates who have not received the Juniper, urge them to write us and we will see that they get one.

Our best wishes for your continued happiness and success.

Sincerely yours,

LEWIS M. TURNER, *Dean.*



### Class of 1930

FAUSETT, ADELBERT, U. S.  
Forest Service, Bishop, Cal.

*"Associate Range Examiner."*

HANSEN, J. DELOY, 1029 29th  
St., Ogden, Utah.

*"Conservationist, Intermountain  
Forest and Range Experiment  
Station, Ogden."*

### Class of 1931

BENTLEY, VALENTINE, U. S.  
Engineers, Provo, Utah.

*"Junior Engineering Aid."*

CLIFF, EDWARD P., Assistant  
Regional Forester, U. S. For-  
est Service, Ogden, Utah.  
*"Range Management."*

HANSEN, W. L., Regional Office,  
U. S. Forest Service, Ogden,  
Utah.  
*"Watershed Management."*

STARR, C. P., Soil Conservation  
Service, Salt Lake City, Utah.  
*"District Conservationist."*

SWENSON, MARRINER, Califor-  
nia Experiment Station, San-  
ta Barbara, Cal.  
*"Assistant Forester."*

## THE UTAH JUNIPER

### Class of 1932

- DESPAIN, OWEN, U. S. Forest Service, Moab, Utah.  
*"Serving twelfth year as District Ranger."*
- EARL, DEAN M., Forester, Apache National Forest, Luna, New Mexico.
- JACOBS, JAMES L., Fish Lake National Forest, Richfield, Utah.  
*"Assistant Forest Supervisor."*
- SCHOTT, DALE, 330 North Hermosa, Albuquerque, New Mexico.  
*"Regional Technician, Soil Conservation Service."*

- STEED, ALVIN, "MIKE", 409 North Carlisle, Albuquerque, New Mexico.  
*"Range Conservationist, Soil Conservation Service."*

- JULANDER, ODELL, Intermountain Forest and Range Experiment Station, Ogden, Utah.  
*"Forest Ecologist."*

### Class of 1933

- ASTLE, WALTER, Uinta National Forest, Duchesne, Utah.  
*"Forest Ranger."*

- FONNESBECK, FRANK O., 2300 South 20th East, Salt Lake City, Utah.  
*"Design Engineer, Utah State Road Commission."*

- JOHNSON, W. M., Rocky Mountain Experiment Station, Manitou, Colorado.  
*"Assistant Forest Ecologist."*

- MICHAELS, C. C., 1029 5th Avenue, Stafford, Arizona.

- THORNOCK, CLARENCE, U. S. Forest Service, Grand Junction, Colorado.  
*"Assistant Forest Supervisor."*

### Class of 1934

- ANDERSON, R. CLARK, Box 1433, Ogden, Utah.  
*"Forest Ranger, U. S. Forest Service."*

- CARLSON, LELAND, Dixie National Forest, Cedar City, Utah.  
*"Forester."*

- COSTLEY, R. J., Wildlife Management, U. S. Forest Service, Washington, D. C.

- SILL, MILTON C., Challis National Forest, May, Idaho.  
*"Forest Ranger, on Pahsimeroi District."*

- VAN BUREN, GORDON, U. S. Forest Service, Buena Vista, Colorado.  
*"Forest Ranger."*

### Class of 1935

- BEAN, RUSSELL, P. O. Box 1095, Las Vegas, Nevada.  
*"Engineer with Union Pacific Railroad."*

- CRANE, BASIL K., U. S. Forest Service, Austin, Nevada.  
*"Forest Ranger."*

- CROWL, JOHN M., Ouachita National Forest, Hot Springs, Arkansas.  
*"Forester."*

- GUNDERSON, ARDEN, U. S. Forest Service, Missoula, Montana.  
*"Staff Technician."*

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- BEAN, ROY W., 215 East Jefferson, Boise, Idaho.  
"Idaho State Tax Commission."
- BERNHARDT, JOHN T., 182 West 4th South, Logan, Utah.
- BOYLE, ELMER P., 467 Boulevard, Logan Utah.  
"U. S. Forest Service."
- BURT, JOHN, B.45 Capitol Bldg., Salt Lake City, Utah.  
"State Board of Forestry and Fire Control."
- CAREY, ROBERT R., General Delivery, Santa Rosa, Cal.
- COLTON, LAWRENCE, U. S. Forest Service, Hanna, Utah.  
"Forest Ranger."
- CORAY, MAX S., 110 Sage, Kemmerer, Wyoming.  
"Soil Conservation Service."
- GAUFIN, D. M., 266 D Street Salt Lake City, Utah.  
"Utah Fish and Game Commission."
- GRACE, HARRY D., 918 Henrhan Avenue, Porterville, Cal.  
"Fire control staff officer on Superior National Forest."
- GREEN, LISLE R., USAC, Logan, Utah.  
"Graduate assistant, Department of Range Management."
- HERMANSEN, BURL W., Salt Lake City, Utah.  
"Soil Conservation Service."
- HINER, HAROLD, 62 West Cambridge, Phoenix, Arizona.  
"Insurance Business."
- HOWARD, PAUL J., Denver, Colorado.  
"Photographic business."
- JENKINS, PAUL, Box 131, Briggsdale, Colorado.  
"Project Conservationist."
- JENSEN, NED L., 839 Mendon Court, Salt Lake City, Utah.
- KING, JAMES E., Box 333 University Station, Moscow, Idaho.  
"Plans to get M.S. in June 1947 from University of Idaho: graduate fellow."
- KOWALLIS, REINHART, Box 228, RFD No. 3, Ogden Utah  
"Police force."
- KRUSE, EARL GLEASON, Kiowa, Colorado.  
"When released from army in Jan., '46, bought interest in The Elbert County Abstract and Title Co., Kiowa, Colorado."
- LASSEN, ROBERT W., Box 413, Auburn, Cal.  
"Game Management aid for Cal. Fish and Game Dept.; working on life history of mountain quail."
- LIPMAN, NATHAN, 521 North Washington Ave., Dunellen, New Jersey.
- MELDRUM, CLARENCE R., Deceased.
- MITCHELL, ALBERT W. SR., Star Route, Payette, Idaho.  
"Farmer—sugar beets and hay."
- MURRAY, WILLIAM E., Intermountain Forest and Range Experiment Station, Ogden, Utah.
- PERKINS, RAY W., Blanding, Utah.  
"Livestock business."
- PHILLIPS, FRED L., Salmon, Idaho.
- RALPH, SIDNEY B., 75 West 4th North, Logan, Utah.
- RAMELLI, LLOYD R., Malheur National Wildlife Refuge, Box 113, Burns, Oregon.  
"Refuge Manager."
- RUDOLPH, VICTOR J., School of Forestry, Duke University, Durham, North Carolina.



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SKIDMORE, HENRY J., 195  
East 4th North, Logan, Utah.

SMITH, B. C., University of  
California, Berkeley, Cal.  
"Graduate work in plant  
breeding."

SPEAKMAN, DANIEL VAUGHN,  
Fillmore, Utah.

TRUDEN, ANDRE B., Box 65,  
Marfa, Texas.  
"Range Conservationist, Soil  
Conservation Service."

TUCKER, JOHN PHILLIP, U. S.  
Forest Service, Wasatch Na-  
tional Forest, Kamas, Utah.  
"Forester."

WEST, NOLAN, Box 331, Fill-  
more, Utah.  
"Grocer."

WILCOX, G. NEIL, Mt. Pleasant,  
Utah.  
"Soil Conservationist, Soil Con-  
servation Service."

WOODWARD, HARRY R. JR.,  
218 Maiden Ave., Hot Springs  
South Dakota.  
"Assistant State Forester."

Class of 1942

BARNUM, WARREN P., Craw-  
ford Nebraska.

BERGEN LUTHER, 4 North 2nd  
East Brigham City, Utah.

BUSH, ROCHE D., Soil Con-  
servation Service, Montpelier,  
Idaho.

COREY, ROBERT EARL, 1404  
North East Hancock, Portland,  
Oregon.

COOK, WAYNE, Assistant Prof.  
Range Management, USAC, Lo-  
gan, Utah. (M.S.)  
"Range research and teaching."

COX, ELMER C., 850 North 7th  
East, Logan, Utah.

DEDRICKSON, LORIN R., 3529  
West 78th St., Inglewood, Cal.

EVANS, TOM B., Soil Conserva-  
tion Service, Cedar City, Utah.

GATHERUM, JAMES, Soil Con-  
servation Service, Escalante,  
Utah.

"Unit Conservationist."

HALL, MERVIN JOHN, Spring-  
ville, Arizona.

"Livestock business."

HAMPTON, KENNETH RAY,  
Fishhaven, Idaho.

HAMPTON, REX H., Oregon  
State College, Corvallis, Ore-  
gon.

KILLOUGH, JOHN R., 313 West  
Bijon, Colorado Springs, Col-  
orado.

LARSON, WILLARD REED,  
Killed in action.

LATIMER, DAVID A. JR., 64th  
Fighter Wing, APO 62, care  
P.M., New York City, N. Y.

"1st Lt. A.C. in the Occupation  
Army in Germany; plans to  
combine flying with Forest  
Service work after getting out  
of the army; now is personnel  
officer."

LISTON, RUSSELL, RFD, No. 2,  
Box 273, Provo, Utah.

LUSCHER, ARTHUR A., U. S.  
Indian Service, Sellis Agency,  
Sellis, Arizona.

MAJOR, JACK, University of  
California, Berkeley, Cal.  
"Graduate work in soils."

MATHEWS, WILLIAM LEWIS,  
Bureau of Land Management,  
Pocatello, Idaho.

MAW, EDWARD C., Courthouse,  
Dubois, Idaho.

"District Forest Ranger."

McCONNELL, CHARLES B., U.  
S. Forest Service, Winsper,  
Idaho.

"District Ranger."

MsKEAN, WILLIAM T., South  
Dakota Fish and Game Com-  
mission, Box 434, Deadwood,  
South Dakota

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- MERRILL, LEO BROWN, Sonora Experimental Range, Sonora, Texas.  
*"Range research, Texas A. & M. College."*
- NEMANIC, JOSEPH J., 2776 Freeport Blvd., Sacramento, Cal.
- NORRIS, J. J., New Mexico, A. & M. State College.  
*"Teaching Range Management at New Mexico Agricultural College."*
- POZARNISKY, THOMAS H., Custer State Park, Hermosa, South Dakota.  
*"Recently received notice of rating from U. S. Civil Service."*
- REED, JAMES CLARE, Box 246, Rotan, Texas.  
*"Range Conservationist, Soil Conservation Service."*
- ROUSE, BURT FRANK, Targhee National Forest, St. Anthony, Idaho.  
*"Range Examiner; works as Junior Forester on Big Springs District."*
- ROZYNEK, WILLIAM C., 465 Federal Bldg., Salt Lake City, Utah.  
*"Forester, Wasatch National Forest."*
- SMITH, JUSTIN G., Intermountain Forest and Range Experiment Station, Ogden, Utah.  
*"Range Conservationist."*
- STEVENS, ELWIN WRIGHT, U. S. Forest Service, Della, Colorado.  
*"Forest Ranger."*
- STEVENS, WARD EARL, Department of Zoology and Entomology, Iowa State College, Ames, Iowa.  
*"Majors in economic zoology; spent summer on research on a waterfowl problem in northern Iowa."*
- WINTERS, ARTHUR, No record.
- Class of 1943
- ARMSTRONG, HAROLD F., Lt., killed Feb. 27, 1945 in B-29 crash on Tinian.
- AUBERT, LAURENCE, 314 South 1st East, Price, Utah.
- BERNSTEIN, DAVID, Harrisburg National Bank Bldg., Harrisburg, Ill.  
*"Working for Region 9 in Shawnee National Forest in Southern Ill.; doing land acquisition work."*
- BRANGES, ROBERT J., Sequoia National Park, Calif.  
*"Park Ranger"*
- CRYSTAL, MARK HALL, Veterans Agr. Training Program, Divis County School district; Farmington, Utah.
- CUSKELLEY, S. LAWRENCE, U. S. Forest Service, Salmon, Idaho.
- FREEMAN, WYNN GEORGE, USAC, Logan, Utah.  
*"Graduate work in Wildlife Management."*
- FRISCHKNECHT, NEIL C., 402 West 1st North, Manti, Utah.  
*"Range research with Intermountain Forest and Range Experiment Station."*
- GAYNARD, CLIFFORD, 121-07 Linden Blvd., Ozone Park, Long Island, N. Y.
- GIAUQUIE, CLARENCE W., 151 South 10th East, Salt Lake City, Utah.
- GREEN, MAX C., U. S. Forest Service, Castledale, Utah.
- HAAS, B. PHILLIPS, Volga, South Dakota.  
*"Retail Lumberman."*
- HALL, JOHN MARVIN, Box 43, Eagar, Arizona.  
*"Arizona Fish and Game Dept., Private livestock business."*

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HANDLEY, ROBERT W., General Delivery, Kings Canyon National Park, Cal.

*"Works at Redwood Mtn., in the Grant Grove Section; temporary fire protective job; plans to take Junior Biologist job soon."*

IMHOF, CARL FREDERICH, F-1, YMCA, Portland, Oregon.

*"Lumbermen's Industrial Relations Committee, Inc., represents the management of numerous sawmills and logging operations in western Washington and northwestern Oregon labor negotiations with the unions."*

KITCHEN, NORVAL THOMAS, Provo, Utah.

O'TOOLE, JAMES J., USAC General Del., Logan, Utah.

*"Studying Pre-Med."*

ROGERS, LEWIS MAX, Logan, Utah.

SAMOWITZ, MOSES, 654 East 4th North, Logan, Utah.

*"Postman."*

SCHOPPER, FRANCIS JOSEPH, 4208 North Laramie Avenue, Chicago, Ill.

WILLIAM E. SPEED, 104 Preston Avenue, Cranford, N. J.

*"Stationed with army at Sundaï. Japan; attached to Natural Resource Service, Forestry Dept.; He writes the scenery away from war-torn cities is beautiful — like turning back pages of Geographical magazine; does a great deal of hunting deer, pheasant and duck."*

ZINK, FRELL C., Route 1, Boise, Idaho.

Class of 1946

BAIRD, CARL., U. S. Forest Service, Pond's Lake, Idaho.

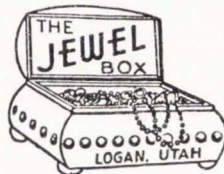
HEARRELL, DAVE, Box 334, Logan, Utah. State Fish and Game Commission.

MAYCOCK, CLYDE, care Mrs. Berry Maycock, 1451 Kensington Avenue, Salt Lake City, Utah.

*"Making home in Sitka, Alaska; recently married in Washington, D. C."*

ROBERTS, KENNETH, on the Ashley Forest at Manila, Utah.

STEVENS, ROLLIN, Northern Rocky Mountain Forest and Range Experiment Station, Missoula, Montana.



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