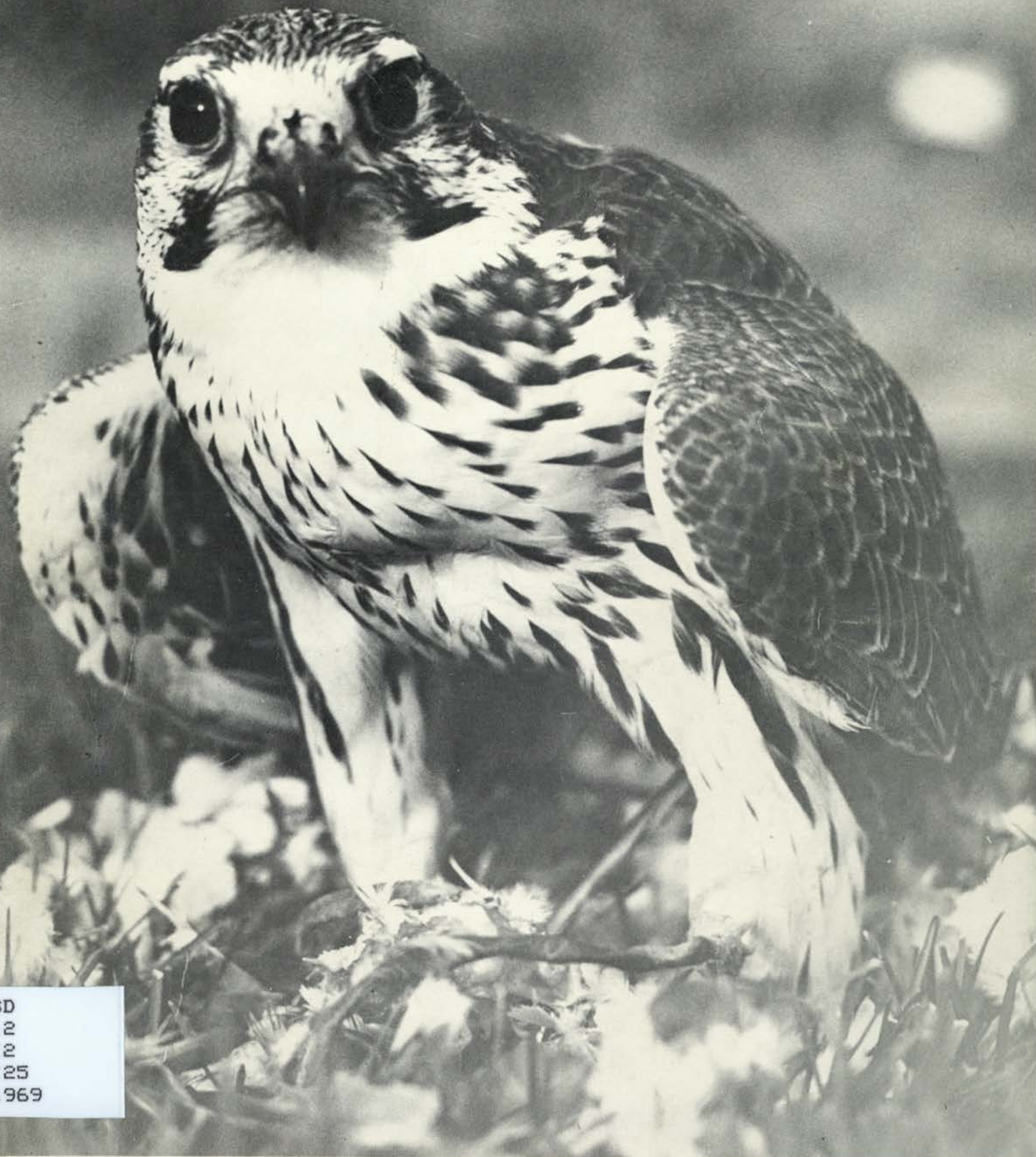


Idaho Forester



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Acknowledgements

We on the Editorial Staff would like to express our cordial thanks to the many people who have helped us in publishing this year's "Idaho Forester." All who took part cannot be named, but they are certainly appreciated.

Particular gratitude must be expressed for the guidance and assistance of the Student Activities Advisory Committee directed by Dr. Alden. Special thanks must be given to Dean Wohletz, and to his secretaries for their patience and understanding, as well as the many extra hours they gave.

And word cannot go passed without sincere thanks to the many alumni for their gifts and contributions; without whose efforts, we could not have represented the College and our Student Body as we set out to do.

As Editor, I would personally like to thank those staff members who worked under me in 1968. In particular, I would like to thank Rick Furness, Advertising Manager; Robert Smith, Business Manager; Dan Upton, Senior Editor; Bob Stratton and Chuck Lorenz.

PHOTOGRAPHS

The front cover photo was contributed by John Seidensticker, a graduate student. He has entitled it, "A Prairie Falcon on a Kill."

The back cover photo and the photo (page 2) of the white fir cones were given to us by courtesy of the Intermountain Forest and Range Experiment Station in Moscow.

Staff Advisors

Technical Advisor	Art Tiedemann	Asst. Professor Range Management
Business Advisor	Elwood Bizeau	Asst. Professor in Wildlife

The Queen and the Queen's Court pictures were taken by Rudy's Studios in Moscow.

Cartoons by Technical Editor, James Z. Sears.



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Editorial

By Dwayne K. Parsons

Despite the increasing emphasis placed by our educational system on the importance of a broader and more diversified understanding of the profession relating to forestry, too many of our students are failing to maintain this status after graduation. The fault is probably not theirs, but due more to the habit cultivated by their specialized jobs. Specialization is important in our technical age, and in fact necessary in some cases. But the truth is paradoxical: too many of our specialists are becoming narrow-minded in respect to their professions.

I am not implying that everyone who graduates with an M.S. or Ph.D. or even a B.S. in Forestry and its related fields accepts a specialized job and consequently becomes narrow-minded. Certainly there are people all over the world who are narrow-minded and there will always be. What I am saying is that to me it "appears" that a large percentage of people who specialize become tunneled in their vision, and that this "appears" to be due in part to their jobs. The point is this. How can these people be prevented from closing their minds? How can they be motivated to try to see the other sides of the picture?

I am not aiming to answer these questions with some new solutions based on human behavior. I am merely using them to justify in part the changes we have made in the **Idaho Forester**.

If you are familiar with this publication, you have already recognized some of the major changes over the last issue. In that case the magazine speaks for itself. If, however, you are not familiar with it, let me explain. For the most part of the last decade, the **Idaho Forester** has been representing itself as an annual, with a few articles included here and there for interest and reading enjoyment. Emphasis was placed primarily on school activities and functions. If you didn't know the people involved, you were simply out of the picture as far as a reader was concerned—unless you liked to read advertisements.

I am not saying that this was wrong; rather, I am saying that our school had advanced past the "old-annual" era and left it dying. I was editor also in 1968 when our publication failed to meet its deadlines. The responsibility was mine, and I lost control. The **Idaho Forester** had found itself short on assistance, funds,

and readers. In an effort to revive the publication—which was almost given up as a lost cause—we made some revisions. This issue is the first product of what we felt should be done.

Now the point I made earlier comes into play. We want in some way to serve as a media which will better link the branching roads of our school. We are not trying to make everybody blood brothers in knowledge; we would rather like to stimulate the effort of our readers to broaden their educated minds. We will go on maintaining our status as an annual, but our emphasis will be placed on becoming a product that represents college men and their ideas.

Here is the picture of what we have done. We have expanded our audience to include alumni and students in all the curricula represented in our school. We have opened the road for student opinion—a direction that I personally hope to see taken more fully in the future. And, we have brought in articles by gentlemen outside our professions. Though these may not represent our points of view, they do give us an idea of how other people are thinking. We have also included several articles by professors and instructors within our school. And though we have no representation in this issue, we are sincerely hoping for contributions by our alumni and other members of our reading audience.

That is how we made our interpretation. But we are only a few people and I am afraid the changes are based more on our feelings than on our knowledge. What we hope to do is stimulate a challenging response from our readers with a full shovel of criticism—both kinds. The criticism we receive will then be the guideline by which we direct the future issues of this publication. We need a sound basis from which to work. We don't want to assume any more.

So, as you read this issue, please keep in mind that it represents a first step. If you think we are lacking in certain areas, please tell us. If you think we are pushing certain items a bit too far, we would like to know about that also. We, and all the students who will work for the **Idaho Forester** in the future, represent you. The best way we can serve our purpose then is to know what you want in a college publication.

Good reading! And I hope to hear from you.

Editorial Staff

Editor in Chief	Dwayne K. Parsons	Wildlife Option
Technical Editor	James Z. Sears	Forest Management
News Editor	Thomas B. Miller	Wildlife Option
Business Manager	Martin B. Thompson	Forest Management

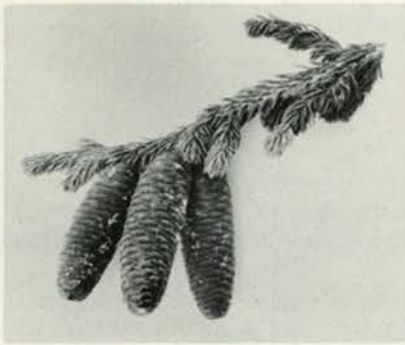


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He's planting a medal on a forester's chest

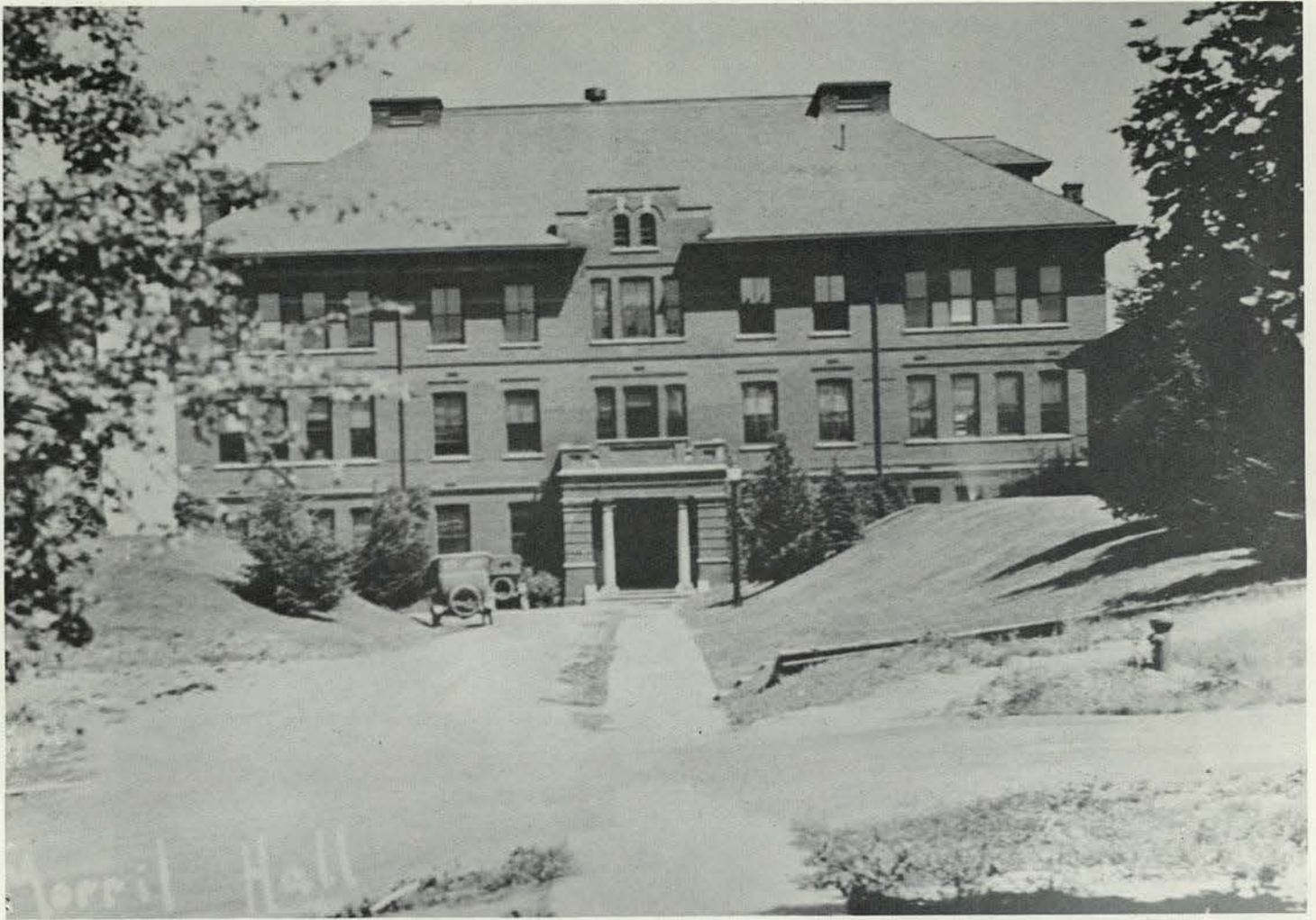
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The New Forestry Building

Morrill Hall, our present Forestry building, was constructed in 1906. It cost \$50,000 and was designed to meet the needs of the College of Agriculture at that time. With today's advancing educational systems, the building has become extremely outdated. It now fails drastically to allow the efficient operation of the growing variety of disciplines within the school. The building is simply outmoded in permitting the adoption of newer methodologies and techniques of education.

The new building will house both the College of Forestry, Wildlife and Range Sciences, and the Forest, Wildlife, and Range Experiment Station. It will be constructed north of Willis Sweet Hall in the area formerly occupied by the old Campus and Idaho clubs, now the Navy ROTC center. Consisting of three floors, it will have 61047 sq. ft. of usable space. Approximate-

ly 40% will be used for undergraduate work, with the remaining 60% for graduate research and training.

Construction is scheduled to start in July 1969 and should be completed by July 1971. The design includes special seminar rooms, special graduate research laboratories, self-learning centers, computer-aided instruction, space for adequate visual and sound-aid, as well as an educational environment which will permit more individualized study.

The disciplines involved in the building layout may be broadly classified as: forest resource management, forest business management, range management, wildlife management, fisheries management, outdoor recreation, watershed management, and wood science technology.

—Professor Pitkin



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Forestry Graduates

The Public's Business

By Bill Hall

Bill Hall, Editor of the "LEWISTON TRIBUNE," was asked in 1968 to present his ideas on the importance of Public Relations. In answer to our request, he gave us the following article. We think you will find it a very highly subjective and lively style. We hope you find it enjoyable too.—Ed.

In any management system the public can be an unreasonable and frightening beast. Its moods often can be ugly, and if left without the information it craves, it can be dangerous. On the other hand, if fed with liberal amounts of well-founded information, it can be calmed and even domesticated.

Most public officials, whether elected, appointed, or employed under a merit system, become exasperated with the public they serve. The experience is probably most common among the specialists who are retained to serve as advisors to the public in technical areas, for they frequently find that the public ignores their advice and sometimes even fights it.

A prime example in Idaho is that of the ecologist, biologist, or other resource manager employed to preside over resources so highly valued by the avid outdoorsmen. These professionals feel, and with justification, that they know more about resource management (whether fish and game, watershed, or what) than the laymen they serve. Consequently, they are astonished when the public and elected officials of the public sometimes ignore their advice, and even have the audacity to pit a layman's knowledge against that of their own.

In my experience as a newsman, serving as a link between the people and their government, I have found that such misunderstandings are more often the fault of the government than of the people. When people begin making ignorant criticisms of professional work, it generally means they are poorly informed. They don't understand—someone has failed to communicate.

It is the duty of specialists, especially in government, to make their employers (the people) understand. There is too much of a snobbish tendency among today's specialists to jump to the conclusion that the laymen will never understand the complex subjects with which he deals. And that, a dangerous and erroneous assumption, is a conclusion that people are generally stupid.

It may be true that the general public does not have the attention span to grasp the intricacies of, for instance, game management. It seems they may never care or fully appreciate how much salt an elk requires. But the public can recognize and appreciate the broad concepts of management that the professional is trying to achieve. At least they can, if someone takes the trouble to explain it to them.

As a theoretical example, the Idaho Fish and Game Department serves well. It appears to me that they are a cut above the average in going out of their way to communicate with the people they serve. And as a result, they are generally well accepted by the bulk of the Idaho electorate. That is not only because they are performing well, but also because they keep in touch with the people by explaining to them how they are trying to serve.

Foresters and others who serve the public would be well advised to follow the same practice. That is, if they want to keep out of trouble. At least in my experience, it is the public official who doesn't keep in touch with the people who gets his tail in the wringer most often.

It should be mentioned, however, that even if keeping the public well informed were not the best method of keeping the public docile—and it is—it should still be kept informed. The business of any public functionary, specialist or not, is the public's business. Anyone who doesn't agree doesn't belong in and would not relish public employment.

Suffice to say that if a specialist is performing adequately and lets the people know what he is doing, he should have no real reason to fear the public. However, that doesn't mean he won't receive any criticism, for that is an occupational hazard—in any profession. But those who keep in touch will find that they have defenders as well as the inevitable detractors.

Again, using the Fish and Game Department as an example, you may remember what happened in Idaho in 1967. A prominent elected official, himself a sportsman, pitted his judgment against a game management specialist. But that one ill-informed individual, even though highly placed, did not get far with his criticism. The Fish and Game Department had kept in touch with the people; so that many sportsmen, who had been paying attention, rose to the defense of the game manager.

The same holds true for a forester or any other specialist in the public employ. If he levels with his employers, the people, and arms them with information concerning his policies, he will find that the public is made up of friends as well as enemies.

It pays to know how to communicate, but it pays even more to make sure that you do communicate. The one who believes that the public's business is none of the public's business, is likely to find himself up a tree.

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The Multiple Uses Of Sawlog Forestry

By

JAMES CALVERT

Chairman, Northern Rockies Group of the Sierra Club

Conservation and Timber Management become highly controversial subjects when the public is concerned. Dr. Calvert, of the Math Department, has presented here, one side of the issue. Though his ideas do not necessarily represent ours, we like to see what other people have to say, too.—Ed.

What have we done to our incomparable country? Lewis and Clark wrote of the great hinterland of the continent as "lush and beautiful beyond compare. Old saw-loggers reminisce of the massive fire trees—some of them fifteen feet in diameter—that blanketed the nation from Maine to the Dakotas, of fragrant cedar swamps "black and tangled as jungles," of the endless oceans of white pine that cloaked Wisconsin, Minnesota, and Michigan, and of the red Norways that "rose like masts along the shores of thousands of crystalline lakes." ¹Now we travel mile after mile across the entire expanse of the nation and until we reach the feverish lumber centers of the Northwest almost nothing greets the eye but scrub brush and spindling fourth-growth that never seems to grow any higher.

What would be the values today of a few "museum pieces" of what the country was like along these barren, interminable highways? The fringe remnants of our primitive forests attract millions annually to our National Parks and National Forest Wilderness areas. How could one possibly measure the value that a few examples of wilderness in the heart of the agricultural midwest or the urban east would have today? How could one possibly compare the aesthetic value of a few remnants of spectacular beauty to the economic value of their one time harvest.

We have, of course, progressed far since that day of the robber-barons. But how far? The National Forest System—and its bible, the Sustained Yield and Multiple Use Act—is supposed to manage the forests for the perpetual use and the enjoyment of the American people. They are not beyond their first harvest on most of their lands, and already the deterioration is evident. Vast quantities of humus and soil have eroded away or been burned; humus that took thous-

ands of years to accumulate and will never again return under the managing hand of man. How many crops can we clearcut and plant on the same land with the harvesting practices of today? How much fertilizer will the future crops require? There has been no sustained yield management. There has been only subservience to the American tradition of the fast buck and to hell with the consequences. The ecological and economic disaster is plainly evident to anyone willing to venture outside of the trade school atmosphere of the Forestry Colleges.

Tagged on the end of the list of multiple uses is the watershed value of forested land. It is like an afterthought and really considered to be just another side benefit. It is, in fact, the most economically valuable of all the multiple uses. It is so very valuable to the near future of our country that it is not economically justifiable to lob any high country in a way which substantially reduces its water holding capacity.² And almost any logging operation very substantially eliminates the water holding capacity of the forested land. Bulldozing and burning destroy the humus and clearcutting removes the cover. The result is dry streams in the summer and flooding torrents in the spring. Flooding today where there was never flooding before endangers and disrupts lives and causes soil and structural damage which alone comes close to exceeding in cost the profits of high country logging. And of course the profits do not go to pay the costs. The people pay for everything and even lose the benefits of enjoying the high country wilderness. The limiting factor in our economic growth—the peak of the Gross National Product—will be determined by the availability of usable, potable water far more than lumber. We have just about damned our last rivers with dams and we have found good reason

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Recreation is usually listed quite near the top of the multiple uses—no doubt because of its popularity. Mostly, on the National Forests, recreation is expected to go along with the other uses. Sounds good; how has it worked out? The roads have surely opened the country for our chosen transportation. There is only one place on all the National Forest land that is more than ten miles from a road. The campers and campgrounds are not too bad. Of course, they are mostly along dusty logging roads and the howling trucks do somewhat jangle the nerves day and night, but they are usually pretty small and uncrowded. People are not so fortunate in California where the camps commonly run to 200 units and the resultant bedlam makes suburbia seem peaceful. How long and how many babies before we all relax like that all the time? This sort of public mass recreation is a poor substitute for a wilderness experience. Lamppost-size trees, noisy trucks, crowded campgrounds, rechanneled streams, and automobile touring will satisfy some of the outdoor recreational cravings of some of the people some of the time. They will satisfy very few always. Real wild country—to visit even a few times in a lifetime or just to know it's there—could be gone in five years. We really could use it up that fast. Even the dedicated areas are in danger—in planned peril. What an antiseptic world when the crushing hand of man has laid on it all.

The timber industry and the building industry press hard to cut deep in the public forests. They cry for more timber to maintain the economic growth of the nation and the soaring GNP. They claim that shortages of lumber are driving the price out of reach. They sell logs to Japan. They research into new uses for timber products. They advertise copiously to goad on the consumptive demand. They label and package and then package again until the pile of garbage threatens to bury us all. They lobby HUD into claiming that the future materials in home construction will be all wood—that people do not really like the possible substitutes. They waste fiber rather than cut into their profits a little to make chip products. They are out to make a buck while it lasts. As long as trees are standing that cost no investment to grow and can be bought at a price lower than their replacement cost, the laws of economics do not apply. Supply and demand do not alone set the cost and there lies the opportunity for inflated profit. When the windfall of primeval forest is at last used up, the forester will become a farmer. The land will be so intensively managed for crops that the multiple use concept will be a joke.

If this land belonged to the forester and not to the ages, it wouldn't be so bad. If there were an automatic replacement in kind so that the next generation of sawlog foresters could repeat the same errors on the same land, it wouldn't be so bad. If the quality of water and soil were not severely impaired, it wouldn't be so bad. If ravages were committed on lesser gentler slopes which have to go commercial instead of being rushed up to the high country to preclude good wilderness designation for the future, it wouldn't be so bad. But none of the ifs work and it

is bad—for the mined soil and the dead wilderness.

We all have an obligation: to let others know just how shallow the sawlog foresters love for the land really is; to insist that he be relieved of the responsibility of guarding it unless he changes his ways. The trend is already away from the multiple use idea. It may be necessary to zone all the land for wilderness or for tree farming and other destructive uses. The forester has not yet lived up to his image as a manager and may have to be treated as a farmer. You have an obligation to let it be known that you yourself would gladly use second growth timber products or substitutes for wood, even at higher cost, rather than see outstanding primeval forests given over to logging.

A Gallop poll conducted in January, 1969 indicates how the American people feel about all of this. Fifty one percent said they were deeply concerned about air and water pollution, soil erosion and wildlife destruction. Thirty five percent said they were somewhat concerned and twelve percent said they are not very concerned. When asked to put their money where their mouth is, 75% said they were willing to pay additional taxes for conservation. Also, 75% said that more land should be set aside for conservation purposes. And 60% said they would be willing to serve on committees with conservation concern. Watch the Sierra Club grow. The people want it so.

In his disquieting way, David Brower, past executive director of the Sierra Club once said. "Man can safely assume that for all his shortcomings, he is bright enough to carry on his civilization on the 95% or so of the land he has already disrupted. He is wise enough to realize that he will not have a bright land, nor really serve himself well, if he hurries to disrupt that last five percent on the pretext that progress will otherwise cease. It won't. It will cease, however, if we cannot be kind enough to tomorrow's men to leave them, in big wilderness, a chance to seek answers to questions we have not yet learned how to ask." How audacious can man be to everywhere forever alter nature.

1. For a documentation of the deteriorating quality of the American environment, see: "Moment in the Sun, Robert and Leona Train Rienow, Dial Press, 1967.
2. Report No. 29 of the Select Committee on National Water Resources, 87th Congress. See also: Biotechnology: A new approach to water problems, pamphlet, Moraga (Calif.), 1964.

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The National Park Myth

By Martin B. Thompson

Student opinion can be an important asset to a college publication. In the following article, Martin Thompson, a sophomore, carries the point well in presenting his views on Conservation and Timber Management.—Ed.

Conservation, and I use this term with reservation, to the average American is synonymous with preservation. Preservation may be defined for our purposes here as the uncompromising view that a forest has a single value, which is solely aesthetic. In the following discussion I will examine two adopted park proposals for the purpose of demonstrating that national park designation is not inherently righteous. Contrary to public feeling, national park status may well be a harbinger of present and future misuse.

The North Cascades National Park was proposed in March 1968. The total area under consideration in the proposal was some seven million acres, six million of which were in public ownership. It was composed chiefly of national forest land, Mount Rainier National Park, and some small private holdings.

The proponents of the park argued that a national park was necessary to save the area from despoliation. Focusing on the intent of the proponents, George R. Staebler from the Weyerhaeuser Company said,

They wanted the permanence of boundary and intent stemming from congressional designation. The Wilderness Act gave the proponents the thing for which they fought so hard and long. . .

I find it strange that those who wanted wilderness legislation in part to protect the North Cascades, now want national park designation for the same reason: to give greater and more assured permanence to the boundaries.¹

During sixty years of management the Forest Service had accomplished a great deal in the North Cascades. They had managed most of the area as wilderness and developed an extensive fire control and detection system. In many areas shelters and campgrounds were constructed. The Forest Service cooperated in the regulation of hunting and fishing, construction of roads, and recreational planning and development. They developed scenic areas such as Cascade Pass, Ruby Creek and Monte Cristo solely for aesthetic enjoyment.

The proponents of the Park point an accusing finger at the presence of clear-cuts on Forest Service land. However, they ignore the fact that clear-cutting is an essential silvicultural practice for this area and usually results in ample reproduction. The fact that the park area has little or no commercial timber value is also ignored. The cuttings they do see in this area are primarily salvage of timber damaged by fire, insect, or disease.

It would seem that the so-called damage done by the Forest Service is insignificant compared to the impending damage to wildlife. Upon establishing a National Park, we are perhaps creating an enormous risk similar to the damage done to wildlife in Yellowstone. The area established as a National Park will

be closed to hunting; overpopulation and range damage may result.

In conjunction with the North Cascades Park, Congress adopted a Redwoods National Park. The Park comprises some fifty-eight thousand acres, half of which was state park land, and half private timber holdings.

The proponents of this park believe that they are preserving a disappearing forest type, *Sequoia sempervirens*, or California Redwood. The California Redwood is far from disappearing. Redwood silviculture today is a field of intense activity, both in research and application. Redwoods show an amazing growth-rate; some second-growth stump sprouts are measuring four to five feet in diameter at ninety years. Most areas in redwood forests are clear-cut mainly because of the character of the stand itself. Other cutting practices, such as the shelterwood method, have definite adverse effects on mature stands which often result in massive blow-downs.

In some areas the annual cut is substantially larger than the annual growth. Contrary to public thought, this is in many cases not a drain on timber supply, but standard silvicultural procedure in mature

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¹ George R. Staebler, "IV Random Thoughts on Forestry, Human Values, and the North Cascades," *Journal of Forestry*, vol. 66 (July 1968), p. 539.

. . . *Park Myth*

stands. This is standard practice in mature stands where growth is proportionately slow compared to stands in young-growth condition.

The public soon must realize that forests are indeed a resource. In addition to the obvious supplying of forest products, resources such as minerals, fish, game, water, recreation, and scenic values are also provided.

It has been demonstrated in the North Cascades area that Forest Service had incorporated these concepts of resource management and future plans of even greater diversity. The opinion that we are using up most of our forest resources is pure nonsense. The Executive Director of the National Wildlife Federation said, "the often-repeated and widely publicized-warning that the last redwood might soon be cut down was bunk."² We might better endow future generations with multiple use instead of single use. Multiple or dominant use involves the allocation of the many resources for their maximum values.

Perhaps the misunderstanding between the resource manager and the public lies in the absence of effective communication. Many small preservation organizations reach tremendous numbers of the public and appeal especially to the urbanite. Professional forestry and its organizations must develop effective public relations. There is a great need to teach the public the true meaning of resource management. By teaching them, we will make more able decision makers.

It is obvious that at present this has not been the case. The public has been unaware of the fact that resource management entails aesthetic values as well as economic values. It is apparent that we must preserve and protect as well as develop our resources. Forestry has come of age in America. Forest management should be put in the hands of trained land managers!

² Thomas L. Kimball, "The Ten Toughest Questions," National Wildlife, October-November 1968, p. 4.

The Jack Pine

While of minor economic importance, the short-lived, often misshapen jack pine is of considerable interest ecologically. Unable to compete with more vigorous trees, it often occupies areas of poor soils in our northeastern tier of states and throughout much of Canada. The tree's peculiar outward-turning, long-persistent cones may remain closed for many years, until fire causes them to open. The seeds released soon after will provide a nurse crop of jack pine trees, a first step in forest succession on burned-over lands. One of the rarest of North American birds, the Kirtland's warbler, is dependent on young jack pine stands for its nesting habitat. In certain parts of Michigan's lower peninsula, wildlife managers are perpetuating the availability of proper-aged jack pine stands through controlled burning. Only thus, it would appear, can the Kirtland's warbler be saved from extinction.

Courtesy of THE MORTON ARBORETUM QUARTERLY published quarterly by The Morton Arboretum, Lisle, Illinois.

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Private Industry

By Carl A. Jones

As vice-president of B. J. Carney and Company in Spokane, Mr. Jones has undertaken the difficult task of giving advice for careers in private industry. His article is timely, as he handles it exceptionally well. We know you will enjoy it, but we hope you will profit too.—Ed.

Originally, I was asked to discuss career opportunities for the forester in private industry. I accepted Mr. Dwayne Parson's cordial invitation with all sincerity and good intentions and then I suddenly changed my mind on the content of this article. Why list and discuss the various opportunities in industry? A postcard to the Society of American Foresters at the Mills Building in Washington, D. C. will bring a complete list of careers and reams of supporting propaganda or your own school advisor can offer an up to date, unbiased rundown of the hundreds of opportunities offered by private industry. I believe I can be of greater service to you gentlemen if I discuss my ideas and personal beliefs on how to prepare yourselves for industry and what it takes to survive and prosper once you have accepted a career in private industry. Therefore, I'll get on my soapbox and begin.

If you thrive on being an innovator rather than a staunch conformist, opportunities in private industry far outdistance those offered by government agencies. The material and personal rewards are governed by your personal drive, imagination, and a sincere desire to excel in your chosen field not by your years of faithful, obedient service. But heed my warning, the ways of industry are harsh and often impersonal for those who fail to give 110 per cent at all times. You must agree this is not a conducive climate for those searching for sincere security and a pension in 30 years.

A company or corporation is controlled by stock holders through a board of directors. These stockholders expect and deserve the greatest possible return on their invested dollars. Maximum profit is not possible unless each and every employee of the firm, from top management to the lowest paid worker, is functioning at peak efficiency. This simple premise has a tendency to weed out the laggards who do not meet the high standards essential to the operation of a well managed, profitable company.

How does a forestry student prepare himself for a long rewarding career in industry? Those who claim to have all the answers to this question should be avoided for there are no pat answers to this complex problem. I personally believe the majority of our forestry schools do not prepare their students to meet the long range career demands of private industry. A graduate of an accredited forestry school is well qualified to meet the basic professional demands placed on him. When he first begins his career he is able to mark trees, lay out logging roads, run lines, etc. Knowledge obtained in school serves him well, but after a few years the void in his education begins to appear. He suddenly awakens to the fact he should have received a heavy dose of business courses. Without knowledge of the ways of business, many foresters find themselves not receiving promotions to positions of greater responsibility and financial reward. The forester without business training finds he is not

meeting the standards of industry so he reaches a career plateau at an early age. Some accept this fate passively and continue to serve until replaced by a more qualified person or are retired; but, for those of you who wish to reap the ultimate benefits of a career in private industry I strongly urge that you continue your education and take courses in GENERAL ACCOUNTING, COST ACCOUNTING, MARKETING, FINANCIAL MANAGEMENT and BUSINESS MANAGEMENT. This additional education will better prepare you for a fulfilling rewarding career in private industry.

I will now step down from my soap box and wish you gentlemen the best of luck in whatever field you may choose after graduation.



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In working on the 1968 "IDAHO FORESTER," my staff and I ran into many and varied problems, due in part to the incomplete files at our hand. Rick Furniss, who was then the Advertising Manager, had hired some outside typing in an effort to save time. A few weeks later, he received the following letter. With his gracious permission, we have printed it in hopes that you may profit by it as much as we have.—Ed.

February 13, 1968

Mr. Rick Furniss
Advertising Manager
The Idaho Forester
University of Idaho
Moscow, Idaho

Dear Rick:

Your letter concerning the current edition of the "Idaho Forester" and your request for financial support in the form of an ad came today.

The letter is being given to Mr. James C. Wallace, publisher of FOREST INDUSTRIES and the one who has the say-so on this kind of request. If it appears possible that he can see the way clear to lend support this year, you will hear from him.

Meanwhile, I am sending this letter to you as a constructive suggestion to help enhance your business approach. Specifically, I am calling attention to a bad public relations situation . . . your letter itself.

I may be a bit presumptuous, but I suspect that our magazine is available in your forestry school library and that you know its name: FOREST INDUSTRIES. And if it is there, you can check the masthead for the precise information you seek. By this, I mean that you have addressed your letter to The Timberman, at 519 S. W. Park Avenue, Portland. The Timberman has not existed as a magazine since 1962! That, and The Lumberman, ceased to exist then. In July 1962, FOREST INDUSTRIES was created. Further, the Park Avenue address has not been the correct one in more than eight years!

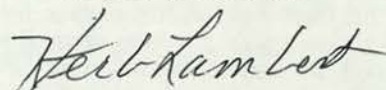
I don't know the source of your information, for you surely cannot be using just an old copy of the magazine (The Timberman) as a random reference. It simply isn't good business nor good public relations to suggest that you are so far behind the times or so negligent.

The other point I wish to make is that, if you are unsure of your own spelling or letter writing ability, have the school secretary check it for you. I realize you are doing your own typing and that this is a project of the publication itself, but you should be concerned enough to make the letter businesslike . . . inasmuch as you are doing business and asking for money.

Specifically, I am referring to typographical errors and mis-spellings. You listed among the recipients of the IDAHO FORESTER . . . "slumnae." I realize you meant alumnae, but that is wrong (unless you are referring only to women graduates of your forestry school). The word is "alumni." I also draw your attention to "Collgeg" of Forestry.

This may seem a harsh letter, but that is not its intent. The intent of it is to be helpful to you and others responsible for enlisting financial support of the "Idaho Forester" and other projects. And finally, but far from least, when you get out of school and are required, as a forester, to prepare written requests for funds from your company principals, or write justification statements for projects or funds, or write reports of your activities . . . they should be correct . . . to reflect creditably on you. If I didn't believe sincerely that these things are and will be important to you in the future, I'd simply have handed your letter over to Mr. Wallace with no comment.

Cordially,
FOREST INDUSTRIES



Herbert G. Lambert
Editor

HGL/bab

Trees

Victims of Air Pollutants

By Edward P. Cliff
Chief of Forest Service
United State Department of Agriculture

Air pollution is becoming an increasingly important subject in all natural resource programs. The following article is reprinted by permission of the Belle W. Baruch Foundation in whose magazine, Conservation "CATALYST," it first appeared (Vol. II, No. 2). We hope you will profit by the information.—Ed.

Man is now capable of damaging or destroying life through his use of the atmosphere. He can do it quickly with an atomic device or slowly by continuing to pour the waste from his industrial wizardry into the already polluted air. Indeed, air pollution has reached such levels as to result in the death of many persons, in a shortened life for others, and in economic damage measurable in millions of dollars.

Now we are becoming increasingly aware of yet another victim of air pollutants our invaluable trees and forests.

Dramatic Past Havoc Was Warning

We had an inkling of what lay in store for us through some damaging experiences of the past. After the Civil War, for instance, a large copper smelting plant was set up in the Copper Basin of Tennessee. Its operations contributed to the country's economic progress at that time, but it virtually destroyed the surrounding area. Sulphur dioxide fumes drove off the abundant wildlife, killed the trees and other vegetation, and stripped the landscape of the natural values that once made it attractive. In all, 17,000 acres were made virtually barren and 30,000 acres of timberland were damaged. Much of this originally forested mountain land is still barren and gullied as base soil is steadily washed into the streams below.

Evidence of timber damage around ore smelters emitting sulphur dioxide appeared from time to time in various parts of this country and in Canada. Eventually, ore reduction plants, and acute cases of local air pollution became less common.

Process Now Slower, More Insidious

Today, the damage wrought by air pollution does not descend on forest and shade trees with dramatic thoroughness as it once did in the days of unrestricted smelter operations. The process is slower, more chronic, and more insidious.

Sulphur dioxide is still one of the principal air pollutants, much of it coming from huge power plants that burn soft coal and high sulphur oil. The action of sunlight on oxides of nitrogen and automobile exhaust gasses—known to us as photochemical smog formation—produces ozone and peroxyacetyl nitrate (PAN), substances which also have toxic effects on tree foliage in low concentrations. The complex gas mixtures released from smokestacks in connection with many of today's industrial processes can also injure or kill trees and shrubs downwind from the stacks.

Examples of Damage

The damage to trees and tree crops, from various forms of air pollution, hits all sections of the country and is a matter of national concern.

Smog in the Los Angeles area is contributing to the slow decline of citrus groves south of the city. It

is also damaging pine and other trees in the San Bernardino National Forest, 50 miles from the city.

Fluorine and sulphur oxides, released into the air in connection with the mining and processing of phosphate rock for fertilizer in Florida, are reported to have damaged large numbers of pines and a considerable citrus acreage in the vicinity of these industries.

Stack gas emissions from a large industrial complex on the Cumberland Plateau of Tennessee have been found responsible for the death of many white pine scattered over thousands of acres.

An oxidant in the air has proved to be the cause of the common white pine needle blight in the East, known as "emergence tipburn."

Air pollution is strongly suspected as the cause of a white pine disease in the Northeast, Central and Lake States, observed for many years and referred to as chlorotic dwarf. It stunts the growth of affected trees to a degree that makes them worthless.

Damage to trees in the Southeast has been traced to chlorine leaks, a burning city dump, fumes from a trash burner, and auto exhaust.

About a decade ago, the Forest Service of the U. S. Department of Agriculture recognized air pollution as a suspected agent behind the decline of white pine on the Cumberland Plateau in Tennessee. It was only after five years of investigations and the elimination that the source of the problem was established. It turned out to be the gas emissions from smokestacks at a nearby industrial complex.

At the same time, and independent of the study in Tennessee, Forest Service researchers in California began to study the mysterious "X disease" that was affecting pine trees on several thousand acres in the Arrowhead-Crestline section of the San Bernardino National Forest. This is an area that has many uses including timber production and recreation facilities that attract over 4 million visitors each year. It also has vital watershed values.

Research on the action of ozone on pine needles showed that damage was closely associated with their chronic exposure at frequent intervals during the year to the smog that rolled in from the Los Angeles area. More recent research, under the leadership of Dr. Paul Miller of the Forest Service's Southwest Experiment Station, points to other forest species in the Arrowhead-Crestline area that are also being damaged by the same pollutants.

Trees Resistant to Pollution Foreseen

Air pollution is a relatively new field in forestry research. More information is needed on all aspects of air pollutants and their impact on forest and shade trees. More information is also needed on how trees can be used to counter the ill effects of air pollution. This includes their role as detectors of dangerous air-

Air Pollutants

borne gases or as alleviators of the impact of pollution.

Using plants to determine pollution levels has already been done. Two examples are gladiolus to detect fluoride and alfalfa to detect sulphur dioxide. At the Forest Service's Southeastern Experiment Station in Asheville, North Carolina, researchers are working with eastern white pine to achieve a similar purpose. This research was pioneered and organized by Dr. George H. Hepting and is now under the direction of Dr. Charles R. Berry.

Trees are selected which are sensitive to field concentrations of specific individual pollutants but not to others, and which indicate the approximate concentrations of the pollutant in the ambient air.

The resistance of individual white pines to oxidants and to gases emitted from power-plant stacks varies. However, grafts from resistant trees are uniformly resistant, just as grafts from susceptible trees are uniformly susceptible. Resistant and susceptible grafts have been established in orchards and young trees from these grafts are being tested, in fumigation chambers and in the field near sources of pollution, for reaction to specific pollutants.

One result of this research will be the production of pines that are resistant to pollutants at any reasonably expected field concentrations. This may enable future foresters, landscape architects, and others to plant trees that are resistant to the pollutant which happens to be present at high levels at a particular location such as a heavily trafficked highway, a coal burning plant, or an aluminum reduction plant. An-

other result may be the production of sensitive pines to serve as permanent detectors of various pollutants, thus often replacing expensive instrumentation.

As an ameliorative influence on the atmosphere, forest trees have long been known for their ability to screen out dust, soot, and other air impurities. Possibly, too, though this is not yet known, trees may absorb enough of the pollutants to affect the air quality. In Europe, tree belts have been used to screen air impurities as well as pollution sources. A German research worker in this field declares that woodlands act as barriers to hot polluted air, that they filter out minute airborne, particles and purify the air by inducing turbulence and by feeding large volumes of oxygen into an otherwise polluted atmosphere.

Evergreen trees, in the main, have been found to be more susceptible to air pollution than hardwoods. In heavily industrialized areas in Germany, foresters are planning to replace sensitive trees in nearby forests with more resistant varieties in the hope that this will lower pollution damage.

Meanwhile indicators point to an intensification rather than a diminution of air pollution unless effective measures are taken. All projected trends bearing on this problem are in an upward move—population, industrial activity, urbanization, technological research, power production, use of automobiles and other motor vehicles. Thus the prospect seems to be a more contaminated atmosphere and a more concentrated threat to living things. At a recent national meeting of plant disease scientists, one of the group warned of the "insidious decline of whole forests and alterations of entire agronomic and natural plant populations" if air pollution goes unabated.

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The Great Gray Owl

By John Seidensticker

It was dusk in the small, high mountain meadow. The shadows and trees at the meadow's edge were blending into one. From across the opening came a unique and unforgettable call; it was a great gray owl. A few moments later, the call was answered by another from deeper in the forest. Then, I was left in silence.

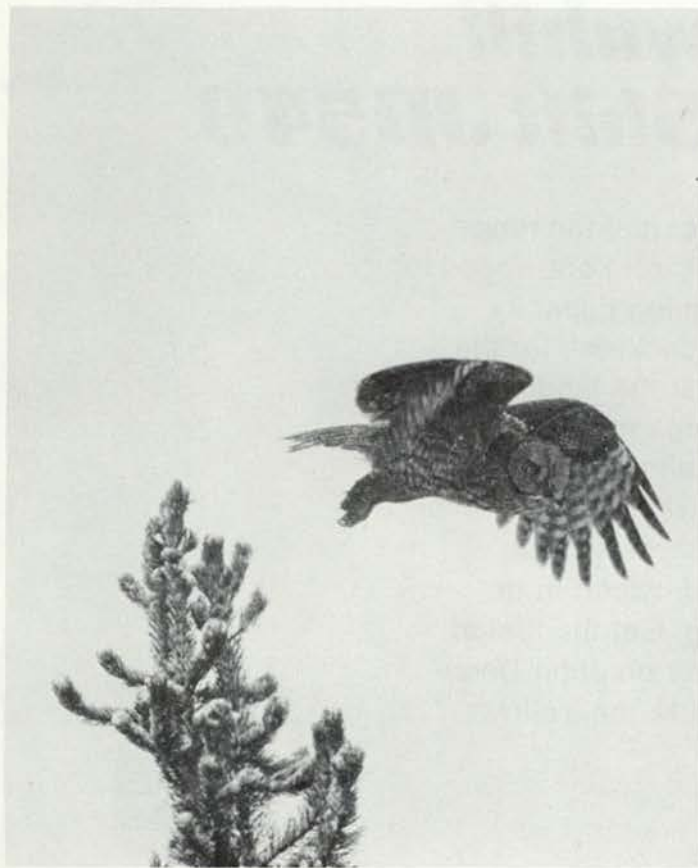
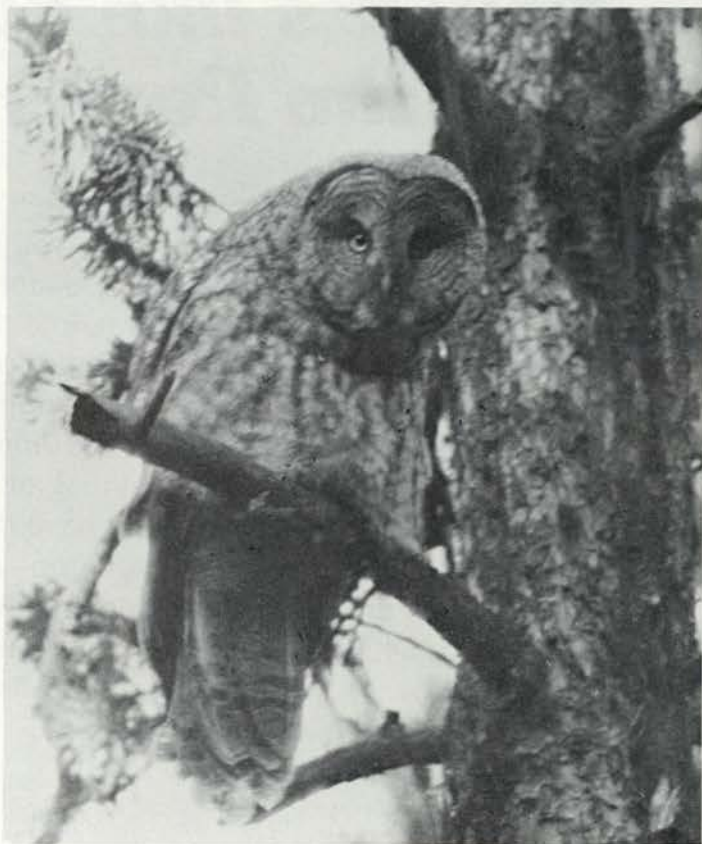
The great gray has a mottled gray plumage and an over-sized head with a striking yellow beak and yellow eyes. Though it appears to be the largest North American owl because of its bulky body feathers, it is actually smaller in make-up than the great horned owl.

It ranges across Lapland, northern Russia, Mongolia, and western North America. Commonly found in dense evergreen forests, it is seen in an occasional winter on open-field habitat. In Russia, where this bird is known as the bearded owl, its diet consists of voles, squirrels, and an occasional sable. In the western United States, its diet is reported to consist of pocket gophers, moles, squirrels and small-to-medium sized birds.

Apparently, the great gray does not build a nest of its own but chooses to utilize suitable stick nests of other species. The eggs are white, oval shaped, and number from two to five.

To watch the great gray owl in its natural surroundings is to live the experience of a wildland. Like so many other "minor species," the ecology of this bird must be known so that the management of Idaho's future wildlands may better include its needs.

Photos by John Seidensticker





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Research In Range Management

By Dr. E. W. Tisdale

Range Management constitutes an important program throughout the Western United States. In the following article, Dr. Tisdale gives a wonderful picture of the important roles our College plays in Range Management Research.—Ed.

Since some 35 million acres or 66 percent of Idaho is classified as grazing land, the scope of range research in the state is wide. It involves the grazing resource for both domestic livestock and wildlife on a wide variety of range types, from sagebrush-grass and salt-desert shrub in the southern parts of the state, to cut-over timber lands in the far northern part. At present, range research projects are underway in virtually every part of the state, with emphasis on the southern portion where the largest areas of grazing land occur.

Three main kinds of research are being carried on by the range staff and graduate students. These are: grazing management and improvement studies, investigations in the ecology and productivity of major range communities and plants, and studies of undesirable range plants and their control.

The grazing management studies are under the direction of Dr. Lee Sharp, assisted by Ron Dean, Research Assistant, and Jerry Reese, graduate assistant. The first of these is an intensive study of rates and seasons of cattle grazing use at the Point Springs experimental range near Malta, in south central Idaho. This range has been reseeded to crested wheatgrass and during the 15 years of the study, Dr. Sharp has accumulated important information on ways of obtaining sustained maximum production from ranges of this type. He has shown that with proper season and intensity of use, these crested wheatgrass stands can be grazed more heavily than was previously considered possible on a sustained yield basis. A utilization rate of approximately 65 percent or more, rather than the 50 to 55 percent commonly recommended has been found to be feasible, thus increasing greatly the value of the 1¼ million acres of reseeded range in Idaho.

A follow-up project, started in 1966, involves a large scale grazing trial using information obtained from the Point Springs study. This study combines a rotational grazing plan and high use intensity, with supplemental feeding as required.

Several basic questions raised by these grazing studies are now under investigation. These include (1) the relation of grazing use to plant carbohydrate reserves and growth, and (2) the effects of soil compaction, as caused by animal trampling, on plant growth and production.

Another management study, just completed in the Pleasant View area of southern Idaho, is an evaluation of a large-scale rest-rotation grazing system. This was set up by the Bureau of Land Management to avoid severe cuts in permitted stock use. The study indicates that the plan is achieving its purpose, but that additional stock-watering developments, reseeding of limited areas and a slightly later turn-on date would hasten the range recovery and improve animal production.

The range ecological studies are directed by Drs. Tisdale and Hironaka assisted by George Briggs, Wayne Burkhardt, Anwar Qureshi, Bob Roberts, Steve Scheldt and Al Winward. The principal projects in these areas include the ecology and productivity of sagebrush-grass ranges, and site relationship of woodland-shrub grazing lands.

The sagebrush range project has for its first objective the identification and description of the kinds of sagebrush vegetation found in the state. This phase of the study is now largely completed, and a computer-based system of classification is being developed for both climax and successional types. The climax sagebrush-grass vegetation, through superficially rather uniform, contains about 20 types. These differ in species composition, herbage production and response to grazing use as well as in site characters involving climate, soils and topography. They represent the logical units of management on these lands.

Another phase of the sagebrush range project is the taxonomy and ecology of mountain big sagebrush (*Artemisa tridentata* subsp. *vaseyana*). This subspecies grows in the more moist, cooler parts of the sagebrush zone, and occupies lands of relatively high potential for grazing use. A highlight of this study is the use of thin-layer chromatography as a tool for identifying species and subspecies of sagebrush. An intensive study is also being made of *A. vaseyana* communities in different range condition classes and a comparison is being made with types dominated by great basin sagebrush (*A. tridentata tridentata*).

The work on site relationship of woodland-shrub grazing lands has been mainly on the western juniper (*Juniperus occidentalis*) and curl-leaf mountain mahogany (*Cercocarpus ledifolius*) types. The juniper is of minor importance as range forage, but plays a valuable role as cover on rocky areas in southwestern Idaho and adjacent areas. Interest from a range viewpoint is due mainly to the present spread of juniper onto adjacent sagebrush rangelands. These climax juniper communities and the invasion stands have been shown to be different in juniper density, understory vegetation and soils. The invasion stands are all under 100 years old and are spreading steadily. Overgrazing, often advanced as a prime cause of juniper invasion seems to have little effect in this case. No evidence of climatic change favoring juniper can be found, but there is ample evidence for a marked change in the frequency and extent of fires since white settlement began a century ago. It appears that juniper is now occupying areas from which it was formerly excluded by fire, and that future management of these areas will have to include attention to this factor.

The study of mountain mahogany has been in progress for a much shorter time, and so far has been confined to establishing the distribution of the species

. . . *Range Management*

in Idaho and determining the main problems in its management. This shrub is of great importance for wildlife and of some value for domestic livestock. It occurs in relatively small scattered stands over the southern two thirds of the state, mainly on rocky, immature soils in areas of moderate precipitation. The poor reproduction observed in most stands was found to be due not to lack of seed production or seedling numbers, but to heavy mortality of seedlings and young plants due to site factors and browsing by wildlife, including deer, rodents and rabbits.

Studies of undesirable range plants have been carried on by all members of the range staff, with Dr. Hironaka most involved at present. Several species including halogeton and St. Johnswort (goatweed) have been investigated in the past, but current studies are concerned mainly with medusahead (*Taenaetherium asperum*). This is an introduced annual grass of aggressive habits and low palatability which has spread over some 5 million acres of range in Idaho and other far western states. Much has been learned about its life history and competitive ability. Current emphasis is being placed on the ecology of squirrel-tail (*Sitanion hystrix*) a native perennial grass which shows outstanding ability to establish itself in stands of medusahead.

Another area of work in which the range staff is temporarily involved is that required in the Forage Study for the Public Land Law Review Commission. The University of Idaho obtained the contract for this study of the forage resources of the federal lands. Dr. Sharp is taking a leading part in this project, and it has been necessary to employ a temporary replacement, Professor Art Tiedemann, to teach Sharp's classes for the current college year.

Graduate theses finished in 1968 were as follows:

Ph.D. Edward Schlatterer. Establishment and survival of 3 native grasses under natural and artificial conditions.

M. S. Brian Sindelar. An investigation of the competitive ability of *Sitanion hystrix*.

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The Cooperative Wildlife Research Unit Program

By Dr. M. C. Hornocker

The Wildlife Unit is an important part of our College, yet not many people understand its purpose and function. Dr. Hornocker of the Wildlife branch has presented us here with a very clear picture of that program. You will find it profitable reading, and we hope enjoyable too.—Ed.

The Cooperative Wildlife Research Unit program began in 1935, largely because of the efforts of Jay N. "Ding" Darling who was Chief of the Bureau of Biological Survey in 1934 and 1935. Before going to Washington, Darling had been a member of the State Fish and Game Commission in Iowa. There he had been a prime mover in a plan for training much-needed wildlife technicians. A training Unit was set up at Iowa State College, jointly supported by the College, the State Commission, and Darling's personal funds.

Darling took to Washington an idea for a national program of cooperative training and research units. He is given principal credit for obtaining congressional support for "cooperative wildlife research," for securing cooperative departments, and for enlisting vital financial support from outside the Government, through the American Wildlife Institute (name later changed to Wildlife Management Institute). This laid the basis for the four-part support on which the research unit system still depends.

The need for the Units could be described as four-part also. Wildlife management in 1935 needed (1) trained men to staff state game and fish agencies, (2) research to provide information for immediate use, (3) technical assistance to the States in solving their wildlife problems, and (4) conservation education through demonstrations, lectures and publications. These have continued to be objectives of the Unit program.

Today there are 18 Units located at universities and colleges in all sections of the country. Each Cooperative Wildlife Research Unit is administered under a memorandum of understanding signed by the four cooperating agencies — the state university, the state wildlife agency, the federal Bureau of Sport Fisheries and Wildlife and the Wildlife Management Institute, a private conservation organization. The contracts are standard except for minor details. Each Unit is administered by its own Coordinating Committee consisting of three members, one selected by each of the two participating State Agencies and one by the Bureau of Sport Fisheries and Wildlife (the Wildlife Management Institute has designated the Bureau as its agent in Unit administration). Each Coordinating Committee elects its own officers and sets its meeting dates.

At each participating university two biologists employed by the Bureau are stationed, a Unit Leader and an Assistant Unit Leader. They are given courtesy appointments to the graduate faculty; in this capacity they serve as major supervisors, assisting with the preliminary and final examinations of graduate fellows doing research under Unit auspices.

Each Unit is free to conduct research anywhere in the State, or elsewhere, as may be agreed to by its Coordinating Committee. The Unit Leader directs the program formulated by the Coordinating Committee; the Committee reviews and approves the annual budget, the research program, graduate student appoint-

ments, and operational policy through free discussion and vote, matters of policy and procedure, or problems of Unit operation, if circumstances require.

The Units are supported jointly by the four agencies signatory to the memorandum of understanding. The total support, in money, supplies and services, varies from Unit to Unit according to local needs and circumstances.

The game and fish departments' contributions are primarily in cash which by agreement is expended mainly for graduate scholarships and necessary field expenses supporting them. Unit investigations result in final reports to game and fish departments, in theses for graduate degrees and in technical publications—researches so financed are of special interest to the State departments.

Cash contributions of participating game and fish agencies have varied in recent years from about \$8,000 to about \$25,000 a year, depending on their needs for research that can be done by graduate students. Most, if not all, of the game and fish agencies lend or otherwise provide, especially in emergencies, additional vehicles, available field equipment, and occasionally personnel to help graduate students assigned to wildlife research Unit direction.

The primary contributions of the universities are in supplies and services. They provide teaching staff, office space, space for laboratory and storage, library facilities, utilities, secretarial assistance and other services. Some of the universities make substantial cash contributions to Unit support in addition to goods and services. Recently their support to the program has varied from about \$8,000 to about \$35,000 annually. Some advantages to the universities accrue from location of the Units on their campuses.

The Bureau and Wildlife Management Institute contributions are essentially standard. The Bureau currently pays the salary of the Unit Leader and Assistant Unit Leader and provides one or more Federal vehicles, equipment, and a small expense allocation, aggregating about \$36,000 per Unit per year. The Institute contributes \$1,000 or more annually to each Unit. Larger contributions were provided by the Institute in the earlier years when the Unit program was beginning. The Institute has been of great moral support to the Unit program throughout its 34-year history.

The direct contribution of the Units to undergraduate training has always been small. This tradition has been maintained through the 34 years of Unit operation. Only about 5 percent of the wildlife students at the bachelor level at Unit schools receive aid from the Units—this is mainly in the form of wages and occasional loan of equipment not otherwise available. The presence of a Unit on a campus undoubtedly influences a somewhat larger number of undergraduates to elect wildlife majors than would otherwise be the case.

During the 34 years (1935 - 1969) in which the Units have participated in wildlife training, a total

Unit Program

of 5,892 students have been granted degrees in this field from colleges and universities where Units have been located. Included in this total are 4,246 graduates with bachelors' degrees, 1,404 with masters' degrees, and 242 with doctors' degrees. Of the candidates for advanced degrees at Unit schools about 71 percent received financial help, equipment, or other aid from the Units.

Of the 5,892 wildlife-trained graduates, approximately 70 percent have entered the wildlife profession. Many now hold responsible positions in State and Federal agencies charged with wildlife resource administration, management and research. Most Unit graduates holding the doctorate have gone into teaching, nearly all in wildlife-allied fields, although an appreciable number are supervisors of State and Federal research programs. Men with masters degrees have tended to go into wildlife management or research, usually on assigned projects or as members of research teams.

Nearly all research under Unit auspices has been in the form of graduate problems satisfying thesis requirements for advanced degrees. The results of most studies have been published, wholly or in part—the number, excluding notes and popular republications, now exceeds 1,500. This is an average of about 50 theses and major papers per year.

As of 1968, Units had operated for 2 to 34 years in 21 states. Men who obtained their graduate training, or part of it, under the Unit program are employed in every state and in virtually every wildlife and conservation agency. It is estimated that these biologists and administrators constitute about half of the post-graduate-trained manpower in the wildlife field.

The Idaho Cooperative Wildlife Research Unit was formed in 1947. Since that time 59 students have received graduate degrees under Unit supervision and support. The doctoral degree is relatively new in For-

est Sciences at the University of Idaho; only one of the 59 degrees conferred was a Ph.D. Currently, however, of the 15 graduate students receiving full or partial support from the Unit, 7 are Ph.D., candidates.

Research emphasis in the past at Idaho Unit has been primarily on big-game species: elk, mule deer, white-tail deer, bighorn sheep, and mountain goat. Numerous projects, however, have been carried out on upland game birds, waterfowl, and furbearers. Current Unit projects include studies of bighorn sheep, elk, mountain lions, pheasants, sandhill cranes, golden eagles, bobcats and white-tail deer. Other investigations are concerned with big-game browse production, the effects of logging on big-game habitat, the ecology of mountain meadows, the influence of rodents on reforestation, and the effects of pesticides on pheasant populations.

In the future, increased emphasis will be placed on wilderness-oriented research. This is enhanced by the recent acquisition, by the University, of a Wilderness Research Center in the Idaho Primitive Area. Research conducted from the Center will include work in the following areas:

- Dynamics of unexploited wildlife populations
- Ecology of unaltered vegetation types
- Ecology of unexploited aquatic environments
- Impact of human use and resultant ecologic changes

Idaho is richly endowed with outdoor recreation resources and the Unit will work closely with other University, State and Federal organizations in attempting to bring about a wise and orderly development of these resources. Work in this area is closely tied with the problem of environmental quality and with decisions which must be made in order to insure a livable environment. The Unit, through dissemination of research information expects to take a more active role in this area.

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Forests And Forestry In Costa Rica

By Professor F. D. Johnson

Costa Rica is certainly a long way from Idaho. But the world is growing smaller. And Professor Johnson has proven that again with a very timely and informative article. In reading it, we hope you will gain as much as we did.—Ed.

In 1502 Columbus landed on the Caribbean Coast of Central America and was so impressed by the luxurious vegetation that he called it "rich coast"—Costa Rica. If you're interested in trees, rich is certainly the name for this country. Costa Rica is about the size of Idaho north of the Salmon River. It has one of the most diverse floras of any place on earth. It is a meeting place for plants from North America as well as both Atlantic and Pacific species from these continents. An irregular chain of still active, 10,000-foot volcanic mountains split the country from north to south, making a spectacular vegetational zonation from dry tropical-deciduous forest at sea level on the Pacific to cloud forests at 10,000 feet (even a few spots of subalpine) and back to tropical rainforest on the Caribbean coastal plain within 100 miles.

All the country was originally forested, but clearing for crops and grazing has reduced this to about 75 percent forested. Two-thirds of the country is occupied by tropical rain forest with annual precipitation up to 320 inches and consisting of evergreen, broadleaf trees—often referred to as "tropical rain forest." These low, wet forests are sparsely populated but do support several large banana plantations, Costa Rica's second largest cash crop.

In the northwestern part of Costa Rica is an area which has a six-month drought and supports a tropical dry deciduous forest. Much of this area has been cleared, converted to savannah, and now constitutes the principal grazing area. Brahman and Santa Gertrudis are the most abundant cattle using the savannah. In the lower to middle elevations in the mountains is a broad band of subtropical evergreen forest, the so-called cloud forest. This is the area where famous Costa Rican coffee, their principal crop, is grown on rich, volcanic-ash soils. A great variety of crops are grown in this zone including sugar cane, pineapple, and many temperate vegetables, along with a few temperate fruits.

In Costa Rica's small area there are about 8000 plant species and 500 tree species. By comparison, northern Idaho has about 1500 plant species and 40 tree species. For another comparison, think of Costa Rica's over 500 kinds of trees compared to all of the U.S. with 787 types of native trees, or of Alaska's mere 31 species. Most of Costa Rica's trees would be unfamiliar to North American foresters, but genera of plants in the higher mountains such as *Quercus*, *Alnus*, *Cornus*, *Arctostaphylos*, *Lupinus* and *Rumex* would provide some touch with North America. Of the 500 species of trees, only about 140 are cut commercially for wood products and about 21 make up the bulk of the cut. Of these 21, some are important in world trade, such as Mexican-cedar, balsa, cativo, mahogany, and oak. There are no commercial conifers in Costa Rica. The volume of standing timber is approximately 300 billion board feet and the annual cut is about 775 million board feet. Of this, only ten percent is exported, and timber imports exceed exports because there are no softwoods.

"Potential cut" and "sustained yield" are unfamiliar concepts to Costa Rican forestry. In fact, forestry as we recognize it, or simply timber management, are practices foreign to this pocket-sized country. Timber is cut by thousands of gyppos with little thought to the future crop except the certainty that some kind of tree will replace every one cut—and mighty quickly. For example, we stayed at a field station in southwestern Costa Rica where the airstrip had been hacked out of virgin tropical rain forest six years before. Surrounding the headquarters building was a beautiful stand of straight, white barked trees. Their size impressed us so we took a number of measurements. In six years the stand dominants and co-dominants averaged 105 feet and 12.1 inches in diameter! Heights went as high as 116 feet and the largest diameter was past 16 inches—in six years. The wood may be valuable—no one knew. Successional patterns after any type of cutting system are unknown except in a few azonal timber types which, due to a restricted habitat, are made up of one, or a few, species and are self-perpetuating.

American industry is just beginning to start a few small operations. Practical, large-scale operations

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with any type of sustained yield in mind are hindered by a variety of problems. The most important problems are land ownership and squatters. Governments south of the border are rather touchy about American ownership of land and of industrial concerns. Once this hurdle is over, squatters or "*parasitos*" are the next problem. In Costa Rica and in many, if not most, tropical countries, the population pressure forces people to occupy any land they can to eke out a living. In virgin forests populations are small for many reasons—one being lack of access. Once a log road is built, *parasitos* move in, and current national feeling makes expulsion impossible. Result: no second tree crop can be planned with even a slight degree of assurance.

The next problem in order of importance is one called "species mix." A small watershed in the tropical rain forest may have 200 to 300 species of trees. We saw cruise data from such a stand where one strip went three miles without tallying the same tree species twice! This mix is a hindrance to modern utilization practices, because the properties of the woods vary as greatly as do their numbers.

Beyond these three primary problems is the one of lack of ecological and silvicultural knowledge. Broad forest communities are defined, but forests are extremely variable and complex and further community definition is needed. Successional patterns are poorly understood, though some of the most important commercial species appear to be seral.

Not all of the arable land is cleared and clearing for crop land proceeds with small regard for even minimum wood utilization. However, few people expect to have forests take precedence on any land that is capable of growing even a little bit of food. Further clearing of the deciduous forest and cloud forest for grazing can also be expected. Thus, forests will be continual only on the poorest upland or swampy sites. After being in Costa Rica for a while I finally began to see that Costa Ricans think of their forests

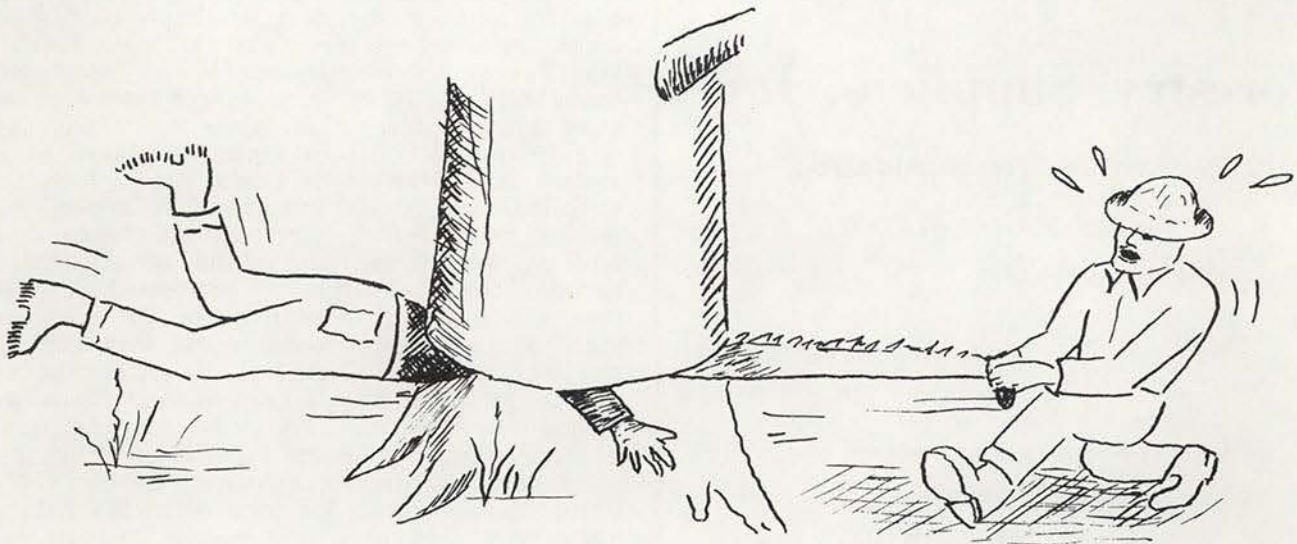
about as our early colonists did—use them now and clear the land for food. Considering their position in the world of food market and the 2 million mouths to feed, this seems a reasonable philosophy.

Nonetheless, there will still be much of Costa Rica that will remain forested after the last hectare of grazing or farm land is cleared. What is the potential here? First, one must realize that site is a relative thing and the poorer upland sites in Costa Rica will still produce more wood than perhaps the best sites in North America. So, this much of the potential is known. What can be done to help realize and utilize the potential? Here is an opportunity to put modern biological and technological concepts to work, and research is the key to unlocking the wood-growing potential.

Three major fields need more knowledge before Costa Rican forestry meets modern criteria. The first is socio-economic and it is perhaps the most pressing. Forest law and policy, administration of wildlands, changing social practices, the public acceptance of new ideas, and marketing potentials are all in need of further study and implementation. A study of wood properties and utilization is the second major field needing work: new pulping processes, new curing techniques, economical harvesting of mixed stands, and new products from new species are some of the subjects needing investigation.

Lastly, there are the biological aspects of forestry: community and successional patterns, growth and yield, insect and disease potential and controls, and even exact species descriptions and distributions are unknown. All of these constitute a rich field for researchers to till.

Costa Rica is but a small sample of the tropics—more advanced than many areas, less advanced than some. Virtually all knowledgeable people feel that the tropics constitute a resource which must be of much more importance to the world of the future. There is challenge, variety, and newness in the tropics as well as a demand for individuals to help develop resources badly needed by our expanding population.



Did I Pull Too Hard, Fred?

The Development Of The Peace Corps Forestry Program In Chile

By James Dungan

The following article was sent to the College in March, 1969, and passed on to the Editorial Desk. As a timely and well written report, we thought we would like to pass it on to you.—Ed.

Chile, one of the three areas of the world with a Mediterranean climate, is ideally suited to the growing of trees. Native forests formerly covered most of the country south of Santiago, and even the desert in the north had large, wooded areas. Nitrate and mining activity have almost completely destroyed the northern wooded areas, and agricultural interests have largely reduced the southern forest. Much of the farming has been in non-agricultural areas, with a resultant loss of not only the forest, but the soil as well. Even in agricultural zones, considerable farming has been carried on without the use of fertilizers, crop rotation, or soil conservation practices. Rural Chile now finds itself with 12,000,000 acres of eroded, unproductive, barren land.

For several years, Peace Corps volunteers worked fairly successfully among small farmers in promoting reforestation, teaching methods of handling and planting seedlings, and forming small nurseries. The personnel of the Chilean Department of Forestry, now the Division of Forestry of the Ministry of Agriculture, became increasingly involved with small farmers

and volunteers in reforestation activities. After initiating several regional reforestation programs, the Chilean government in 1965 launched a national reforestation plan with the goal of planting the entire 12,000,000 acres of eroded land by the end of the century. Yearly goals were set, along with the designation of priority areas to establish new forest industry.

The heart of the eroded area lies in the coastal range from Curico to Cautin provinces. A FOA study of the areas concluded that conditions for reforestation were probably more favorable in the coast range than anywhere in the world. Establishment and survival of plantations is not difficult, and tree growth is unequalled in other temperate climates of the world. Seven year old thinnings of *Pinus radiata* are used for pulp, and stands are clearcut at ten years for pulp, or twenty-two years for lumber on the better sites. At present nearly 90 percent of the new plantations are of *Pinus radiata*, with *Eucalyptus globulus* and *Pseudotsuga taxifolia* the only other species of importance. It is planned to greatly increase the planting of Douglas fir in the south and begin the direct

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seeding and planting of native species on a large scale, to eventually decrease the relative importance of Monterey pine to 50% of new plantations.

A year after beginning the national reforestation plan, the Minister of Agriculture requested Peace Corps volunteers to formally become part of the government's forestry program, and in particular to work with the reforestation plan. In June of 1966, training began at the University of Washington to prepare forestry volunteers for service in Chile. In September, 30 volunteers arrived in Chile to work with the Department of Forestry. Their activities were primarily in forestry extension—working with groups of farmers in promoting, organizing, and teaching methods of reforestation. The following year another similar group was sent to Chile to provide a year overlap with the first group and to enlarge the scope of the program. At this time the Department of Forestry, as well as the Forestry Institute and the three universities training foresters began to request volunteers to work in forestry specializations other than reforestation. Volunteers became involved in a wide range of forestry activities such as fire prevention and control operations, inventory and management planning for the Forest Reserves, and teaching forest ecology, mensuration, and forest entomology in the universities. Volunteers with specialties in forest recreation are presently drawing up management plans for three of Chile's most important national parks. Some volunteers work in research. They are studying the impermeability of Chile's native woods, classifying forest insects and diseases, and studying the ecology and use of native species.

As the Peace Corps participations grew more technical and complex, it became increasingly more difficult for the Peace Corps and Chilean forestry staff to provide adequate technical assistance to the volunteers. A support proposal was drawn up by the College of Forest Resources of the University of Washington, to provide not only technical backstopping to the volunteers, but also consulting support to the Chilean agencies employing the forestry volunteers. The Peace Corps has funded the support program for the next three years. The program is actually a mutual agreement among the Chilean Ministry of Agriculture, the University of Washington, and the Peace Corps with each member providing part of the financing. Five or six specialists will go to Chile each year for several weeks each upon request from the Ministry of Agriculture. Their travel to Chile is paid for by the Peace Corps. All expenses within Chile are paid by the Ministry of Agriculture, while the University of Washington pays the salaries of the consultants. The College of Forest Resources also does recruiting for the Peace Corps program, and is responsible for the training of new groups.

Forestry is a small, relatively new, but growing profession in Chile. The first class of foresters was graduated in 1954, but the classes were very small until recently. There is still a shortage of professional foresters. Specialists are particularly needed with either graduate studies or good work experience. Until such needs can be filled by the increasing number of foresters graduating in Chile, or specializing abroad, the Peace Corps will continue to have an important role to play in Chile's developing forestry profession. American foresters interested in an opportunity to

serve abroad and with the necessary flexibility to adapt their knowledge to Chile's needs, should consider joining the Peace Corps to work two years in Chile as employees of one of the Chilean forestry agencies. The volunteer is responsible to the Chilean agency, while the agency provides the job guidance and necessary financial support.

Training for the next group will begin the latter part of June, at the University of Washington. Persons interested in graduate study after Peace Corps service will have the opportunity during training to prepare a program with the appropriate major advisor, and in many cases receive graduate credit upon entering graduate school for projects accomplished as a volunteer. There is ample opportunity for both service to another people, and personal betterment which comes from such an experience. Additional information concerning the program may be obtained by writing to:

James Dungan, Project Coordinator
Peace Corps Program
College of Forest Resources
University of Washington
Seattle, Washington 98105

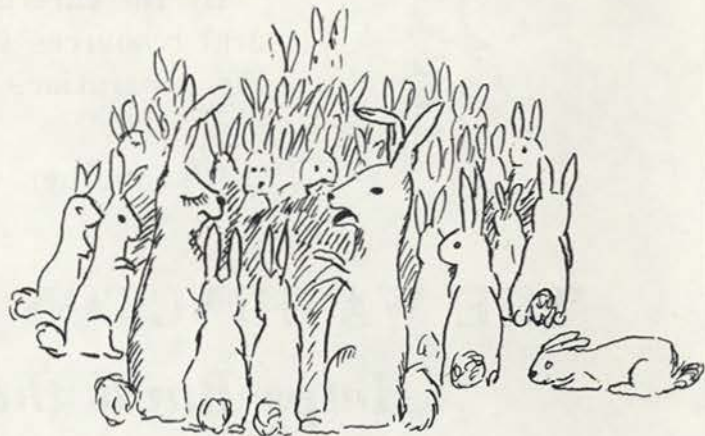
AWFC Conclave

This year the annual Association of Western Forestry Clubs conclave was held at Humboldt State College in Arcata, California. Arcata is located in the heart of the Northern Redwood region near the coast.

At the conclave, the delegates were given a chance to participate in general discussion meetings which covered such subjects as: club publications, fund-raising projects, and membership. In addition to this, the delegates were shown the harvesting of massive old-growth Redwoods and experimental cuttings of second growth timber on Pacific Lumber Company lands. Mill tours were also offered to show how timber industries of the area integrating pulp, plywood, and lumber production.

The Idaho delegation made their own field trip to Orick, California to question the Arcata Redwood Company about the effect the new Redwoods National Park will have on their future operations.

The AWFC conclave not only provided an opportunity to meet other students of Forestry, but gave delegates a chance to compete in such events as axe-throwing, wood-chopping, double-bucking, log-birling and boom-running.



And You Wouldn't Use the Pill!

Club News

Beginning with the traditional Steak Fry, the Associated Foresters had a very active and interesting school year. In addition to their successful Forester's Ball, the club planned a busy Forester's Week centered around the theme "Environmental Quality." Activities during the week included displays in the Forestry Building by both the United States Forest Service and the College of Forestry, tours of the Forestry Building for Moscow's fifth grade students, and a visit to Potlatch Forest's Lewiston mill. Also included in the week's events was a panel discussion on "Landscape Design and Forest Management."

The Associated Forester's regular club meetings featured many interesting speakers covering the following topics: "Fishing Rights of Indians" by the Chairman of the Sociology and Anthropology Department, Dr. Deward E. Walker, a slide show by Professor Fred Johnson on Central American forestry, a discussion by Park Ranger George Briggs on "People and Management Relations in Yosemite Park, and a presentation by Dr. James Calvert, Assistant Professor of Mathematics, on "What Makes A Preservationist Tick."

Directions the club hopes to take next year include: improving faculty-student communications, getting more freshman and sophomore involvement, and encouraging activities that include branches of the College of Forestry.

A new club on the University of Idaho campus is the Student Chapter of the Wildlife Society. In addition to the presentation of high quality programs of speakers and films, the club strives to familiarize

members with the nature and issues of the wildlife profession, stimulate interest in the field of wildlife management and establish communication between all academic levels of the membership in the Society. The organization also hopes to promote scholastic achievement and inform its members of the employer's objectives in the profession.

A main activity of the club's year was the raffling of a big-game rifle to obtain funds for Audubon wildlife films and lectures. Next year the club plans to continue their interesting programs and create more undergraduate involvement.

Xi Sigma Pi is an important honorary fraternity in the College of Forestry. Its express purposes are: to secure and maintain a high standard of scholarship in forestry, to improve education, to work for the upbuilding of the profession of Forestry, and to promote fraternal relationship among earnest workers engaged in forestry activities.

The membership consists of undergraduates in the forestry curriculum with at least a junior standing and a minimum GPA of 2.8, graduate students, and faculty members. The fraternity sponsored a guest lecture by Dr. Fred Wangard, Dean of the College of Forestry and Wood Utilization at Colorado State University this year, and continues to sponsor the Xi Sigma Pi Award. The award is given to the outstanding senior in the College of Forestry and is based on scholarship and character.

In the future, the Xi Sigma hopes to have more guest speaker on subjects of common interest to all disciplines of the College of Forestry.



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The Forester's Ball

For the second year in a row now, the Associated Foresters have sponsored a Queen's Contest for the Forester's Ball. With a campus-wide selection, the Foresters voted Miss Julie Johnson as Forester's Queen of 1969. As a freshman majoring in Wildlife Management, she will reign until the crowning the next queen in February of 1970.

Forester's Queen 1969



MISS JULIE JOHNSON



Jo Ann Boden

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Suzanne DeVleming



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BARRETT DAVID S	60 LEXINGTON AVE	RUFFALO	NEW YORK	14222	CAMPBELL DONALD P	6914 SIESTA DRIVE	MISSOULA	MONT	59801
BARTLETT KENNETH H	STAR HIUTE	DIXON	MONTANA	59831	CAMPBELL DUNCAN	C/O SIELT GONS SER	TOWNR	N DAKOTA	58788
BASFORD DOUGLAS D	BOX 396	PARMA	IDAHO	83660	CAMPBELL JESSE L	2530 148TH ST SW	EDMONDS	WASH	98020
BASILE JOSEPH V	FOREST SCIENCES	LAROUZEMAN	MONT	59715	CAMPBELL JOHN D	330 FIRST AVE	HACKAY	IDAHO	81144
BATES KYLE C	ROUTE 1 BOX 13	ATHOL	IDAHO	83801	CANADY MICHAEL L	6916 SUNSET TERRACES	MOINES	IOWA	50311
BATES ROBERT W	BOX 21 HIGH R	EAGAR	ARIZ	85925	CANFIELD ELMER R	COL OF FOR U OF I	MOSCOW	IDAHO	83843
BATTEN CHARLES R	332 S HIGH RM 1836	CHICAGO	ILL	60604	CAPELLAN JIM E	DEPT OF NAT RES	CATHLAMET	WASH	98612
BAUGH GRANT	14 W BOX 1867	IDAHO FALLS	IDAHO	83401	CAPLES JAMES W	CO COLERA MINING	NORTH FORK	IDAHO	83466
BAUMANN HERMAN	225 HILLSIDE AVE	PIEDMONT	CALIF	94611	CAPORASO ALESSIO P	1631-27TH ST	OGDEN	UTAH	84403
BAY ROGER R	LAKE ST FOR EXP	STAGRANO RAPIDS	MINN	55744	DEPT NAT RES	VANCOUVER	WASH	98660	
BEALS WILFRED F	FOREST RANGER	COLLBRAN	COLORADO	81624	2037 VESTA WAY	SACRAMENTO	CALIF	95825	
BEAM CLARENCE D	DEPT NAT RES SW	RENGANCOUVER	WASH		2512 REDWAY RD	ROISE	IDAHO	83704	
BEARD JESSE A	1614 ALISO DR NE	ALBUQUERQUE	N M	87110	US NAVY	PENSACOLA	FLORIDA	32018	
BECK BRYCE	525 AVILA RD	SAN MATEO	CALIF	94402	173 OAK CRK TERRACE	CORVALLIS	OREGON	97330	
BEDWELL JESSE L	1908 NE SCHUYLER	PORTLAND 12	OREGON	97212	DEPT OF FOR MSU	EAST LANSING	MICH	48823	
BEIER RICHARD J	DEPT NAT RESOURCES	TOMAHAWK	WISC	54487	363 PARK AVENUE	PROVO	UTAH	84601	
BEITIA FRANK G	RT #2 BOX 130	POCATELLO	IDAHO	83201	PO BLDG USFS	RAKER	OREGON	97814	
BELL JEROME L	HAROLD APTS BOX 81	FRANKLIN TOWNSHIP	PENN	17323	1045 ENCINO ST	POCATELLO	IDAHO	83201	
BENNETT CAREY H	4918 DUFFER R NW	ALBUQUERQUE	N MEXICO	87114	APT 419 TEGUCIGALPA	INDURAS	WYOMING		
BENSON RUDOLPH J	811-23RD AVE NW	NEW BRITTON	MINN	55112	JAYPE MILL	PIERCE	IDAHO	83546	
BERGQUIST JOHN R CAPT	HORN S-3 CMP	RUTLER	PO SEATTLE	WASH	PO BOX 5767	DENVER 17	COLO	80217	
BERNSTEIN DR CARL M	240 W PROSPECT ST	FORT COLLINS	COLO	80521	CAMP ROBINSON PD	ONTARIO	CANADA		
BERSCHIED GEORGE H	STAR RANGER STA	JACKSONVILLE	ORE	97530	1800 AVE OF STARS	LOS ANGELES	CALIF	90067	
BETHE JOHN A	HLUE WTR RANGER	STARATES	OREGON	97817	103 E 3RD ST	COSMOPOLIS	WASH	98537	
BETTS JAMES W	WIND RIVER NURSERY	CARSON	WASH	98610	201 SOUTH MAIN ST	FREMONT	NEBRASKA	68025	
BHANDHABURANA VINAI	KASETSART UNIV	BANKOK	THAILAND		ROUTE 4	SPARTA	WISCONSIN	54656	
BICKFORD CHARLES A	N Y COL OF FORESTRY	SYRACUSE	N Y	13210	STATE U COLL OF FOR	SYRACUSE	NEW YORK	13210	
BICKFORD RICHARD	DEP ASSES LEWIS	CITYCHEHALIS	N Y	98532	RT 1 BOX 772	QUINCY	CALIF	95971	
BIGELOW CHARLES A	ROUTE #2 BOX 11-A	RENO	OREGON	97701	RT 3 BOX 38	DEER PARK	WASH	99006	
BIGLER ROBERT L	BOX 461	DARRY	MONT	59829	PO BOX 102	CLARKIA	IDAHO	83812	
BIXER JOHN R	110 RITCHIE AVENUE	TRAIL	B C		9029 FASHION DR	SACRAMENTO	CALIF	95826	
BILLINGS WILLIAM E	207 W GREENWOOD	LAHARRA	CALIF	90631	PO BOX 8669 ENSLEY	BIRMINGHAM	ALA	35218	
BINGHAM RICHARD T	612 MOORE	MOSCOW	IDAHO	83843	PO BOX 245	BERKELEY	CALIF	94701	
BIRKMEYER ARTHUR R	75 NORTENGALE #216	GULF BREEZE	FLA		640 JEFFERSON	RICHLAND	WASH	99352	
BISHOP DOUGLAS A	SOIL CONSERVA SERV	ABERDEEN	IDAHO	83210	9609 BURNETT DR	MEDFORD	ORE	97501	
BIZEAU ELWOOD G	ROUTE 2	MOSCOW	IDAHO	83843	ROISE CASCADE CORP	BOISE	IDAHO	83701	
BJORNN THEODORE C	FORESTRY U OF IDAHO	MOSCOW	IDAHO	83843	2642 MCKINNEY	ROISE	IDAHO	83704	
BLAISDELL J P	USFS RNG & WILD LIFE	WASH	D C	20250	BOX 25	JEROME	IDAHO	83338	
BLAKE GEORGE M JR	FORESTRY U OF MONT	MISSOULA	MONT	59801	1016 N 29TH	ROISE	IDAHO	83706	
BLANDS JOIN R	US FOR SERVICE	GRANGEVILLE	IDAHO	83530	3626 GREENLAND AVE	ROANOK	VIRGINIA	24012	
BLOVEN JERRY R	1135 W HIGHLAND	REDMOND	OREGON	97756	LOWER TRIN RGR	DISTSALYER	CALIF	95563	
BLOOMER JAMES A	RT 1 3RD & MANSELL	QUINCY	CALIF	95971	KRASSEL RANGER	STATMCCALL	IDAHO	83638	
BLOMAN WILLIS A	7838 NITA AVE	CANOGA PARK	CALIF	91304	909 WEST NIVE LANE	CARSON CITY	NEVADA	89701	
BLOMING JOHN W	107 N SECOND ST	TRUY	IDAHO	83871					
BLOLAND THOMAS P	495 EAST 13TH ST	WILLIAMS	ARIZONA	86044					
BOLICK ERI D	ROUTE #1	IDAHO FALLS	IDAHO	83401					
BOLTON ELVIN L	BOX 503	EPHRATA	WASH	98823					
BONN STEPHEN A	723 N 4TH	SMELTERTVILLE	IDAHO	83868					
		MONTEVIDEO	MINN	56265					

COLWELL BRUCE E	1040 NO 23RD ST	COEUR DALENE	IDAHO	83814	FERGUSON ROBERT M	US FOREST SERVICE	SANDPOINT	IDAHO	83864
COMPAGNONI PANFILO	812 W 4TH STREET	MEDFORD	OREGON	97501	FICKE HERMAN O		METALINE	FLSWASH	99153
COMSTOCK DONALD E		GALLATIN GYMONTANA	59730	FIELDS WALTER D		PO BOX 1428	PRARVD	UTAH	84001
CONNAUGHTON CHARLES A	PO BOX 3623 USFS	PORTLAND	URE	97232	FIFIELD CHARLES E	3405-5TH ST E	LEWISTON	IDAHO	83501
COOK FREDERICK T	15 WIGAM AVENUE	WORCESTER	MASS	01604	FINLAY GEOFFREY H	BOX 203	HIGHORN	WYOMING	82833
COOK LEROY L	210 JACKSON ST	RX92PRIEST RIVER	IDAHO	83856	FINN LAWRENCE E	1427 ST. JOHNS AVE	HIGHLAND PRKILLINOIS	60035	
COONROD MELVIN A	FOREST SERVICE	BLDGODGEN	UTAH	84401	FINN RALPH A	BOX 374	COUNCIL	IDAHO	83612
COOPER BRUCE	416 CHEYENNE	ALLIANCE	NEBRASKA	69301	FINNEY DONALD L	COBALT RANGER DIST	SALMON	IDAHO	83467
COPEL DONALD L	FOREST SCIENCES	LARCORVALLIS	OREGON	97330	FISHBURN EARL	4003 BARANOF	KETCHIKAN	ALASKA	99901
CUPPICK SYDNEY	SCOTT PAPEK CU	CHESTER	PENN	19015	FISHBURN JAMES R	FREMONT NATL FOREST	PAISLEY	OREGON	97636
CORAY EDWARD A	1220 SOUTH 3RD	RENO	OREGON	97701	FISHER JEAN E	L.C. NF BELT CR RD	NEIHART	MONTANA	59465
CORNELL BLAINE L	50 S VIRGINIA ST	RENO	NEV	89504	FISHER LESTER C JR	NY RANGER SCHOOL	WANAKENA	NEW YORK	13695
COSSITT FLOYD M	5911 HILDERBRAND	NEATLANTA	GEORGIA	30328	FLANK GERALD R	2257 GAILS AVENUE	CHEHALIS	WASH	98532
COSTALES PATRICK G	PO BOX 363	WAIHEA KAUAHAWAII	96796	FLOCKINGER DAVID L	FLICKINGER DAVID L	US FS	IDAHO CITY	IDAHO	83631
COUCH JOSEPH JR	USFS 50 7TH ST NE	ATLANTA	GA	30308	FOLSOM LEWIS L	CASILLA 588	TALCA	CHILE	
COVER JACK E	WESTOJER PK APT 1400	URHAM	WISCONSIN	54527	FOLTZ WAYNE G	USFS FEDERAL BLDG	MISSOULA	MONT	59801
COX DAVID R	BOX 731	LAKE CITY	FLAIDA	32055	FORRES ROBERT H	US FOREST SERVICE	COUNCIL	IDAHO	83612
CRANSTON WILLIAM V	254 S OAKLEY AVE	RURLEY	IDAHO	83318	FORSTER WILLIAM L	6620 NW MARINE DR	VANCOUVER B C		
CRAWFORD FRANK R	BEAR SPRINGS RGR	STMAJPIN	OREGON	97037	FOSTER WILLIAM L	PO BOX 397	TROY	KANS	66081
CRAWFORD JAMES R	RLM 300 N CENTER	STCASPER	WYOMING	82601	FOWLER LAURIE GARTH	3042 LOUISIANA	LONGVIEW	WASH	98632
CRAWFORD JOHN E JR	3370 EIGHTH DRIVE	BAKER	OREGON	97814	FOX CHARLES E	232 N CALVADOS AVE	ZUZA	CALIF	91202
CRAWFORD KENNETH J	239 EAST 11TH	IDAHO FALLS	IDAHO	83401	FRAZER THOMAS J	3319 N 27TH	TACOMA	WASH	98407
CRONEY THOMAS J	2960 PEARL ST	EUGENE	OREGON	97405	FRAZER HUME C	25 EAST WALNUT ST	JEFFERSON	OHIO	44047
CROOKS JAMES R	3190 N ATLANTIC AVE	COCOA BEACH	FLORIDA	32931	FRAZIER GEORGE D	1612 POMANDER RD	BOISE	IDAHO	83705
CROSNOR ROBERT G	BOX 622	KINGS REACH	CALIF	95719	FRAZIER JOE L	US FOREST SERVICE	CIRCLEVILLE	UTAH	84723
CROUCH GLENN L	225 EAST 17TH AVE	OLYMPIA	WASH	98501	FRAZIER ROBERT A	2705 GAITHER ST SE	WASHINGTON D C	20031	
CRUZ EUGENIO DE LA	PO BOX 2121	MANILA	PHIL		FREDERIC JACK L	E 1217 EMPIRE	SPOKANE	WASH	99207
CUMMINGS LEWIS A	SAN ISABEL NAT FOR	LAVETA	COLORADO	81055	FREEMAN ETHAN W	816 W MAIN	SOUTH VALE	ORE	97918
CUNNINGHAM RUSSELL N	1465 N CLEVELAND	ST PAUL	MINN	55108	FRENCH LARRY C	RR#1 BOX 48	POTLATCH	IDAHO	83855
CURRIER WILBUR F	FED RLD 517 GOLD SWAL	RIODIOROU	N M	87105	FREY ROBERT E	BOX 87 APO #8171	AGSNEW YORK	NEW YORK	
CURTIS ALAN B	1408 EMERSON ST NW	WASHINGTON D C	20011	FRIER JAMES C	FRIER JAMES C	2921 HOLLY ROAD	SANTA BARRAR	CALIF	93105
CURTIS HARRY J III	PO BOX 656	N REND	WASH	98045	FROEMING DENNIS K	609 EAST E	MOSCOW	IDAHO	83843
CURTIS LEVERETT R	11040 14TH AVE NE	SEATTLE	WASH	98125	FROST RAYMOND W	ELLENSBURG RGR STA	ELLENSBURG	WASH	98926
CZERWINSKI MICHAEL H	TROUT CRK RGR STA	TROUT CREEK	MONTANA	59874	FULCHER GLEN D	5003 WENRUTH PL	ANNANDALE	VA	22003
DAHL BILLIE E	RNG MGT TEXAS TECH	URROCK	TEXAS	79406	FULLER JAMES R	ROUTE #3	CALDWELL	IDAHO	83605
DAHMAN HAROLD	628 S HAYES	MOSCOW	IDAHO	83843	FULTON LESTER R	1612 W SUSSEX	MISSOULA	MONTANA	59801
DANIELS JESS D	926 L STREET	CENTRALIA	WASH	98531	FURNISS ALAN B	294 E 50 N	SMITHFIELD	UTAH	84335
DANIELS KENNETH M	240 NOWELL AVENUE	JUNEAU	ALASKA	99801	GARNNEY WILLIAM S CMDR	US NAVAL TR CTR	WHITESTONE	NEW YORK	11357
DANIELS LARRY L	BOX 475	RIGGINS	IDAHO	83549	GALBRAITH MARLIN C	3082 CIRCLE WAY DR	ODGEN	UTAH	84043
DANIELS WILEY W	BOX 932	SALMON	IDAHO	83467	GALE LEE R	427-11TH AVE	ST MARIES	IDAHO	83861
DARST EDWARD J	403 SECOND BOX 471	LAKE CITY	CALIF	96115	GALUSHA CHARLES	119 RODGEWOOD DR	RASIN	WYOMING	82401
DAVIDSON WILLIAM J	3131 COUNTY CLUR	INSACRAMENTO	CALIF	95821	GANSEL CHARLES R	BOX 125	LAKE CITY	FLORIDA	32055
DAVIS BRENNAN B	OKANOGAN NAT FOREST	WINTHROP	WASH	98862	GARDNER GEORGE R	635 3RD AVE W	GALESVILLE	WISCONSIN	54630
DAVIS JERRY A	KANIKSU NAT FOREST	TROUT CREEK	MONTANA	59822	GARDNER RAYMOND C	DEPT FOR AUBURN U	AUBURN	ALABAMA	36830
DAVIS MERRILL S	5165 CARLINGFORD	RIVERSIDE	CALIF	92504	GARLAND CRAIG W	619 1/2 8TH AVE	KALISPELL	MONT	59901
DAVIS ROBERT	SOILS UNIV OF CALIF	RIVERSIDE	CALIF	92507	GARRETT ALLEN E	2232 18TH STREET	LEWISTON	IDAHO	83501
DAVIS STERLING P	140 NORTH 18TH AVE	POCATELLO	IDAHO	83201	GARTEN ROY E	614 REED LANE	CHEHALIS	WASH	98532
DAY STANLEY G	GENERAL DELIVERY	HINES	OREGON	97738	GARTEN WILBUR V	BOX 1275	ABERDEEN	WASH	98520
DEAN DANIEL L	128 NORTH 14TH ST	POCATELLO	IDAHO	83201	GARTHE GERALD M	STATE U COL	ORUFINO	IDAHO	83544
DECKER IVAN C	WASHOUGAL HONOR CPM	WASHOUGAL	WASH	98671	GENAUX CHARLES M	CULLINS PINE CO	SYRACUSE	NEW YORK	10310
DEMEYER JOHN R	1394 VALENTEA DRIVE	MOSCOW	IDAHO	83843	GHEEN EDWARD C	200 DURIAN DRIVE	WARREN	PENN	16365
DEPREE JAMES W	FOREST SERV BLDG	KEMMERER	WYO	83101	GIBBONS CHARLES W	200 DURIAN DRIVE	ONTARIO	OREGON	97914
DESHLER WILLIAM D	1605 INDIANA NE	ALBUQUERQUE	N M	87110	GIBBONS CHARLES W	RED ROCK LK NW REF	MONTEIDA	MONTANA	59744
DEWEY LYNN M	N 218 LIFEALLEN	MOSCOW	IDAHO	83843	GILBERT JERRY L	RT #1 BOX 15	SOUTHWICK	IDAHO	83550
DICK JAMES JR	411 REYNOLDS AVE	CENTRALIA	WASH	98531	GILBERT RUFUS S	DAVEY TREE EXPERT	DORSET	VERMONT	05251
DIFENDERFER JAMES D	1714 ARBS	BOISE	IDAHO	83705	GILBERTSON HENRY W JR	BOX 1728	KENT	OHIO	44240
DILON COL FRANCIS H	9204 MARIA AVE	GREAT FALLS	VA	22066	GILES THOMAS F	1911 N BEACH	SANTA FE	N MEXICO	87501
DISSELBRETT DAVID A	1239 CHESTNUT #13	CLARKSTON	WASH	98055	GILLETTE JACK F	909A PINE ST	BOISE	IDAHO	83704
DITTMAN CLARENCE P	766 LIBERTY ST	AURORA	ILL	60505	GILLHAM NORMAN F	US FOREST SERVICE	BENTON	KENTUCKY	42025
DIXON GERALD E	ENTIAI RANGER STA	ENTIAI	WASH	98822	GILLES HARVEY E	1621 N KENT ST #810	ORRIGGS	IDAHO	83422
DODD JACK B	BOX 816	WHITEFISH	MONT	59937	GLAZERBROOK THOMAS B	2353 OKAWAY TERRACE	ARLINGTON VA	22209	
DOLL GILBERT R	3034 CIRCLE WAY	UGDEN	UTAH	84403	GLEEVER WILLIAM W	30 MP GP (C1)	EUGENE	ORE	97401
DOTY ROBERT D	ROUTE 1	ENDICOTT	WASH	99125	GLENCROSS HAROLD J	FT MCPHEARSNGA			30330
DOUGLAS DONOVAN L	6822 NORTHVIEW	BOISE	IDAHO	83705	GLOVER ROBERT K	MURPHY LK RANGE	STAFORTINE	MONT	59918
DOUGLAS JOHN F	655 CODY COURT	DENVER	COLORADO	80215	GODDARD MILTON E	RR #1	NELSON	B C	
DOUPE WOODROW W	USFS 210 MAIN ST	BOISE	IDAHO	83702	GODEL CARL J	PO BOX 1	LAGRANDE	ORE	97850
DOWNING JOSEPH C	MANTI RANGER DIST	MANTI	UTAH	84642	GODOLBUM RUDOLPH	RUX 37C	HAYDEN LAKE	IDAHO	83835
DREW LARRY A	BOX 22613	RDRRINSDALE	MINN	55422	GOLDING EDWARD J III	CASILLA 57	CAOUIENES	CHILE	
DRIVER WILLIAM R	305 E STORY	ROZEMAN	MONTANA	59715	GOLDSMITH WARREN H	741 N DAVIS	WEED	CALIF	94094
DUDLEY ROBERT R	928 E D ST	MOSCOW	IDAHO	83843	GOLLAHER JOHN R	669 CALINA WAY	LOS ALTOS	CALIF	94022
DUFFY JERRY L	BOX 475	ELK CITY	IDAHO	83525	GOOD VERNON A	414 ALDERWAY BLDG	PORTLAND	ORE	97222
DUNGAN JAMES L	5552-35TH NE	SEATTLE	WASH	98105	GORSUCH HOWARD L	RT 1 BOX 278	COLVILLE	WASH	99114
DUNN CHARLES A	PO BOX 122	ST JOHN	WASH	99171	GOSLING KENNETH R	USFS	KALISPELL	MONT	59901
DUTTON LAWRENCE A	PO BOX 1992	ANCHORAGE	ALASKA	99501	GOULD VIRGIL A	2150 WELLINGTON RD	MNEOLA	NEW YORK	11501
EASTERRICK PAUL W	RT 2 BOX 271-A	EMMETT	IDAHO	83617	GOYER RICHARD A	6120 CENTURY AVE	MIDDLETON	WISCONSIN	53567
EBERHARD MILTON K	ROUTE 2	BLACKFOOT	IDAHO	83221	GRAMM JAMES R	600 S WALNUT	BOISE	IDAHO	83704
EDEFSEN JIM	1202 LONGMONT AVE	BOISE	IDAHO	83706	GRAMM DONALD P	6809 GILLINGS ROAD	SPRINGFIELD	VIRGINIA	22150
EDMONDSON ELDON H JR	45C N FAIRWAY	PULLMAN	WASH	99163	GRAMHAM GUY C	RUX 155	LEWISTON	IDAHO	83501
EDWARDS CHARLES H	5818 CLOVER DR	OAKLAND	CALIF	94618	GRAVELLE PAUL J	USS TILLANK ATA-192	SAN FRAN	CALIF	96601
EDWARDS DOUGLAS F	822 ST MARIES AVE	COEUR DALENE	IDAHO	83814	GRAY DALLAS N	6704 CASSELBERRY W	SAN DIEGO	CALIF	92119
EDWARDS MILTON R	186 ORR ST	AUBURN	CALIF	95603	GRAY GENE M	ROUTE #2	HANSEN	IDAHO	83334
EGGER BRUCE E	RUX 754	POMEROY	WASH	99347	GRAY JOHN W	4641 WESTON ROAD	LAMESA	CALIF	92041
EGGLESTON JAMES EUGENE	1114 NO 31ST ST	RILLINGS	MONT	59101	GRECO VERNELDO	PO BOX 194	TAYLOR	ARIZ	85939
ELG HAROLD CARL	341 LAVA STREET	IDAHO FALLS	IDAHO	83401	GREEN ROBERT L	2530 GRANUVIEN	HLVDWAUKESHA	WISCONSIN	53186
ELLER DOUGLAS D	RT 1 BOX 1-A	MILTON	FLA	32570	GREENE EDWIN G	RT 1	PLUMMER	IDAHO	83851
ELLER NANCY K	739 N CITRUS ST	PENSACOLA	FLA	32505	GREENFIELD SAMUEL F	SOIL CONSERVAT SER	RENO	OREGON	97701
ELLIS FRANCIS G	RR 1 BOX 146	CHEHALIS	WASH	98532	GREENWAY GORDON H	4703 BRAND STREET	BOISE	IDAHO	83705
ELLISON IRWIN D	2593 LIFE SCI U	CALREKREKEY	CALIF	94720	GREGG JAMES B	SEATTLE GUN CLUB	RENO	WASH	96052
EMERSON LAURENCE N	1387 1/2 SUNSET AVE	ARCATA	CALIF	95521	GREGG JAMES B	S DAKOTA STATE COL	BROOKINGS	S DAK	57006
EMERSON RAYMOND R	727 NW 35TH ST	CORVALLIS	ORE	97330	GRODUM JACK I	RT 2 BOX 16	SHERWOOD	OREGON	97140
EMMINGHAM WILLIAM H	7410 CLOVERNOOK	CINCINNATI	OHIO	45231	GROSVOLD HALLVARD	BOISE CASCADE CORP	COUNCIL	IDAHO	83612
EMMONS ROBERT H JR	RT 5 CRASER DR	BOISE	IDAHO	83705	GROVE GERALD H	119 OLD FEDERAL	BLOCCOLUMBUS	OHIO	43215
EMORY DONALD MILES	BUR OF LAND MGMT	COOS BAY	OREGON	97420	GROVER ERNEST T	3227 BINANZA LANE	CARSON CITY	NEVADA	89701
ENGLAND ALAN G	2412-5TH AVE SD	GREAT FALLS	MONT	59401	GROVES BRUCE V	6908 ASHLAND DR	BOISE	IDAHO	83705
ENGLER GEORGE N	612 BECH	KEMMERER	WYO	83101	GUERNSEY ROGER L	1303 ALBRIGHT ROAD	BOISE	IDAHO	83705
ENGSTROM LOUIS A	213 W FOSTER	COEUR DALENE	IDAHO	83814	GUERNSEY WILLIAM G	1806 HARRISON BLVD	BOISE	IDAHO	83702
ENSWIG JOHN CLIFFORD	635 SOUTH 4TH WEST	MISSOULA	MONTANA	59801	GUSTAFSON JOHN R	RUSSELL NATL RANGE	LEWISTON	MONTANA	59457
ERHART DENNIS R	14466 SE 16TH	BELLEVEUE	WASH	98004	GUSTAFSON PHIL S	1980 GARFIELD	CORVALLIS	OREGON	97330
ERICKSON DAVID L	816 GREENFIELD DR	COLUMBUS	OHIO	43223	GUTZMAN WILSON C	402 JULIE DRIVE	GALLUP	N MEXICO	87301
ESTES KENNETH	US FOREST SERVICE	SUSANVILLE	CALIF	96130	HAAG WILLIAM S	RUX 686	POST FALLS	IDAHO	83854
ESTHEIMER CARMON R	838 5TH ST SW	MINST	N D	58701	HABIB PHILIP C	FOREIGN SER MAIL	RWWASHINGTON	D C	
EUBANKS JAMES O	INST OF PAPER CHEM	APPLETON	WISCONSIN	54911	HAGEDORN CHESTER L	28 NORTH WALNUT ST	DILLON	MONTANA	59725
EUBANKS THOMAS R	4805 SPRING CR RD	KNOXVILLE	TENN	37920	HAGSTEN JOHN E	TALMOUTH RURAL STA	DEER RIVER	MINNESOTA	556637
EVANS GARY R	123 IMPERIAL PLACE	POCATELLO	IDAHO	83201	HAIN HERBERT D	GROVELAND RANGER	STGROVELAND	CALIF	95321
EVANS GEORGE H	BOX 344	KETCHUM	IDAHO	83340	HAIGHT WILLIAM R	624 WYLDWOOD	ALAMEDA	IDAHO	83201
EVANS THOMAS C	320 W FILLMORE	COLOR SPRINGS	COLORADO	80907	HALL ARTHUR C	423 N 17TH STREET	COEUR DALENE	IDAHO	83814
EVERSON AXEL C	FORESTRY GOLD STATE	FOR COLLINGS	COLORADO	80521	HAMILTON WILBUR R	RUX 711	MTN HOME	IDAHO	83647
EYKRAUD EUGENE E	P O BOX RR	LOVELOCK	NEVADA	89419	HAMM HURLEY H	USFS	IRONWOOD	WICH	98388
EZEH IGNATIUS O	AGRICUL FORESTRY	ENIGU	NIGERIA		HAMNER BENG T H	612 SW 5TH ST	PENDELTON	OREGON	97801
FALLINI JOE T	RM 334 FEDERAL BLDG	ROISE	IDAHO	83702	HAMNER BENG T H	LK WENATCHEE RG	STALEAVENWORTH	WASH	98826
FANDRY DONALD D	ROUTE #2	POST FALLS	IDAHO	83854	HAMPF FREDERICK E	221 N NORWINDEN DR	SPRINGFIELD	PENN	19064
FARMER EUGENE E	WATER RES UTAH ST	ULOGAN	UTAH	84321	HANKS DAVID L	520 MCBRYDE W	MONTESANO	WASH	98407
FARMER LOWELL J	3239 CHICAGO AVE	RIVERSIDE	CALIF	92501	HANKS LEW E	PO BOX 1736	PALMER	ALASKA	99645
FARNSWORTH DENNIS I	1442 CHELTON RD	COLOR SPRINGS	COLORADO	80909	HANNA PAUL L	RUX 275	CLARK FORK	IDAHO	83811
FAULKNER DAVID R	WALLACE RANGER STA	WALLACE	IDAHO	83873	HANSEN EDWARD D	126 SE 5TH AVENUE	M-FREEWATER	OREGON	97862
FAVOR FRANK J	1036 N 23RD	COEUR DALENE	IDAHO	83814	HARBERD JAMES W	RUX 515	COUNCIL	IDAHO	83612
FEE MAX W	FEDERAL OFFICE	BLDGODGEN	UTAH	84401	HARDY WILLIAM E	VALHALLA MARINE RT	COEUR DALENE	IDAHO	83814
FELLIN DAVID G	USFS FEDERAL RLDG	MISSOULA	MONT	59801	HARLAN GEORGE W	1303 11TH ST	LEWISTON	IDAHO	83501
FENDER MONTE E	RUX 181	COOS BAY	OREGON	97420	HARLAN PAUL M	1155 LINDA VISTA	AVPASADENA	CALIF	91103

HARRIS CHALON A	RURAL ROUTE 3	FAIRFIELD	ILLINOIS	62R37	JAYNE REN A	COL OF FOR U OF W	SEATTLE	WASH	98105
HARRIS GRANT A	1401 UPPER DRIVE	PULLMAN	WASH	99163	JEFFERS DWIGHT N	4118 N 38TH	TACOMA	WASH	98407
HARRIS HAROLD L	BOX 415	ARERDEEN	IDAHO	R3210	JEMISON GEORGE M	637 AZALEA DRIVE	ROCKVILLE	MD	20850
HARRIS ROBERT W	4107 SW VERMONT	PORTLAND	OREGON	97219	JENNESS BENNING F	2318 N 172 ST	SEATTLE	WASH	98132
HARRIS RODNEY	RLM	MURLEY	IDAHO	R3318	JENSEN GENE S	735 E 14TH STREET	IDAHO FALLS	IDAHO	R3401
HARRIS THOMAS H	45 RALSTON AVE	MILL VALLEY	CALIF	94941	JEPPSEN MARVIN	7205 OAK RIDGE	KEATING	OREGON	97847
HARRISON DARROL L	US FOREST SERVICE	NYE	MONT	59061	JEPSEN STANLEY M	1825 NE SCHUYLER	CHEVY CHASE	MARYLAND	20015
HARRISON KENNETH E	BOX 653	SHOSHONE	IDAHO	R3352	JOHANNESEN MARK M	2090 THOMPSON RD	PORTLAND	ORE	97212
HARSHMAN EDMUND P	879 TAMARACK ST	EUGENE	ORE	97401	JOHNSON RAYMOND	ROX 109	COOS BAY	ORE	97420
HART GARY D	BOX 342	WALLACE	IDAHO	R3873	JOHNSON ARTHUR B	CASILLA 134	DROPTOWN	IDAHO	R3544
HARTLEY RICHARD F	4624 GAGE STREET	ROISE	IDAHO	R3704	JOHNSON CHARLES G JR	362 1/2 SE MAIN	COLLIPULLI	CHILE	
HATCH ALDEN B	303 N JEFFERSON ST	PETERBORO	NEW YORK	13134	JOHNSON DANIEL J	240 N SHELTON ST	BLACKFOOT	IDAHO	R3221
HATCH H T	1889 E WASH AVE	MOSCOW	IDAHO	R3843	JOHNSON DEAN W	441 PARK STREET	RICHLAND CTRNISC	IDAHO	53581
HATCH ROGER C	320 W FILLMORE ST	MADISON	WISCONSIN	53704	JOHNSON DENNIS F	ORE FOR PRO LAR	SUSANVILLE	CALIF	96130
HAUFF RICHARD T	PU BOX 4097	COLD SPRINGSC	IDAHO	R0907	JOHNSON FREDERIC D	2106 2ND ST	NATCHEZ	MISS	39120
HAUMONT THOMAS W	FOR SCIENCES LAB	PORTLAND	OREGON	97208	JOHNSON HOWARD W	1116 W BARCOCK #7	CORVALLIS	OREGON	97330
HAUPT HAROLD F	PO BOX 252	MOSCOW	IDAHO	R3843	JOHNSON JAMES W	515-12TH STREET	ROZEMAN	MONT	59715
HAUXWELL DONALD L	DIV FOR DIS RES CS	BLUE LAKE	CALIF	95525	JOHNSON KEITH A	RT 2 BOX 13	ALHAMBRA	CALIF	91801
HANKSWORTH FRANCIS G	1802 S 82ND ST	SUFORT COLLINSC	IDAHO	R0521	JOHNSON KENDALL L	624 N CURTIS	MCCALL	IDAHO	R3638
HAY JOHN A	1601 CRESTMOR PL	TACOMA	WASH	98408	JOHNSON LAWRENCE C	BOX #7	DALLAS	OREGON	97338
HAYES GEORGE L	607 W 109 TERRACE	FT CULLINS	COLO	80521	JOHNSON MICHAEL C	704 S 19TH	POCATTELLO	IDAHO	R3201
HAYES JOHN F	RT 1	KANSAS CITY MO	MO	64114	JOHNSON ROBERT A	DEPT OF INTERIOR	WASHINGTON DC	DC	20240
HAZELBAKER DON	PROF OF FOR UDC	BONNERS FRY	IDAHO	R3805	JOHNSON ROBERT H	185 S HOLLAND ST	DENVER	COLO	80226
HEADY HAROLD F	7012 HUMMEL DR	ROISE	IDAHO	R3705	JOHNSON ROBERT HOLM	GREEN HALL U OF MINST	PAUL	MINN	55101
HEANEY SAMUEL J	12 TOWER RD	HERKELEY	CALIF	94707	JOHNSON THANE J	1517 11TH AVENUE	LEWISTON	IDAHO	R3501
HECK DAVID W	SCS	ELKO	NEVADA	89801	JOHNSON VON JEROME	ROUTE 3	RUHL	IDAHO	R3316
HECKATHORN BIMEI R	PO BOX #5	CANBY	CALIF	97001	JOHNSON ROYAL H	DEPT ENTU U OF DEL	NEWARK	DELAWARE	19711
HEEBNER GORDON C	RT 1 R252 CLARK RD	E LANSING	MICH	48823	JONES JOHNNY J	RUX 415	WEST POINT	VIRGINIA	23181
HEEZEN KEITH L	C/O AL J HEIMER	SEELY LAKE	MONT	59868	JONES ROBERT E	1763 WAINWRIGHT DR	RESTON	VIRGINIA	
HEFFNER PHILLIP M	MISS ORIENTAL CEN	MENTOR	KANSAS	67445	JONES WILLIAM D	2448 URISPO DR	MEOFORD	ORE	97501
HEIMER JOHN T	PO BOX 209	STONY POINT	NEW YORK	10980	JUDS RICHARD H JR	PO BOX 602	ISLAND CITY	OREGON	97851
HEINRICH RICHARD	PO BOX 209	FRUITLAND	IDAHO	R3619	JUDD HUGH D	RT 1	RUHL	IDAHO	R3316
HEINZ THOMAS A	PO BOX 56	DECORAH	IOWA	52101	KAEKCHER TERRY W	BOX 2278 RT RGR	STKETCHIKAN	ALASKA	99901
HEISER FLOYD R	PO BOX 152	NEWPORT	WASH	99156	KALK GORDON F	1010 CALIFORNIA	LIRRY	MONT	59923
HEITHAM ALEXANDER JR	DIST RANGER USFS	SUNDL	CALIF	94586	KAPEL FRANK J	132 9TH AVE SW	CALGARY	ALBERTA	
HELLE JOE T	RIOLOGICAL LAB	BIG TIMMER	MONT	59011	KASPER JAMES B	TIGER ST RT R3 39-40	COLVILLE	WASH	99114
HELLER THOMAS H	RIOLOGICAL LAB	AUXE RAY	ALASKA	99821	KASTBERG RUSSELL P	PO BOX 417	PESHASTIN	WASH	98847
HENDERSON CLIFFORD J	RLM DENVER SER CEN	ROISE	IDAHO	R3705	KAUFFMAN LYLE R	SALMON RIVER DIST	RIGGINS	IDAHO	R3549
HENTGES ROBERT J	BOX 552 ALR FOR SERFT	MCMURRAY	ALBERTA		KAYE DAVID M	2305 SE 121ST #14	PORTLAND	ORE	97216
HERBERT JOHN M JR	N CASCADES NAT PARK	MARKLEUMONT	WASH	98267	KEATING JAMES F JR	704 RYDEN	LEWISTON	IDAHO	R3501
HERBST JOHN R	RT 5	PRIEST RIVER	IDAHO	R3856	KEENEY LARRY M	PO BOX 628	SHOSHONE	IDAHO	R3352
HERMAN KENNETH E	U OF I COL OF FOR	MOSCOW	IDAHO	R3843	KEHRER KENNETH	BOX #5	MERCED	CALIF	95360
HERKIN JOHN O JR	WASH ST DEPT NA RES	RESVANCOUVER	WASH	98661	KEITLER RAYMOND C	505 REST AVE	COEUR DALENE	IDAHO	R3814
HERTEL JAMES P	3363 L ST	EUREKA	CALIF	95501	KEMP PAUL D	1829 TRAIL ST	MISSOULA	MONT	59901
HESS DENNIS E	BOX 123	PITSLATCH	IDAHO	R3855	KENNEDY FRED H	RT 1 BOX 154A	AUSTIN	COLO	81410
HICKS GEORGE W	4308 FORTUNE AVE	LAS VEGAS	NEVADA	89107	KENNY JOHN P	C/O R OF L M	COOS BAY	OREGON	97420
HIGGINSON LELAND C	BOX 4	FERWOOD	IDAHO	R3830	KENNON PAUL G	603 E A	MOSCOW	IDAHO	R3843
HILL EDWARD R	1037 E JACKSON	COLD SPRINGSC	IDAHO	R0907	KENYON WALLACE E	BOX 127	KELLOGG	IDAHO	R3837
HILL ROBERT R	620 S MONTANA AVE	MILES CITY	MONTANA	59301	KEUTER DONALD J	28 OLD HOOK RD #3	WESTWOOD	N J	07675
HIRONAKA MINORU	200 DAVEY GLEN RD	ADRELMONT	CALIF	94002	KIFFMANN HELMUT D	10 EVERGREEN AVE	VINELAND	N J	08360
HIRSCHBERG SAUL R	921 MAYHELLE	MOSCOW	IDAHO	R3843	KILJANCZY CHARLES J	PO BOX 648	LEWISTON	IDAHO	R3501
HITT WRIGHT	RT 2 BOX 322A	M-FREEWATER	OREGON	97862	KIMPTON DAVID R	ROUTE 2	TWIN FALLS	IDAHO	R3301
HJORT GEORGE V	121 POWERVILLE RD	MT LAKES	N JERSEY	07046	KIMPTON LLOYD G	1815 S ASH PARK LN	ROISE	IDAHO	R3705
HOBBA ROBERT L	111 CRESTLINE DR	ROISE	IDAHO	R3705	KIMSEY DWIGHT W	S C S	WINNEMUCCA	NEVADA	89445
HOBBS BENNIE C	USFS USDA S HLDG	WASHINGTON DC	DC	20250	KINDEL FREDRICK J	1104 THEB WAY	SACRAMENTO	CALIF	95822
HUCH FRANCIS E	116 MURRAY STREET	ROISE	IDAHO	R3704	KINDSCHY ROBERT R JR	RUX 306 RLM	VALE	OREGON	97918
HUCKADAY JAMES M	132 N MASON AVE	CHICAGO	ILL	60644	KING JAMES E	ROUTE 3 BOX 124	CENTRALIA	WASH	98531
HODDER RICHARD L	PAYETTE NATL FOREST	MCCALL	IDAHO	R3638	KING MALCOLM D	RT #1 BOX 129	UKIAH	CALIF	95442
HODGE RICHARD S	PORCUPINE RANCH	GALLATIN GTYMONT	MT	59730	KING MAX R	U S FS PO BLDG	ELKO	NEVADA	89601
HODGES CHARLES S	BOX 446	WALLACE	IDAHO	R3873	KINKADEE CHARLES R	2504 DAVIS ST	BOISE	IDAHO	R3702
HOFSTRAND ARLAND D	BOX 5397 ST COL	STARALEIGH	N C	27607	KIRKPATRICK ROBERT JR	# 1 M	ROCKY ROY ROUTE	ROX ELDER	MONT
HOFSTON ARLAND D	615 S HUCKNELL AVE	CLAREMONT	CALIF	91711	KISSKA LESTER	U S WEATHER BUREAU	PORTLAND	OREGON	97401
HOLBERT GEORGE K	COL OF FOR U OF I	MOSCOW	IDAHO	R3843	KIZER RALPH D JR	5587 HIGHBURY ST	VANCOUVER	B C	
HOLMES LEE M	8718 CROWELL DR	DRIVESPRINGFIELD	VA	22151	KLASON RICHARD P	OTTAWA NAT FOR USFS	IRONWOOD	MICHIGAN	49938
HOLT BURTON W	229 RENTLY DR E	FAIRBANKS	ALASKA	99701	KLEHM DAVID S	UTAH DEPT OF FOR	SALT LAKE	CYUTAH	84110
HOLT BURTON W	3342 WASHBURN AVE	MINNEAPOLIS	MINN	55412	KLIEWER ROBERT H	KALISPELL LUMBER	COXALISPELL	MONTANA	59901
HOLTRY RALPH B	503 HUNTER ST	MOSCOW	IDAHO	R3843	KLOPFENSTEIN LARRY W	W 218 36TH	SPOKANE	WASH	99203
HOLTON CARL L	7028 STANLEY AVE	ST LOUIS	MISSOURI	63143	KNAPP DAVID L	LAKE ARROWHEAD RGR	SKY FOREST	CALIF	92385
HOOK JOHN R	USFS KELLY CR RG	STPIERCE	IDAHO	R3546	KNAPPEK WILLIAM P	1000 1ST AVE WEST	SEATTLE	WASH	98119
HOOKER LARRY L	ROUTE 1 BOX 880A	MTN HOME	IDAHO	R3847	KNUTSON DAVID C	BOX 288	NEW MEADOWS	IDAHO	R3654
HOOTS THOMAS A	203 FLURIBEL AVE	SAN ANSELMO	CALIF	94960	KOCH CHRISTIAN B	DUKE UNIV SCH FOR	DURHAM	N C	27706
HOPPER ROBERT E	CMR#3 BOX 5944 APD	SAN FRAN	CALIF	94553	KOKKO GEORGE K	7300 132 AVE NE	KIRKLAND	WASH	98033
HOPPIN WILLIAM W	1247 E NEWTON ST	SEATTLE	WASH	98102	KOLAR FRANCIS L	506 LEWIS ST	MORGANTOWN	N VA	26505
HORN FREDERICK W	PO BOX 357	COLUMBIA	SC	29202	KOPPEL HERMAN M	1005 OAK	DECATUR	GA	30033
HORN RICHARD L	RUH 313	PALOUSE	WASH	99161	KOSKELA HOWARD R	21901 S3W	MOUNTLAKE TRUSH	WASH	98063
HORN WILLIAM J	U OF CAL DEP ENTU	DAVIS	CALIF	95616	KOTIKY ROBERT H	136 S VA VISTA DR	ROISE	IDAHO	R3705
HORNUNG DONALD S JR	1842 CEDAR STREET	ELKO	NEVADA	89801	KOWALSKY STEPHEN I	FIRE (FF) PAYETTE NF	MCCALL	IDAHO	R3638
HOSKINS LEONARD W	USFS	DEER LODGE	MONT	59722	KOWAN JOHN P	BX 1209 CLEARWTR	NFDROPTOWN	IDAHO	R3544
HOSKINS PAUL A	BOX 145	HOPE	IDAHO	R3863	KRAEMER DR JOHN H	MALHEUR NF	JOHN DAY	ORE	97845
HOSS STEVEN A	U OF M WOOD CHEM	ST PAUL	MINN	55101	KRAJEWSKI RICHARD M	RR #1 BOX 52A	DU QUOIN	ILLINOIS	62832
HOSSFELD RALPH L	SYLVANITE RGT ST	TIPTON	MONT	59935	KRANTZ WILLIAM C	161 BALLANTYNE	ROADSYRACUSE	N Y	13205
HOUSE GEKALD O	RT 2 BOX 1351	LIRBY	MONT	59923	KRIER JOHN P	2215 E WYLLYS CT	MIDLAND	MICH	48640
HOWARD DAVID R	PO BOX 800	ONTARIO	CALIF	91761	KRINARD ROGER M	735 E 11TH ST	IDAHO FALLS	IDAHO	R3401
HOWLAND JAMES R	HOOKER 723	PLYMOUTH	N C	27962	KRUEGER OTTO C	PATTEE CANYON DRIVE	MISSOULA	MONTANA	59801
HOWSE NORMAN R	2321 VALLEY VIEW	MISSOULA	MONT	59801	KRUMMES WILLIAM T	DELTA BRANCH EXP	STSTONEVILLE	MISS	38776
HOYE JOHN	217 SALERNO RD	FORT ORD	CALIF	93941	KUHNEN ROY C	PO BOX 3227 R L M	SALEM	ORE	97302
HROXEC BRUCE R	1358 LEWIS DRIVE	OGDEN	UTAH	84404	KUHNEN ROY C	RUR SPT FISH & WLD	FOALBUQUEROUE	N M	87101
HSTEH KUD-TSING	PO BOX 126	MT CARROLL	ILL	61053	KUENNEN LOUIS J	U S F S	CREDEE	COLO	81130
HSTEN LIANG	FORESTRY U OF I	MOSCOW	IDAHO	R3843	KYLE ALLAN D	LULO NATL FOWEST	MISSOULA	MONTANA	59801
HUBBELL EARL J	1314 N PUGET ST	OLYMPIA	WASH	98501	KYTONEN AL E	11932 MANOR DR #8	HAWTHORNE	CALIF	90250
HUBER DEAN W	1041B-24TH AVE E	TACOMA	WASH	98445	LACHER THEODORE V	2304 11TH AVE	LEWISTON	IDAHO	R3501
HUBERT JEFFREY J	U OF A PL PATH DEPT	TUCSON	ARIZONA	85721	LACY THOMAS F	2482 JOINER COURT	DECATUR	GA	30033
HUDSON RUSSELL H	PO BOX 24	LIRBY	MONT	59923	LADLE JOSEPH W	1832 VINEWOOD BLVD	ANN ARBOR	MICH	48104
HUFF WALLACE M	KOOTENAI NATL FOR	TROY	MONT	59935	LAFFERTY GEORGE E	BOX 292	SALMON	IDAHO	R3467
HUGHES JOHN M	GLIDE RANGER STA	GLIDE	ORE	97443	LAGE CLARENCE L JR	USFS 1ST NAT RANK	GOLDEN	COLO	80401
HULTMAN ANDERS B	VERADALE	WASH	99037	LAND HENRY C JR	RT 2 BOX 135	KAMIAH	IDAHO	R3536	
HUME JOHN F JR	818 THIRD STREET	LEWISTON	IDAHO	R3501	LANGE KEITH D	RR #3	PO BOX 536	FORT BRAGG	CALIF
HUNGERFORD CHARLES R	ZOOL DEPT U OF ARIZ	TUCSON	ARIZ	85721	LANNAN ROBERT J JR	PO BOX 334	CHARLESTON	S C	29402
HUNGERFORD KENNETH E	COL OF FOR U OF I	MOSCOW	IDAHO	R3843	LARSEN ALBERT T	1269 LENEVAR DR	CHARLESTON	S C	29407
HUNGERFORD ROGER D	FSL 1221 S MAIN	MOSCOW	IDAHO	R3843	LARSON DONALD S	312 F SPRUCE ST	SLT ST MARTEMICH	ORE	97303
HUNT JOHN D	COL OF FOR UTAH ST	LOGAN	UTAH	84321	LARSON LESLIE L	4898 CARMEN AVE N	SALEM	ORE	97303
HUNT LOUIS D	DEER PARK	WASH	99006	LATHEN CLIFFORD F	CUSTICK	WASH	99119		
HUNTER HAROLD C	2989 INDIAN CRK DR	BISHOP	CALIF	93514	LATHROP ROBERT G	WESTMINSTER	MASS	01473	
HUTCHINS FLOYD E	C/O L E HUTCHINS	WEIPPE	IDAHO	R3553	LAUREN THOMAS H	MOSCOW	IDAHO	R3843	
HUTCHINSON EARL R	1003 CASTLEROCK DR	FORT COLLINSC	COLO	80521	LAVEN EDWARD E	1210 BRYANT	WALLA WALLA	WASH	99362
HYDE NEIL S	PO BOX 1048	WHITEFISH	MONT	59937	LAWSON JOHN F	PO BOX 740	JUNEAU	ALASKA	99801
HYDER DONALD N	RM 272 S HALL C S	UFORT COLLINSC	COLO	80521	LEA GEORGE JR	104 LEGGETT	DILLON	MONT	59725
IMCARD ALLEN W	PO BOX 531	ARERDEEN	IDAHO	R3210	LEACH HOMER P	4513 QUALITY ST	FAIRBAX	VA	22030
INGHOFF LEO F	4119 ANITRA CIRCLE	COLD SPRINGSC	IDAHO	R0907	LEACH TED	PO BOX 247	DEATH VALLEY	CALIF	92328
INGERSOLL THEODORE R	206 S WASHINGTON	PRESCOTT	ARIZ	86301	LEAVELL WILLIAM G	EMORY HALL LOGGING	ELK RIVER	IDAHO	R3827
INT-HOUST PATTERSON B	USFS HEWATCHEE N F	HEWATCHEE	WASH	98801	LEHARRON RUSSELL K	RUR LAND MANAGEMENT	PRICE	UTAH	84501
JACKSON JAMES K	2538 MAKIKI HEIGHTS	HONOLULU	HAWAII						

LENN JUN II	12915 63 AVENUE	EDMONTON	ALBERTA	MILLER WILLIAM N	BOX 308	SILVER CITY N MEXICO	88061
LENT GARY L	ROUTE #2	BLACKFOOT	IDAHO	MITCHELL ROBERT C	BOX 786	MARSING	IDAHO
LENZ BERNARD L	3778 SCHNEIDER ROAD	TOLEDO	OHIO	MITCHELL WALTER P	RT 1 BOX 152-C	WILLOWS	CALIF
LEONARD CECIL E	322 MARION AVENUE	SANDPOINT	IDAHO	MIZUKI JAMES H	5414 23RD AVE SO	SEATTLE	WASH
LETON CLAIRE E	122 W 4TH AVE	CHEYENNE	WYO	MOHAN JOSEPH M	651 W 2ND STREET	PRINEVILLE	OREGON
LEVY SEMDOR H	RD #9 BOX 960	TUCSON	ARIZONA	MOLBERG JOHN M	809 BRANDED ST	BOITINEAU N D	58318
LEWIS GARY M	4332 BRISPECT DRIVE	CARMICHAEL	CALIF	MONTGOMERY PETER L	BOX 51	METALINE FL	WASH
LIRSTAFF ELDON D	EVERGREEN TRLR	PARKMUSCOM	IDAHO	MONTGOMERY WILLIAM C	303 N PROSPECT AVE	LEWISTON	IDAHO
LIEURANCE MAXWELL T JR	RUR LAND MANAGEMENT	VALE	OREGON	MOJAW JAMES C	605 BELMONT	CALDWELL	IDAHO
LIEVSAY LARRY R	2822 N 32ND ST	HOISE	IDAHO	MOJAW JOHN A	UNIV OF HAWAII	HONOLULU 14	HAWAII
LIGHT JEROME T JR	1022A GAUL WAY	SPRING VALLEY	CALIF	MOORE DAVID H	BOX 496	MEADOWS	IDAHO
LINDEN JAMES P	ST JOE NATL FOREST	ST MARIES	IDAHO	MOORE RUSSELL T	3008 ARMADA ST	PT COQUILTAM	C
LINDERBERG RALPH D	6904 COVINGTON #229	FORT WAYNE	IND	MORGANROTH EARL S	ROUTE 2	WENDELL	IDAHO
LINDSAY CLIVE J	1950 COMANT AVE	HURLEY	IDAHO	MORSE RICHARD N	1627 SUNSET	SEATTLE 16	WASH
LINDSTROM THOMAS C	105 N ENGLAND #G-2	SUMMIT	N J	MORSE RICHARD N	RT 2 BOX 46	COEUR DALENE	IDAHO
LITTLE DAVID L	1700 SOUTH LATAH	HOISE	IDAHO	MORSE RICHARD N	CAL WESTERN UNIV	SAN DIEGO	CALIF
LLOYD DR RUSSELL D	1201 GREEN ST	FT COLLINS	COLORADO	MORSE RICHARD N	USFS	RAWLINS	WYO
LLOYD JOSEPH D JR	PU BOX 3141	PORTLAND	OREG	MOSS VIRGIL D	SOUTH 157 HOWARD	STPOKANE	MONT
LLOYD WILLIAM J	304 LANGFORD RD	BROOMALL	PENN	MUEGLER WALTER F	INT FERTS MSC	BOZEMAN	WASH
LODELL CHARLES H	9330 CHERRY HILL	KOCILLEGE PARK	MD	MUELLER WALDERMAR	BOX 164	DUROIS	IDAHO
LOCKARD GORDON R	1804 MILO WAY	EUGENE	OREGON	MUNTHE RERT P	FOREST PROD LAB	MADISON	WISC
LODGE ROBERT W	ROUTE 780 EXPT STA	SWIFT CURRENT	SASKATCHEWAN	MURPHY GREG L	625 EAST 17TH	IDAHO FALLS	IDAHO
LOGAN ERNEST A	TRIOY	IDAHO	83871	MURPHY BERNARD C	RT 3 BOX 176A	DEER PARK	WASH
LOHMAN RICHARD G	WEYERHAEUSER	CIRIS RAY	OREGON	MYERS EDWARD D	MINIER	ILLINOIS	61759
LOONEY RICHARD E	191A CHERRY	BAKER	ORE	MYERS ROBERT L	517 NORTH 64TH ST	RISMARK	N D
LORAIN GARWIN	501 E RANCHO DR #975	PARKS	NEVADA	MYSTER THOMAS W	2801 S 15TH ST	SHERBOGAN	WISC
LORD PHILIP R	LASSAN NAT FOREST	SUSANVILLE	CALIF	NAAR WALTER P	14309 SE ALDER ST	PORTLAND	OREGON
LURENZ JERRY W	ST REGIS PAPER CO	GLENNWOOD	WASH	NADEAU LEON R	BOX 663	CASCADE	IDAHO
LORTS JACK G	710 NE HULLADAY ST	PORTLAND 12	OREGON	NAUGHTON VINCENT J	CROWN ZELLERRACH	CATHLAMET	WA
LOW WILLIAM W	109 NEW CASTLE ROAD	SYRACUSE	NEW YORK	NEAL RICHARD H	1101 N 16TH ST	BOISE	IDAHO
LUCAS WILLIAM J	11512 DEUKAH DRIVE	POTOMAC	MD	NEEF THEODORE F	3003 SUNSET AVE	BOISE	IDAHO
LUND ROBERT H	555 KORDOVA RM 504	ANCHORAGE	ALASKA	NEGLAY STANFORD B	STAR ROUTE	OAKRIDGE	OREGON
LUSCHER CHARLES W	7016 VAGAROND DR	FALLS CHURCH	VA	NEGUS FREDERICK L	C/O D M MOHNEY	HAVILAND	KANSAS
LUTZ WAYNE R	8351 GRIDLEY AVENUE	WAIWATOSA 13	WISCONSIN	NELSON ARTHUR W	413 IDAHO ST	HAMILTON	OHIO
LYNCH JAMES	R10 SHERMAN	COEUR DALENE	IDAHO	NELSON DEVON D	143 S KELSEY ST	ROISE	IDAHO
LYNGSTAD JOHN D	1222 S DUDLEY ST	DENVER	COLORADO	NELSON HARVEY F	1016 E 9TH ST	MONROE	WA
LYONS RAYMOND D	RT 2 BOX 980	CAMAS	WASH	NELSON LT JG D G	371 RUSSE HWY 2C	SHELDON	IOWA
MAC GREGOR WARREN S	B L H	SPIKANE	WASH	NELSON TERRY L	63 N 3RD WEST	PARK RIDGE	ILL
MAGNUSON GERALD E	29 ORANGE DRIVE	JERICHO	NEW YORK	NELSON WILBUR L	NERMOE PALMER J	REXBURG	IDAHO
MAKARA FRANK R	BOX 372	CASCADE	IDAHO	NERMOE PALMER J	NERO EDWARD T	UPHAM	N DAKOTA
MALANY HERBERT S	MALHATRS ST	JAMMU	INDIA	NESS DARWIN D	1193 RALEIGH	SUNNYSIDE	WASH
MALHOTRA DEES R	ROUTE 1	SAGLE	IDAHO	NEW DOUGLAS W	324 PARK AVENUE	ST PAUL	MINN
MALLET JERRY L	PO BOX 284	KAMIAH	IDAHO	NEWCOMB LAWRENCE S	101 DARTMOUTH AVE	MULLAN	IDAHO
MALLORY WALTER A	4401 N RUBY ST	SCHILLER PK	ILL	NEWCOMB RUSSELL L	USFS	AVON EST	GEORGIA
MALONEY RALPH B	105 WATER STREET	PALOUSE	WASH	NEWCOMB RUSSELL L	17760 OVERLOOK CIR	NEW MEADOWS	IDAHO
MALSED DAVID E	RM 4092 STATE BLDG	FRESNO	CALIF	NEWCOMB RUSSELL L	USFS	LAKE OSWEGO	ORE
MANN PAUL T	353 CRESCENT DRIVE	SYCAMORE	ILLINOIS	NEWELL MARVIN E	USFS	GARDEN VAL	IDAHO
MANNING JOHN E	IDA STATE OFFIC	ELMHURST	IDAHO	NEWMAN RULON J	ROUTE 2	RIGBY	IDAHO
MAPLE DR ROBERT	45 BAYSHORE DR #11	OTTAWA 14	ONTARIO	NICKLE DR WILLIAM R	USDA ARS CRD	BELTSVILLE	MD
MARCH MAURICE W	MONT FISH & GAME	RED LODGE	MONT	NIELSEN EUGENE P	7810 MARTIN WAY	OLYMPIA	WASH
MARCH RICHARD M	H M ALBRIGHT CENTER	GRAND CANYON	ARIZ	NIETZOLD GEORGE E	13600 W GRAHAM ST	NEW BERLIN	WISC
MARCHAND LEONARD S	1430 BRYDEN DRIVE	LEWISTON	IDAHO	NIELSEN EUGENE P	916 FOSTER AVENUE	COEUR DALENE	IDAHO
MARCUSON PATRICK E	PU BOX 308	BRIDGEVILLE	CALIF	NIEZOLD GEORGE E	2426 FILLMORE AVE	ODGEN	UTAH
MARR GALEN R	C/O ALM	HOISE	IDAHO	NOBLE EDWARD L	MCCALL MED CLINIC	MCCALL	IDAHO
MARR WILLIAM R	USFS PD RLDG	ESCANARA	MICHIGAN	NORD DR EAMOR C	USFS PD BOX 5007	RIVERSIDE	CALIF
MARRON JAMES H	RLM PD BOX 1139	CIRIS RAY	ORE	NORMAN DENNIS E	1 AVENUE DU CHATEAU	MEUDON	FRANCE
MARSHALL FREDERICK W	RUR OF LAND MGMT	SAFFORD	ARIZ	NUGUES BERNARD H	820 DURANT STREET	ASPEN	COLORADO
MARSHALL MARVIN H	BUREAU OF LAND MGMT	SAFFORD	ARIZ	OBLOCK LOUIS W	FOR PRES DIST	COOK CO	ILL
MARTIN DONALD R	3470 10TH	BAKER	OREGON	ODD FRANK L	5615 PAGEANTRY ST	LONG BEACH	CALIF
MARTIN DOUGLAS M	190 MAE ST	UKIAH	CALIF	ODD FRANK L	AM PLYWOOD ASSOC	TACOMA	WASH
MARTIN GLENN F	322 12TH	ST MARIES	IDAHO	ODD FRANK L	UTAH STATE UNIV	LOGAN	UTAH
MARTIN JACK M	1255 SO ODGEN	DENVER	COLORADO	OGLE RICHARD A	USFS	GARDEN VAL	IDAHO
MARTIN LEO J	C/O BOX 477	HLAINE	WASH	OHMS CHARLES A	N 2410 BRADLEY RD	SPOKANE	WASH
MARTIN RONALD G	706 S ELM	COLVILLE	WASH	OJEN WAINE E	BOX 391	GLENN'S FERRY	IDAHO
MARTIN WARREN L	USFS	NEW MEADOWS	IDAHO	OLLIVIER MAX M	823 N FAIRVIEW	BURRANK	CALIF
MARTINSEN CHARLES F	ALM	VALE	OREGON	OLLIVIER MAX M	907 A PINEDELL	MANRUFKIN	TEXAS
MARYOTT GLENN A	345 S BRIDGE ST	ST ANTHONY	IDAHO	OLSON JACK D	811 SO 4TH	BOZEMAN	MONT
MATHIS DAVID D	1721 14TH ST SO	GREAT FALLS	MONT	OLSON JACK D	608 BLUE ST	RICHLAND	WASH
MATTHEWS DARREL I	959 EDGEWATER LN	HEND	ORE	OLSON ROBERT W	BOX 861	COEUR DALENE	IDAHO
MATTHEWS FRED W	630 SANSOME ST	SAN FRAN	CALIF	OLSON SCOTT W	1220 MARILYN DRIVE	ODGEN	UTAH
MATZKE VANCE G	1640 WILLOW LANE	TWIN FALLS	IDAHO	OPPE ROBERT S	201 STONE STREET	WALLA WALLA	WA
MATZNER FRED T	FORESTRY SCI LAB	ATHENS	GA	ORMISTON JOHN H	643 UTAH AVE	RUTTE	MONT
MAUL DAVID C	PAC NW FOR EXP STA	WENATCHEE	WASH	OSBORN FORREST G	721 IOWA ST	BOISE	IDAHO
MAUPIN LARRY S	712 TYLER ST	TEMPE	ARIZONA	OTTENFELD BRUCE B	RLM PD BOX 1045	ROSEBURG	OREGON
MC ALISTER ROBERT H	RD BOX 971	CORVALLIS	OREGON	OTTER FLOYD L	15 E DAYTON AVE	FRESNO	CALIF
MC CONNELL BURT R	12880 SW 121ST	TIGARD	OREGON	OWEN ROBERT C	18478 MARWICK BLVD	NEWPORT NEWS	VA
MC COLLOUGH CLAY V JR	U WASH GRAD SCHOOL	SEATTLE	WASH	PACHOTIKARN SOMPHONG	ROYAL FOR DEPT	BANGKOK	THAILAND
MC CULLOUGH DEARLE E	SCOTT PAPER CO	EVERETT	WASH	PAGELER DONALD T	3200 LENOX AVE	YOUNGSTOWN	OHIO
MC DONALD STEPHEN E	BOX 328	NESPELEM	WASH	PAINE LEE A	BOX 245	BERKELEY 1	CALIF
MC LAUGHLIN RAYMOND F	RT 1 BOX 307M	COEUR DALENE	IDAHO	PALISIN JAMES J	291 EAST 195 STREET	CLEVELAND	OHIO
MC LAUGHLIN ROBERT P	US FOREST SERVICE	MCCALL	IDAHO	PALISIN JAMES J	UN PUEBLLOS IND AG	ALBUQUERQUE	N M
MC MANAMON DONALD R	13672 HEWES AVENUE	SANTA ANA	CALIF	PARKER JOHN K	BOX 499	SITKA	ALASKA
MC MILLAN WILLIAM W	BOX 626	LEWISTON	IDAHO	PARKER JOHN K	208 S STOUT	BLACKFOOT	IDAHO
MC NAMARA WILLIAM S	107 ST HELENS PLACE	BEND	ORE	PARKER JOHN W	1119-37TH	ODGEN	UTAH
MC NAUGHTON FINLEY H	MCGRILLIS CARL P	WASHINGTON	D C	PARKER RICHARD D	BOX 95	CLARKIA	IDAHO
MC NEILL GARY R	MCCULLOUGH DEARLE E	TWIN FALLS	IDAHO	PARKIN KENNETH F	18 GLOVERHILL PARK	REFAST 4	N IRELAND
MC NEILL GARY R	MCDONALD STEPHEN E	LEWISTON	IDAHO	PARKS HOMER W	NEW MEADOWS	IDAHO	83654
MC NEILL GARY R	MCELMAIN KAYE F	LOS ANGELES	CALIF	PARR WILLIAM H JR	ROUTE 3 BOX 237	MOSCOW	IDAHO
MC NEILL GARY R	MCEWEN HAROLD R	NEW MEADOWS	IDAHO	PARSON WILLIAM J	3628 ROTH ST	ODWELL	N Y
MC NEILL GARY R	MCFREDERICK JACK W	SALMON	IDAHO	PARSONS DAVID E	ROUTE 1	DALLAS	PENN
MC NEILL GARY R	MCGEE JAMES R	REDDING	CALIF	PARSONS DONALD D	BOX 666	PORT ORFORD	OREGON
MC NEILL GARY R	MCGILL THOMAS F	ANCHORAGE	ALASKA	PARSONS PATRICK J	418 SUNNY ST	DEARY	IDAHO
MC NEILL GARY R	MCGRATH CHAD L	MIDDLETON	IDAHO	PASSMORE ROBERT W	7806 6TH AVE NW	BLACKFOOT	IDAHO
MC NEILL GARY R	MCGRATH PATRICK J	LONDON	ONTARIO	PATRIE CARTHON R	UNIV OF WISCONSIN	SEATTLE	WASH
MC NEILL GARY R	MCLVAIN BILLY G	HURLEY	IDAHO	PATTON ROBERT F	620 FIRST ST	MADISON	WISC
MC NEILL GARY R	MCKAHAN JAMES H	COEUR DALENE	IDAHO	PAULSON ANTON H	608 S 12TH STREET	HOQUIAM	WASH
MC NEILL GARY R	MCKEE BILL E	WASH	99218	PAYNE GENE F	304 MAIN ST	BOZEMAN	MONTANA
MC NEILL GARY R	MCKENDRICK JAY D	MANHATTAN	KANSAS	PEAIRS RUY S	4321 FORTUNA WAY	SALT LAKE	CYUTAH
MC NEILL GARY R	MCLAUGHLIN RAYMOND F	EUGENE	ORE	PECHARNEC JOSEPH F	3129 POLK AVE	ODGEN	UTAH
MC NEILL GARY R	MCLAUGHLIN ROBERT P	JOSHUA TREE	CALIF	PECK CHARLES S	BOX 236	FAIRFIELD	NEBRASKA
MC NEILL GARY R	MCMANAMON DONALD R	ORFINDO	IDAHO	PEDEKSON GARY L	1206 4TH ST	RISMARK	N D
MC NEILL GARY R	MCMILLAN WILLIAM W	SPOKANE	WASH	PEDERSON WILLIAM L	YELLOWSTONE R D	LIVINGSTON	MONT
MC NEILL GARY R	MCMAMARA WILLIAM S	ANNARREST	MASS	PENCE DAN T	US FOREST SERVICE	SALMON	IDAHO
MC NEILL GARY R	MCMONAGHAN FINLEY H	ANNADALE	VA	PENCE FRED C	RIDGEPORT R S	RIDGEPORT	CALIF
MC NEILL GARY R	MEDFORD RULON L	NAMPA	IDAHO	PENCE LEWIS L	501L CONSERV SER	POCATELLO	IDAHO
MC NEILL GARY R	MELSFNER GARY E	TONASKET	WASH	PENNEY JOHN G	EMMETT	IDAHO	83617
MC NEILL GARY R	MENEELY JAMES F	LEWISTON	IDAHO	PEREIRA RONALDO A	BOX 187 ROUTE 1	OMAK	WASH
MC NEILL GARY R	MERRICK CONRAD G	KALISPELL	MONT	PEREZ GERALD S	5A0JUS412P1RACICAA	SAO PAULO	BRAZIL
MC NEILL GARY R	MELLEN ROBERT	MENLO PARK	CALIF	PEREZ RONALD C	INT FOR EXP STA	ROZEMAN	MONT
MC NEILL GARY R	MEHREZ HALER CHARLIE J	UNITY	OREGON	PETERSEN CHARLES H	41 PLYMOUTH ST	MONTCLAIR	N J
MC NEILL GARY R	MEYER RALPH D	DAVENPORT	IOWA	PETERSEN LEROY R	5811 ORELLIN	SEATTLE	WASH
MC NEILL GARY R	MILES JOSEPH R	GRANGEVILLE	IDAHO	PETERSEN LEROY R	1405 LAUREL STREET	BOISE	IDAHO
MC NEILL GARY R	MILLER CHARLES I	HINES	OREGON	PETERSEN THEODORE R	2301 HWY 41	STURTEVANT	WISC
MC NEILL GARY R	MILLER DANIEL L	W LAFAYETTE	IND	PETZAK WILLIAM J	502 N ROYER	SANDPOINT	IDAHO
MC NEILL GARY R	MILLER DOUGLAS R	SPOKANE	WASH	PICKILL WILLIAM J	10A DEPT PUR LDS	SANDPOINT	IDAHO
MC NEILL GARY R	MILLER LIONEL P	PIEDMONT 10	CALIF	PIETZAK WILLIAM J	RT 3	CADILLAC	NICH
MC NEILL GARY R	MILLER LOREN E	RUHL	IDAHO	PICKILL WILLIAM V	BOX 37 STAR RT	SUPERIOR	MONT
MC NEILL GARY R	MILLER RAY A	SARANAC LAKE	N Y	PIEPER REX D	ROUTE 4 BOX 53	HOQUIAM	WASH
	RT #3	MERIDIAN	IDAHO		N M STATE UNIV	LAS CRUCES	N MEXICO

PIERSON WALTER W	GENL DEL	COUNCIL	IDAHO	83612	SETTLES RAYMOND L	STATE FORESTRY OFF	ANCHORAGE	ALASKA	99501
PINHEIRO JAYME V	MURTO FLOR RIDGECREST S PAULI	ARAZIL			SHARMA PARMESHURI D	179 CIVIL LINES	PUNJAB	INDIA	
PITKIN FRANKLIN H	UNIV OF IDAHO	MOSCOW	IDAHO	83863	SHARP ANDREW G	1640 PALISADES DR	APPLETON	WISC	54911
PIZEL ROBERT E	CREDEE RGR DIST	CREDEE	COLORADO	81130	SHARPBACK DAVID A	718 SOUTH SCOVILLE	DAK PARK	ILLINOIS	60304
PLATZ HOWIE J	902 INDIAN DRIVE	OLYMPIA	WA	98501	SHAW HARLEY G	RT 1 BOX 910R	FLAGSTAFF	ARIZ	86001
PLAYFAIR ROBERT J	RUX 24R	LAME DEER	MONTANA	59043	SHAW WILLIAM H	960 VAN BUREN	UGDEN	UTAH	84404
PLUNGINIAN MARK	MERCILES POWDER CO	WILMINGTON	DELAWARE	19899	SHEDD ROBERT L	RD 2 MUMFORD RD	HARPURSVILLE N	Y	13787
PLYMALE GARVIN V	34052 51ST AVE S	ALBURN	WA	98002	SHELLEY WILLIAM D	RUX 355	EUREKA	MONTANA	59917
PORTER DONALD R		WENINGTIN	INDIANA	47977	SHERO JACK W	105 HEADQUARTERS	ROKELSO	WASH	98626
POTTER DALE R	10445 RAINIER AVE	SEATTLE	WASH	98178	SHERO RICHARD P	WN ST FOR SERV	KELSO	WASH	98626
POTTER GRANT H	745 SAGINAW	INDIANA	CALIF	93618	SHERRETT HAROLD D	RT 1	MAKARUSA	KAN	66546
POTTER JOSEPH A	629 N SPRINGDALE	MAINE	ILL		SHIELDS MICHAEL U	PO BOX 115	MOAB	UTAH	84532
POWELL CHARLES	FRANKLIN STATE UNIV	CHRYSTALLIS	OREGON	97331	SHIVELY ROBERT L	438 S ELLA AVE	COEUR DALENE	IDAHO	83864
POWERS RICHARD L	SULA RAMGER STATIUMSILA	MONTANA	59871	SHOEMAKER NEIL L	211 HUCKHOUT DR	UNIV PARK	PENN	18602	
PRATER JAMES D	CHIMM ZELLER CAMP	CATHLAMET	WA	98612	SHRINER DAVID S	NYS COLLEGE OF FOR	SYRACUSE	IO N Y	13210
PRATY RICHARD C	RIBITE 1	VIOLA	IA	83872	SILVERBERG SABEL R	239 NE OUTLOOK AVE	GRANTS PASS	OREGON	97526
PRESTON PETER C	IDAHO FOR DEPT	MCCALL	IDAHO	83638	SIM JACK R				
PRICE ELWIN H	BUREAU OF LAND MGMT	TELKO	NEVADA	89801	SINDELAR BRIAN W				
PRICE GORDON J	1119 S HAYES	MOSCOW	IDAHO	83843	SINGLEY JAMES A	3235 ALLISON ST	WHEAT RIDGE	COLO	80033
PRIONOFF DONALD C	RUX 22	RICHFIELD	IDAHO	83349	SKAR ROLF G	405 LOCH LAMOND DR	RAKERSFIELD	CALIF	93304
PRITCHETT JOHN A	RIBITE 1 RUX 173	MOSCOW	IDAHO	83843	SKAJEJE ELMER	345 MIDFIELD RD	MENLO PARK	CALIF	94025
PROCOPIO RICHARD D	RUX 319	SUPERIOR	WYOM	59872	SKIVLIN JON	FAO NAIROBI	KENYA	AFRICA	
PUGH LAWRENCE K	R31 COLLEGE AVE	ST MARIES	IDAHO	83861	SLUSHER EDWARD C	4005 MOUNT AVE	MISSOULA	MO	59801
PYKE RONALD W	1959 OMAHON ST	SAN DIEGO	CALIF	92109	SMART ROBERT A JR	501 W OAK ST	ALEXANDRIA	VIRGINIA	22310
PYRAN DUANE R	RUX 292	LEWISTOWN	MO	59457	SMITH CAPT HENRY R	3605 STANFORD CIR	DECATUR	GA	30034
QUEEN HARVIN R	RUX 24	MINTHUR	IDAHO	83646	SMITH CLIFFORD L	PROSPECT RANGER STA	PROSPECT	OREGON	97536
QUESNEL CLINTON C		SALMON	IDAHO	83667	SMITH DWIGHT R	1301 STOVER	FORT COLLINS	COLO	80521
RACELY GEORGE J	130 HIRCH RD	KALISPELL	MO	59901	SMITH JERRY L	151 EAST BOISE AVE	BOISE	IDAHO	83706
RAGAN KEED E	IDAHO DRUG COMPANY	RIGBY	IDAHO	83442	SMITH LARALLE L	RITE 2 RUX 296A	COEUR DALENE	IDAHO	83814
RANDOLPH TERRY R	HEBER RANGER DIST	HEBER	UTAH	84032	SMITH LAWRENCE D	KANIKSU NF BOX 29	SANDPOINT	IDAHO	83864
RANKLIN RICHARD W	109 WEST MAIN ROAD	COVENEAUT	OHIO	44030	SMITH LAWRENCE R	SUNSHINE STAR RT	KELLOGG	IDAHO	83837
RATHBUN JAMES F	1112 LINCOLN ST	WATERLOO	IOA	50703	SMITH MERLIN	1215 JASPER AVE	OLYMPIA	WASH	98501
RATLIFF DONALD E	RIBITE 1 BOX 333	CHRYSTALLIS	ORE	97330	SMITH ROBERT M	R10 MITSIFF LANE	HELENA	MO	59601
RAUBACH ROBERT T	324 CHENAULT AVE	HOOHIAN	WASH	98550	SMITH RUSSELL E	706 LINDEN AVE	LEWISTON	IDAHO	83501
RAVENSCHRIFF VERNON	RUX 5	TUTTLE	IDAHO	83354	SMITH STANLEY G	3816 FRANKLIN ST	OMAHA	NEBRASKA	68111
RAMSON LILAS L	637 S GRANT	POCATELLO	IDAHO	83201	SMITHEY GARY G	SAWTOOTH NAT FOR	FAIRFIELD	IDAHO	83327
REA ROBERT A	RUX 274	YACHTS	ORE	97498	SNOW ELVA A	815 FOSTER AVE	COEUR DALENE	IDAHO	83814
REAY DAVID H	PO BOX 11	CROUCH	IDAHO	83613	SNYDER FREEMAN W	1209 CEDARHILL DR	EAST LANSINGWICH	LA	70623
REDETZKE KEITH A	R 2	GRANITE FALLS	WYOM	56241	SODERBLOM JON E	621 LOGAN	BOISE	IDAHO	83702
REEDMAN ELLIOT E	CULVILLE NF	CULVILLE	WASH	99114	SOLBERG TERRY G	STEVENSVILLE RGR OT	STEVENSVILLE	MO	59870
REER MICHAEL C	RUX 1343	DROFIND	IDAHO	83544	SOLT KENNETH E	1119 SPRINGER ROAD	OLYMPIA	WASH	98501
REED ROBERT R	373R OAKWOOD	RIVERSIDE	CALIF	92506	SOMNICHSEN RICHARD C	GPU BOX 3T	SAN JUAN	P RICO	00936
REESE JERRY R	RUX 347	HYDE PARK	UTAH	84318	SONDER AKTHUR M	1811 HUNTER RD	SANDY SPRINGMD	UTAH	20860
REID RALPH R	115 W 24TH AVE	SPOKANE	WASH	99203	SOMDER JAMES E	PU BOX 245	BERKELEY	CALIF	94701
RENSHAW EMERA W	1022 S LYNN	MOSCOW	IDAHO	83843	SPACE JACKSON W	SANTA FE NAT'L FOR	GLORIETA	N M	87535
RETTIG EDWIN C	1309 8TH AVE	LEXISTON	IDAHO	83501	SPACE JAMES G	RUBITE #1	DROFIND	IDAHO	83544
REVELLY THOMAS L	1701 HARVING AVE	ALTA DENA	CALIF	91001	SPACE RALPH S	RIVERSIDE TRACTS	DROFIND	IDAHO	83544
REYNOLDS GRAY D	CARIBBI NF	POCATELLO	IDAHO	83201	SPENCER MARSHALL E	2507 KIDURALE LANE	RODMAN	IDAHO	20715
RICHARDS HOWACE JR	R 1912 34TH	SPOKANE	WASH	99203	SPENCER ROBERT W	5007 OROFIN	IDAHO	83544	
RICHARDSON PAUL H	PO BOX 39	MONTPELIER	IDAHO	83254	SPETH JOHN W	4640 DURER PKW	SACRAMENTO	CALIF	95823
RICHMOND ROBERT H	USFS	LITSON	N D	58054	SPINK LOUIS	511 12TH AVE	NAMPA	IDAHO	83651
RICKERO JAMES W	2114 ELLIOTT ST	TOLFOO	OHIO	43606	SPINNEY CARLTON H	5 USHER ROAD	MEDFORD 55	MASS	02155
RICKEN HUGO W	2900 COTTAGE WAY	SACRAMENTO	CALIF	95825	SPIRES DAVID M	RUX 605	HAMILTON	MO	59840
RIEDENMAN HENRY W	RLM	RIBBLEY	IDAHO	83318	SPIRES WILLIAM R	RUX 432	RONNERS FRY	IDAHO	83805
RINGDAHL JOHN N	9A10 S 240TH	KENT	WASH	98031	SPWINGER DONALD E	WALNUT ST	GENESEE	IDAHO	83832
RINGE RUDY R	RUX 61	AMERICAN FLSD	IDAHO	83211	STAAB THOMAS L	RUX 527	BAKER	OREGON	97814
RISCH JAMES E	COUNTY COURTHOUSE	BOISE	IDAHO	83702	STANGER WILLIAM H	478 CRAIG DR	FT BENNING	GA	31905
RISSE WALTER M	SCS	KLAMATH FALLURE	ORE	97601	STANLEY LT COL WILFRED	15939 PIUMA AVE	CERRITOS	CALIF	90701
ROBEL RIMFERT J	KANSAS ST UNIV	MANHATTEN	KAN	66502	STANTON DON C	11 CHEMNEY ST	SPRINGVALE	ME	04083
ROBERTS HADLEY R	745 RIND ST	RENO	ORE	97701	STAUBER ARTHUR E	1239 WICKS LANE	RILLINGS	MONTANA	59101
ROBERTS RALPH R	PII RUX 38A	COUNCIL	IDAHO	83612	STAUBER GERALD A	6727 USTICK ROAD	BOISE	IDAHO	83704
ROBERTSON DALE F	RLM	PAPA	IDAHO	83660	STAUBER RICHARD L	3074 N 550 EAST	NO OGDEN	UTAH	84403
ROBERTSON HAROLD F	RIVERSIDE	CALIF	92502	STEEL PAUL E	PU BOX 1306	ALBUQUERQUE N MEXICO	87103		
ROBINETTE WILLARD L	MWEKA PO BOX 3031	MUSKI TANZANAFRICA		94538	STEFFENSEN LESLIE M	2515 N 31ST	SPRINGFIELD	URE	97477
ROBINS CHARLES M	4025A DAVIS ST	FRAMONT	CALIF	94538	STELNHOFF RAPHAEL J	FOR SCI LAB BOX 469	MOSCOW	IDAHO	83843
ROBINSON LORNE E		PRIEST RIVER	IDAHO	83856	STEINHOFF DOUGLAS M	PU BOX 1197	COEUR DALENE	IDAHO	83814
ROBINSON WALTER L	102 DIXIE LANE	LINGVIE	WASH	98632	STEINHOFF FOREST E	RUX 193	HOME	IDAHO	83647
ROICHE BEN F	WSU RANGE MGMT	PULLMAN	WASH	99163	STEPHENSON GOLDEN	530 SOUTH STATE	CLEARFIELD	UTAH	84015
RODGERS JAMES G	RUX 35	CASTLE ROCK	WASH	98611	STERE DAVID H	127 EAST BAY DR	NORTH BEND	OREGON	97459
RODGERS GEORGE L	1223 CULBERTHOUSE	JUNKSHORN	ARK	72401	STEVENS COURTENAY E	US IMMIGRAT SERV	BLAINE	WASH	98230
RODGERS HAL L	RUX 296	CHINLE	ARIZ	86503	STICKNEY PETER F	USFS FED BLOC	MISSOULA	MONTANA	59801
RUMANS NOYLE M	PO BOX 343	W YELLOWSTONE	MO	59758	STICKNEY RONALD N	ASST DIST RANGER	KINGSTON	IDAHO	83839
ROUIT GEORGE A	2981 LAUREL RD	LONGVIEW	WASH	98632	STILLINGER JOHN R	3200 COLGATE	DALLAS	TEXAS	75225
ROSENTHAL JAMES J	24 COUCHMAN AVE	ROCHESTER 17H Y	IA	14617	STILWELL CLARENCE E	317 S SECOND AVE	SANDPOINT	IDAHO	83864
ROSS CULVER D	1383 3RD	UGDEN	UTAH	84404	STILLAAS HOWARD L	4109 IDAHO ST	VANCOUVER	WASH	98661
ROWEN ROBERT A	USFS 505 25TH	UGDEN	UTAH	84402	STONE RAYMOND W	3005 CARNEGIE DR	BOULDER	COLO	80302
ROWLAND HARVEY C	3111 KEOKUK	RUBITE	MONTANA	59701	STOWASSER CLARENCE E	RUBITE 1 BOX 17	COEUR DALENE	IDAHO	83814
ROWLES JAMES L	RUX 314	EATONVILLE	WASH	98328	STRATTON MERLE W	2203 SPRING ST	CHEHALIS	WASH	98532
ROWISCH KURT D	FAVERACH BREWING	NADISON	WIS	53701	STROBEL VINCENT	723 S PHILLIPPI	BOISE	IDAHO	83705
ROWERS JOHN J	2118 A BRUNDAGE	RAKERSFIELD	CALIF	93304	STROEBLE JERALD A	C/O F KESWORM RT 2	HAZELTON	IDAHO	83814
ROWERS RARRARA L	RFD	E RALDWIN	NE	04024	STROUS RAYMOND W	904 W CHARLES	CHARLES	MISSOURI	63301
RUBERS THOMAS W	RFD	E RALDWIN	NE	04024	STROUS STANLEY W	HLUE RIDGE R S	MAPLEY JACK	ARIZ	86024
RUSHER ROBERT H	111 OCEAN ST	HYANNIS	MASS	02601	SULLIVAN JOHN D	4018 GRANADA ST	ALEXANDRIA	VA	22309
SACHECK WILLIAM A	6711 WINK PLACE	ANCHORAGE	ALASKA	99504	SUMMERSIDE GEORGE W	KOOTENAI NAT FORESTRY	LIRRY	MONTANA	59923
SACHS DEAN M	PO BOX 347	ELKO	NEVADA	89801	SUNDOOIST CARL L	925 YORK AVE	RENO	NEV	89502
SAJOR VALENTIN	101 KANLADN ST	DIETZON CITY	PHIL IS		SUONINEN ROY A	CUNSOIL WATER P & P	PHILLIPS	WIS	54555
SALING WALLACE M	397 EAST 3RD SOUTH	PLEASANT GROVITAH		84062	SUTHERLAND CHARLES F	221 N 6TH ST	CORVALLIS	ORE	97330
SAMSON ROGER R	4703 KOOTENAI #39	BOISE	IDAHO	83705	SUTTON VERNON C	RUX 43	OLA	IDAHO	83657
SANDMEYER JOHN D	2608 LEWIS AVE	RILLINGS	MO	59102	SWANSON ROBERT E	PAYNE ROAD	IDAHO FALLS	IDAHO	83401
SARGEANT HOWARD J	RUX 3737	PORTLAND	ORE	97208	SWAYNE ALLEN P	430 PENN AVE	ETOWAH	TENN	37331
SAUSELEN HENRY G	SOIL CONS SERVICE	MULLICA HILL J	IDAHO	83252	SWEET DONALD D	RUX 428 RLM	COEUR DALENE	IDAHO	83814
SAVARIA EDWARD D	PO BOX 433	SHOSHONE	IDAHO	83252	TAGAWA TUM K	2133 MAKIKI HTS DR	HONOLULU	HAWAII	96822
SAXMAN DONALD R JR	1385 GREENWOOD	PARK RIDGE	ILL	60068	TALBUY DEAN W	738 HILLCREST WAY	REDWOOD CITY	CALIF	94062
SCHALLER MAIRICE R	300 BROWN ST	MIRWAY	WICH	60068	TANAKA RICHARD M	RUX 673	SHOSHONE	IDAHO	83352
SCHERMEYER HENRY H		AUSABLE CHSMEN	WYRK	12911	TANK ROBERT E	2017 POWERS	LEWISTON	IDAHO	83501
SCHLATTER EDWARD F	PO BOX 1084	LEWISTOWN	MO	59457	TANNEN DALE L	FIREST SERVICE	NALHALLA N D	58292	
SCHMIDT ROBERT S	250 JANNEX LANE	MEDFORD	OREGON	97501	TAYLOR ABRA H	145 NE ASH ST	SHERIDAN	ORE	97378
SCHMIDT WILLIAM T JR	C/O A TULOUS PT 1	HARLOW	OKLAHOMA	73055	TAYLOR BRYAN E	RUX 343	NEWPORT	WASH	99156
SCHMITT DAVID W	E 924 37TH	SPOKANE 3A	WASH	99203	TAYLOR CYPRIAN II	3943 LOCARDAN LANE	VICTORIA B C		
SCHMITT ROBERT M	MESA RANGER DIST	MESA	ARIZ	85201	TAYLOR ERNEST H	3119 CAROLINA NE	ALBUQUERQUE N M	87110	
SCHMITT WILLIAM E	318 MARCY AVE	N MONTESAMI	WASH	98563	TAYLOR HARRY J JR	PU BOX 432	YREKA	CALIF	96097
SCHNEIDER TERRY W	1955 1/2 FRACKLETUN	SHERIDAN	WYOMING	82801	TAYLOR JOHN L	1316 WILDER	HELENA	MO	59601
SCHOFFLER FRANKLIN A	RIBITE 3 BOX 126	MOSCOW	IDAHO	83843	TAYLOR LAUREN T	511 E GLEIFF DRIVE	EL PASO	TEXAS	79902
SCHOFIELD WILLIAM	915 NEILSON ST	ALBANY	CALIF	94706	TAYLOR PETER W	2633 INGLEWOOD DR	BOISE	IDAHO	83705
SCHOLTES JOHN R	505 E FRANKLIN AVE	RENO	ORE	97701	TAYLOR ROBERT E	STAR RUBITE	GRANITE FALL	WASH	98252
SCHRIEFOER HERRERT A	OREGON FOR RES CTR	CORVALLIS	ORE	97330	TAYLOR WILLIAM D	MARINE CORPS BASE	CMP PENDELTCALIF		
SCHULTZ ALOEN T	2501 VING AVE #24	SANTA MONICA	CALIF	90404	TAYLOR WILLIAM P	RT 1 BOX 329	SPOKANE	WASH	99204
SCHULTZ EDWARD L	RUBITE #2	COLFAX	WASH	99111	TAYLOR WILLIAM R	RUX 738	RIIDKINGS	OREGON	97415
SCHULTZ HENRY W	2819 NORMAN DR	BOISE	IDAHO	83704	TAYNTON HOGER	578 E 1700 N	UGDEN	UTAH	84404
SCHULZE VERNON H	521 STANFORD RD	GRAND FORKS N D		58201	TEILMANN HARRY A	305 SE 6TH	ENTERPRISE	URE	97828
SCHUMAKER JOHN R		HAMILTON	MONTANA	59860	TEMPLE DONALD J	US FOREST SERVICE	HINGRY HORSEMO		59919
SCHUMAKER OREN P	615 NORTH ST	HAMILTON	M						

THOMPSON JAMES M	401 S WASHINGTON	CENTRALIA	WASH	98351	WFLSH THOMAS L	ROX 447	MCCALL	IDAHO	83638
THOMPSON WILLIAM L	C/O ATLANTA STAGE	HOISE	IDAHO	83701	WENHUP LESLIE S	12505 E WELLESLEY	COTTUNWOOD	IDAHO	83522
THOMPSON HAROLD K	15 EAST 4TH AVENUE	EMPORIA	KANSAS	66801	WENZEL OTIS G	630 SANSOME ST	65PUKANE	WA	99216
THORNER MERRILL S	RTE 1 BOX 121	PARKER	COLORADO	80134	WEST WAYNE W	815 EAST 16TH ST	N VANCOUVER	CALIF	94111
THRUPP HILTON	ROUTE 2 ROX 725	INDEPENDENCE	MO	64056	WESTHAVER BARRY L	FLATHEAD AGENCY	DIXON	MONTANA	59831
THRUPP AURIAN C	4032 NE 57TH ST	SEATTLE	WASH	98105	WETZEL RAKION U	13320 NW NORTHRUP	PORTLAND	ORE	97229
TIDD ROBERT L	BOX 126	SAN CARLOS	ARIZ	85550	WEYERMANN GEORGE F	2580 BOWMAN ROAD	REEDSPORT	ORE	97467
TIEDEMANN ROLAND K	134 OKAKE AVENUE	STATEN IS 14N Y		10314	WHEATLEY THOMAS J	6609 N LAKE DR	MILWAUKEE	WISC	53217
TILTON WILLIAM M	506 N GARFIELD	MOSCOW	IDAHO	83843	WHEATON RODGERS G	60 SANTA RITA DRIVE	WALNUT CREEK	CALIF	94594
TINSLEY SELDEN L	PCS	UPPER DARRY PA		19084	WHITE HENRY A	695 NORTH 8TH ST	PAYETTE	IDAHO	83661
TIPPETTS VAUGHN	PU BOX 338H	AFTON	WYOMING	83110	WHITNEY CLARIDON D	2313 GARLAND DR	MISSOULA	MONT	59801
TIPPLE NICHOLAS E	RW #1	GHEENT	N Y	12075	WHITTIG JERRY F	RT 12 BOX 729	OLYMPIA	WASH	98501
TISDALE ELDON D	712 SHAYNE DRIVE	ROISE	IDAHO	83705	WIEGAND DAVID K	4200 GR AVE APT 10	SIODERMOINES	IA	50312
TKACH JOHN G	8806 WILLIA AR LA	ANNANDALE	VA	22003	WIESHUEGEL ERWIN G	RUX 196	NORRIS	TENN	37828
TOMSETH HENRY R	1446 CHELMSFORD ST	ST PAUL R	MINN	55108	WILCOX JOHN T	64 E MINOR	WINNEBUCCA	NEV	89445
TOOLE ARLIF W	PU RUX 411	VALE	ORE	97918	WILKER CARL W	165 E 3RD S	MANTI	UTAH	84642
TOWN SHERMAN D	USF E WS	ATLANTA	GA	30301	WILKINSON LYLE A	ROX 253	TROY	IDAHO	83871
TOWNS WILLIAM L	357 W BRIADWAY	GLENDALE	CALIF	91204	WILLIAMS EDGAR L	814 MAYBELLE	MOSCOW	IDAHO	83843
TRAWKE DAVID E	106 WOOD ST	PORTAGE	WIS	53901	WILLIAMS ROBERT E	399 I STREET	IDAHO FALLS	IDAHO	83401
TRJANOWSKI CAPT JAMES	105 WOOD	PORTAGE	WISCONSIN	53901	WILLIAMS ROGER M	2824 GRANDEE ST	ROISE	IDAHO	83700
TRJANOWSKI JOHN W	RUX 217	SHERIDAN	ORE	97378	WILLIAMS TERRY L	335 ALAINE AVE	TWIN FALLS	IDAHO	83301
TSCHANZ DONALD B	1008 MEADOWBROOK	DRFORD COLLINS	COLO	80521	WILLIAMS THOMAS R	550 W FORT ST RM435	ROISE	IDAHO	83702
TURNER GEORGE T	1411 SWISHER ROAD	PDCATELLO	IDAHO	83201	WILLIAMSON DARRELL L	PU BOX 310	LUFKIN	TEXAS	75901
TURNIPSEED RUSSELL D	RIFC ROUTE 3	ROISE	IDAHO	83705	WILLIAMSON REX P	4142 ROUND TOP DR	HONOLULU	HAWAII	96822
TWITCHELL L T	HAMKAR FOR DIV	MIANEVAH	W PAKISTN		WILSON CARL C	779 APACHE TRAIL	RIVERSTONE	CALIF	92507
UD-DIN ZAFAR	NORDMARKA	OSLO	NORWAY		WILSON DENNIS C	R4 MODEL AVE	HUPEWELL	N J	08525
ULLEVAALSETER REIDAR O	DANIEL ROONE NF	WINCHESTER	KT	40931	WILSON DONALD D	US FOREST SERVICE	OGDEN	UTAH	84400
UNDERWOOD ALAN B	301 RUIIDER ST	NEVADA CITY	CALIF	95959	WILSON GEORGE R	COEUR DALENE N F	COEUR DALENE	IDAHO	83814
UNDERWOOD JOHN F	1707 SUNSET DRIVE	PACIFIC GRUV	CALIF	93950	WILSON LOUIS R	ROUTE 1 RIVERVIEW	OROFINO	IDAHO	83544
UNDERWOOD VERNON L	632 HASSWOOD	RICHLAND	WASH	99352	WILSON THOMAS I	RT 1 BOX 53R	SANDPOINT	IDAHO	83864
UPSON U LAYTON	5224 STATE ST	ROISE	IDAHO	83703	WINDLE JOHN C	KT 1	MELBA	IDAHO	83611
VAIL DAVID H	RUX 135	CEJAR CITY	UTAH	84720	WINDLE LEAFORD C	1607 EDITH DR	RELEN	N M	87002
VAIL DELMAR D	SCS	MOSES LAKE	WASH	98837	WING LARRY D	COL OF FOR U OF I	MOSCOW	IDAHO	83843
VANCE EDWARD P	RUX 292	BONNERS FRY	IDAHO	83805	WISDOM HAROLD W	172 TAJUILL URR MILAR	REDDING	CALIF	96001
VANDENBURG JOHN S JR	SHERWIN WILLIAMS	COCHICAGO	ILL	60601	WITTERS RANDALL L	2826 EAST WAY	HUNGRY HORSE	MONTANA	59919
VANSANT RUSSELL H	ROUTE 1	WHITEFISH	MONT	59937	WOLFE WINSTON C	RUX 403			
VARS HARRY T	BOX 750	NELSON	B C		WOOD JOHN Y	RD 2 BOX 5	PULLMAN	WASH	99163
VARSEVELD FRANK R	402 S ROYER	SANDPOINT	IDAHO	83864	WOOD DONALD K	MED ROW NATL FOR	ENCAMPMENT	WYO	82325
VENISHNECK JOSEPH C	USFS	COEUR DALENE	IDAHO	83814	WOOD ROBERT E	12972 74TH PLACE	NEKIRKLAND	WASH	
VERDAL GUSTAV A	USFS	REXBURG	IDAHO	83440	WOOD ROBERT E	GUL OF FOR U OF W	SEATTLE	WASH	98100
VERNER RY S	4942 MAKENT	DETROIT	MICH	48210	WOODRUFF SAMUEL A	587 FOX LANE	WORTHINGTON	OHIO	43085
VILKITIS JAMES R	3417 CRESCENT RIM	ROISE	IDAHO	83704	WOODS PAUL T	92646 PALAICAI ST	EWA BEACH	HAWAII	96706
VINCENT DWAIN W	RT 1	SALMON	IDAHO	83467	WOOLWINE PHIL C	580 ELDRIGE	NOVATO	CALIF	94947
VITULINS AUGUSTS	SCS	MOSCOW	IDAHO	83843	WREN CHARLES C	1830 FRAIL ROAD	LIMA	OHIO	45806
VOGT HARRY A	CHIPPWEA NF	CASS LAKE	MINN	56633	WRIGHT JUMATHAN W	2034 YUMA TRAIL	OKEMOS	MICHIGAN	48864
VON RANGEN JOHN H	STAR ROUTE	CLARK FORK	IDAHO	83511	WYKERT PAUL V	PU BOX 1248	ESTES PARK	COLORADO	80157
VOSEN HAROLD C	PU ROX 468	REND	ORE	97701	WYLLIE JOSEPH A	1403 FRANKLIN	ROISE	IDAHO	83702
WALDRON HARVEY M	404 W 24TH	SPOKANE	WASH	99203	YAKOVAC CARL S	ROX 871	SALMIN	IDAHO	83467
WALEX KRISTIAN L	USFS	TWIN FALLS	IDAHO	83301	YATES DONALD H	4827 FOREST AVE	MEACER ISLE WA		98040
WALKER ALFRED	1163 OCEAN VIEW AVE	WHITTIER	CALIF	90605	YEARY GLENN A	RUX 186	TWIN FALLS	IDAHO	83301
WALKER KEITH J	510 FIFTH STREET	NELSON	B C		YINGLING GLENN H	ROUTE 1	UNION BRIDGE	MONTANA	59791
WALKLEY ROBERT R	USFS	CEJAR CITY	UTAH	84720	YINGST DONWANG	9110 SW PINERHODK	TIGARD	ORE	97223
WALL HAROLD G	1426 E ROWMAN ST	SOUTH BEND	INDIANA	46613	YINGERST NORMAN W	RUX 17	SEELEY LAKE	MONTANA	59468
WALLACE HOWARD A	7009 INDIANA	VANCOUVER	WASH	98664	YOST NATHAN L	ROUTE 1	ROISE	IDAHO	83702
WALLACE WILLIAM R	RUX 764	HONNERS FRY	IDAHO	83805	YOUNG LARRY	BLM	ROISE	IDAHO	83704
WALTER JOHN S	ROUTE 1	TWIN FALLS	IDAHO	83301	YOUNG LARRY	2508 REDWAY ROAD	ROISE	IDAHO	83704
WALTER JOHN S	RUX 1512	ALTURAS	CALIF	94101	ZAPPETINI GEORGE	390 ARROWHEAD DR	CAKSON CITY NEV		89701
WARD RAY L	6541 28TH NE	SEATTLE	WASH	98155	ZIELINSKI EDWARD C	2505 VAN VRANKEN	SCHENECTAY NY		12308
WARD WALTER M	701 E TACOMA	ELLENSBURG	WASH	98926	ZIMINSKI HENRY V	REGIONAL OFFICE	MILWAUKEE	WISC	53201
WEATHERHEAD DONALD J		GRANGEVILLE	IDAHO	83530	ZIMMERMAN JACK F	4524 SOUTH HOWELL	MILWAUKEE	WISC	53207
WEBB UKRIN F	907 N OAK	UKIAH	CALIF	95482	ZOBELL REX	2613 CHESTNUT DR	CHEYENNE	WYO	82001
WEDDLE ARTHUR J JR	5608 RICKEY RD	YAKIMA	WA	98902	ZOGHEF MOUINE F	WATERSHED DEPT-CSU	FT COLLINS	COLORADO	80521
WEGELEHEN HARRY	DIST MGR BLM	PRICE	UTAH	84501	ZUHEKRUHLER RUDOLPH U	324-25TH ST	OGDEN	UTAH	84401
WELKER LURIN J	507 25TH ST	OGDEN	UTAH	84401	ZWIRZ ROBERT J	9345 CEDAR	RELLFLOWER	CALIF	90706
WELLSER CHARLES A		SHOSHONE	IDAHO	83352					
WELLS WADE G II									

Addresses Unknown

AKINS BURTON W	CROSS KENNETH J	HARRIS JOHN G	MENNEL RAYMOND	RUNBERG DONALD E
ANDRICK JOHN D	KURNES GERALD L	HAUSSMANN JOSEPH G	MERRILL EDWARD H	SALINGER HERBERT F
ASHWORTH ROLAND R	DELEAU DARYL J	HEFFEL RICHARD F	MICHELSON CHRISTIAN E	SCHRECK WILLIAM R
HAILEY DALENE G	DEKOSE FREDERICK P	HENDERSON RONALD L	MIDDENDORF JAMES F	SCHROEDER THOMAS W
HALDWIN KENNETH C	DEWS DAN L	HODGINS JOHN R	MILLER RAYMOND L	SEIDOFF ARTHUR
HALDWIN ROBERT R	DICKERSON FREDERICK	HOFFMAN HENRY C	MILLER SPENCER R	SIMMONS CHARLES F
HANCLAY WILLIAM A	DIERIKSEN RALPH G	HOLL ROYALE G	MILLER WARREN G	TWIN ALMOND W
BANKETT JAMES W	DIERKEN RICHARD H	JACKSON TOM	MILRE JON E	SMITH THOMAS W
BEEMAN RURERT D	DINGMAN THEODORE E	JACORS CARL C	NAGLE WILLIAM	SONNICHSEN ROBERT W
BENDER PHILIP H	DIHERTY ROBERT A	JACOBSON IRA	NEFL RURERT W	SPEEDY ROBERT P
BENTON VINCENT L	DIBBELS LOWELL G	JENSEN RALPH	NELSON NORMAN T	STAHL MALCOLM K
BEST RICHARD K	ELFERING LAWRENCE C	JOHNSON ALFRED C	NELSON WILLIAM E	STAIRS WILLIAM D
BEUS ELDON C	ENGLISH ROBERT R	JOHNSON DONALD G	NISRET ROBERT L	STEVENS ARTHUR W
BLACK JOHN R	EWING WILLIAM R	JOHNSON ROBERT C	NIBBLE CLARK R	STORDAHL JAMES H
BULLES WARREN H	FARGO EDWIN	KARSTAD OWEN F	NORDRUM GEORGE F	STRAWN CHARLES C
BOSS ALLAN S	FARRELL JAMES W	KASSING CECIL A	NOVAK GYLE A	STYFFE HOWART H
BOWER JOHN R	FEEENEY RICHARD L	KEENE EDWARD L	OBERMEYER JACK W	TOFFLING JAMES J
BOYD BUFFORD C	FINCH SHERMAN J	KESSLER JOHN A	OBENCKE ROR G	TULLEY HARLAN N
BRAZELL ALBERT H	FITCH JAMES H	KEUCHMANN JAMES H	OLIVER JOHN P	VAN CAMP RICHARD P
BRISLAIN DONAL W	FITTS LORNE A	KILER ALVARO R	OLNEY WARREN H	VAN KLEECK RICHART
BROWER CLAUDE G	FLEMMING WILLIAM	KLEIN CARLOS G	PAYNE CLAYD T	VANDER POEL DENTON R
BROWN ELLSWORTH R	FOLKER ROBERT V	KLEPINGER FRANKLIN	PAYNE JOHN C	VOLLAND LEINARD A
BROWN HAROLD G	FOKE OKLANDO	KULM DAVID L	PEKIVICH ANDREW W	WAHL JOSEPH D
BRUCKNER RICHARD A	FORGEY LYLE	LEE GEORGE E	PERRINS KILRY V	WALKER GUY S
BRUINS FRANKLIN R	FOURCAK KENNETH A	LEHTU VIHKO A	PETERMANN NELSE W	WAINSON HAL A
BUCKINGHAM ARTHUR	FREICE HERBERT J	LIEHRANCE ROBERT E	PHILLIPS EUGENE V	WERR JAMES L
BURKHARD WILLIAM JR	FRITZ JOHN L	LIGHT ELLIOT M	PHILLIPS JAMES E	WEINEL WARREN G
BURGETT LAURENCE M	FRIZZIE BERNARD	LINDSAY DAVID D	PINWICK JOHN H	WENTWORTH IRVIN
CANETTI THOMAS B	FRIERER ARTHUR I	LONNIK EDWARD C	PIPER FRANK C	WHEFLER JOE H
CAMPBELL RICHARD L	GALBRAITH ALLAN W	LUND JENS M	PORTER ROBERT M	WILLIAMS GEORGE J
CARLSON STUART F	GEORGE FERDINAND	MACLEDD DOUGLAS W	PITTER HOWARD L	WILLIAMS GUY V
CASE ROBERT J	GERKE HENRY J	MAKI RICHARD L	PRICE WILLIAM L	WILLIAMS CLAUDE F
CASWELL EDWIN B	GIBSON NELSON C	MARSH ALFRED H	PRINGLE WILLIAM L	WILSON DAVID G
CHADWICK HOWARD	GODDARD WILFRED D	MARTIN GERALD H	QUADRI EUGENE R	WOOD CHARLES
CHAPIN JAMES D	GIENNE FREDERICK W	MARTIN JAMES A	RICE RICHARD T	WOOD ALAN H
CHARKE WILLIAM T	GRANADA VICTOR M	MASTIN RICHARD J	RIGGS CHARLES E	WIDLEY SAMUEL H
CLUNINGER RUSSELL T	GREEN EVERETT C	MATTHEWS PAUL C	RINARD JOHN E	WRAY SYDNEY F
COFFEY ROYCE R	GREEK MORRIS C	MATTIX JAMES E	RITCHIE NORMAN C	WRIGHT LUREN H
COLLARD ERNST R	GREGORY CHARLES A	MCGINNIS FRANK T	ROBERTS EARL C	YEARSLEY MAURICE C
CONARD JAY G	GRIFFITH RUSSELL F	MCHAIR JOHN J	ROBERTSON GARNET A	YODER VINCENT S
COONHES ALLEN D	GROSS WILLIAM C	MEARS JOHN S	ROCKWOOD JERRY R	ZORR GORDON
CRABB WARREN F	GUSTAD ORVIS C	MELICK HARVEY I	RUNE JOHN A	
CRANDALL JOHN A	HALL FLOYD H	MENGES PHILIP E	RUCKENFRED J	

Obituaries

AHLISKUG RALPH H	DECEASED	ITZGERALD WILLIAM K	DECEASED	PIERSON ROYALE K	DECEASED
ALLEGRETTI JOSEPH	DECEASED	RITCHMAN HOLT	DECEASED	PIKE GALEN W	DECEASED
AUST PAUL W	DECEASED	TERRARD PAUL H	DECEASED	POLZ ERNEST A	DECEASED
BAILEY WILLIAM E	DECEASED	GILL TYLER S	DECEASED	PRAFKE VERLON E	DECEASED
BAKER LOREN K	DECEASED	GIRARD JAMES W	DECEASED	RANDALL WARREN R	DECEASED
BAUMERT BRENT J	DECEASED	GIRARD JAMES W	DECEASED	READ WILLIAM W	DECEASED
BOY GLENN L	DECEASED	GOUDEN FLOYD W	DECEASED	RICHARDSON KENNETH F	DECEASED
BRANDI JOHN C	DECEASED	GRAFILLER JAY T	DECEASED	RITZHEIMER EARL	DECEASED
BREON EUGENE E	DECEASED	GUSTAFSON CARL A	DECEASED	KUWE PERCY R	DECEASED
BROCK JOHN E	DECEASED	HALLETT MOEL L	DECEASED	RUTLEDGE R H	DECEASED
CALL ELWOOD C	DECEASED	HEPHER WILLIAM S	DECEASED	RYAN CECIL C	DECEASED
CALLENDER WILLIAM	DECEASED	HERMAN CHARLES H	DECEASED	SAASTAD HAROLD L	DECEASED
CARLMAN ROBERT A	DECEASED	HOPKINS JESSE K	DECEASED	SHANK PAUL J	DECEASED
CARLSON OSCAR F	DECEASED	HUNTINGTON COLLIS H	DECEASED	SIEMERT GEORGE W	DECEASED
CLARK ELMOR D	DECEASED	KELLY JAMES J	DECEASED	SLIPP ALBERT W	DECEASED
CLARKE STANLEY C	DECEASED	KNORLOCK JACK R	DECEASED	SNYDER ERNEST P	DECEASED
CRAWFORD CHARLES R	DECEASED	KRUEGER KENNETH W	DECEASED	SPENCE LITER E	DECEASED
CURTIS FLOYD C	DECEASED	LANGER CHARLEY J	DECEASED	SPENCER BEN U	DECEASED
DANIELS ALBERT S	DECEASED	LANSOON WILLIAM H	DECEASED	STANTON EDGAR W	DECEASED
DAY NEI J	DECEASED	LEONARD RODNEY B	DECEASED	STAPLES HOWARD W	DECEASED
DECKER ARLIE D	DECEASED	LILLICO KEITH R	DECEASED	STOUFFER DAVID J	DECEASED
DOYLE IVAN	DECEASED	LUNDSTROM F J	DECEASED	TUMELSON FLOYD D	DECEASED
DRISSEN JOHN P	DECEASED	MALMSTEN HARRY E	DECEASED	WADSWORTH H A	DECEASED
EASTMAN VIRGIL H	DECEASED	MCKEEVER DONALD G	DECEASED	WALKRATH FAIRLY	DECEASED
EPPERSON PAUL L	DECEASED	MITCHELL WILLIAM W	DECEASED	WHITE HAROLD Z	DECEASED
FRICKSON EDWARD JR	DECEASED	MOODY VIRGIL C	DECEASED	WIGGINS EDWARD	DECEASED
EVANS JEROME	DECEASED	MUNSON OSCAR	DECEASED	WILSON ALLAN S	DECEASED
FAVRE CLARENCE E	DECEASED	NETTLETON HARRY I	DECEASED	WILSON DONALD W	DECEASED
FENN LLOYD A	DECEASED	NITZ GEORGE C	DECEASED	WOODWARD DORAN E	DECEASED
FISHER GEORGE M	DECEASED	OLSEN CLARENCE C	DECEASED	YOUNGS HOMER	DECEASED
		PARSONS RUSSELL M	DECEASED		

Graduate Students

2nd Semester, 1968-69

Name	Degree	Field			
Adair, Robert	M.S.	Wildlife	Griffith, Jack	Ph.D.	Fisheries
Armour, Carl	Ph.D.	Fisheries	Herbst, John	Ph.D.	For. Mgmt
Asherin, Duane	Ph.D.	Wildlife	Hickey, Bill	M.S.	Wildlife
Aulerich, Dean	Ph.D.	For. Mgmt.	Higgins, Richard	M.S.	For. Mgmt
Bailey, Ted	Ph.D.	Wildlife	Howard, Volney	Ph.D.	Wildlife
Beckman, Tom	M.S.	For. Mgmt	Hsin, L. Y.	Ph.D.	For. Gen.
Beecham, John	M.S.	Wildlife	Huber, Dean	M.S.	Wood Ut.
Briggs, George	M.S.	Range Mgmt	Hursey, Robert	Ph.D.	Wood Ut.
Brown, Scott	M.S.	Wood Ut.	Kuck, Lonn	M.S.	Wildlife
Burkhardt, Wayne	Ph.D.	Range Mgmt	Liu, Chia-Tsang	Ph.D.	For. Gen.
Canfield, Elmer	Ph. D.	For. Path.	Malcolm, James	M.S.	For. Silv.
Chiang, Chia-Hau	Non.Deg.	Genetics	Miller, William	Ph.D.	Fisheries
Coffman, Michael	Ph.D.	For. Silv.	Nelson, Jack	Ph.D.	Range Mgmt
Dale, John	Ph.D.	For. Ent.	Niknam, Fereidoon	M.S.	Range Mgmt
Daniels, Jess	Ph.D.	For. Gen.	Perez, Gerald	M.S.	Wildlife
Davis, James	M.S.	Wildlife	Pollard, Herb	M.S.	Fisheries
Deitschman, Glenn	Ph.D.	For. Silv.	Qureshi, M. Anwar	Ph.D.	Range Mgmt
Demarchi, Dennis	M.S.	Range Mgmt	Rahman, Mozi	Ph.D.	For. Gen.
Drewek, John	M.S.	Wildlife	Reese, Jerry	M.S.	Range Mgmt
Falter, C. Michael	Ph.D.	Fisheries	Roberts, Bob	M.S.	Range Mgmt
Faulkner, Fred	M.S.	Wildlife	Roper, Larry	M.S.	For. Mgmt
Foiles, Marvin	M.S.	For. Silv.	Scanlin, David	M.S.	For. Soils
Franzman, Albert	Ph.D.	Wildlife	Seidensticker, John	Ph.D.	Wildlife
Froeming, Dennis	M.S.	Range Mgmt	Shi, Ching Fang	Non.Deg.	For. Gen.
Goodnight, Bill	M.S.	Fisheries	Snyder, Roy	Ph.D.	Wildlife
Gordon, Doug	Ph.D.	Fisheries	Wing, Larry	Ph.D.	Wildlife
			Winward, Al	Ph.D.	Range Mgmt

Best Wishes To

IDAHO

FORESTRY STUDENTS

& GRADS

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Spokane Hoo Hoo

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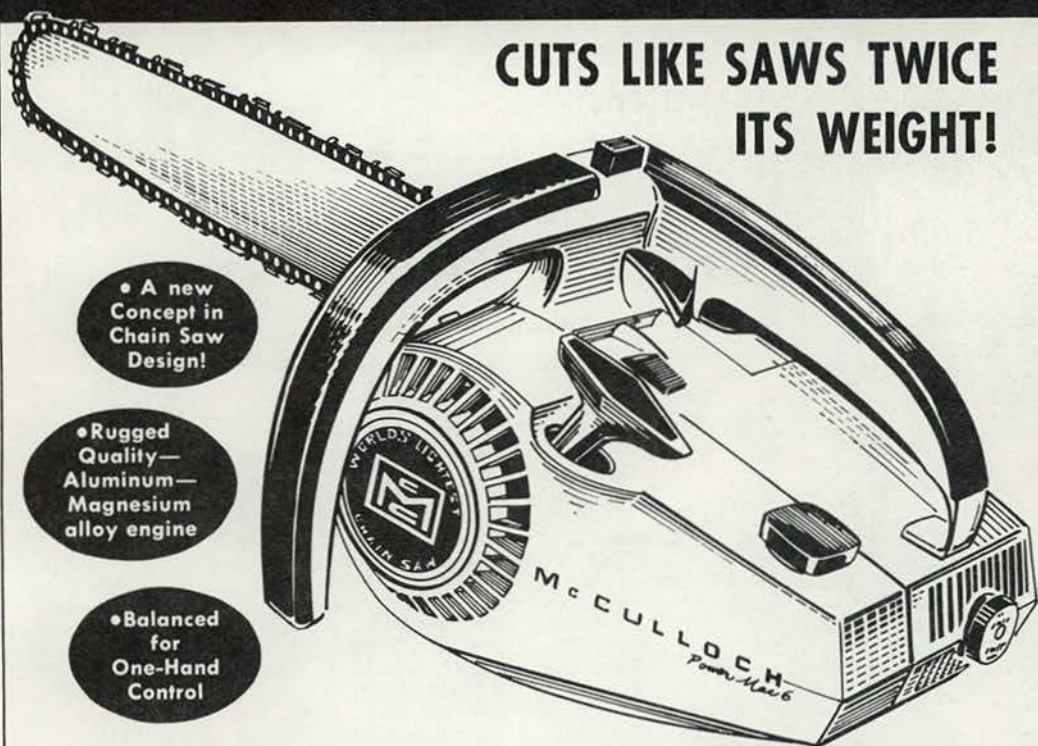
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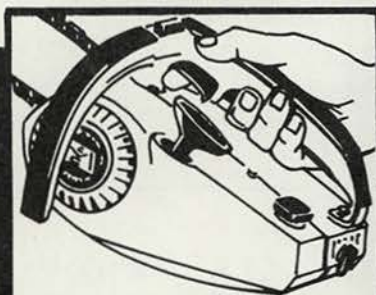
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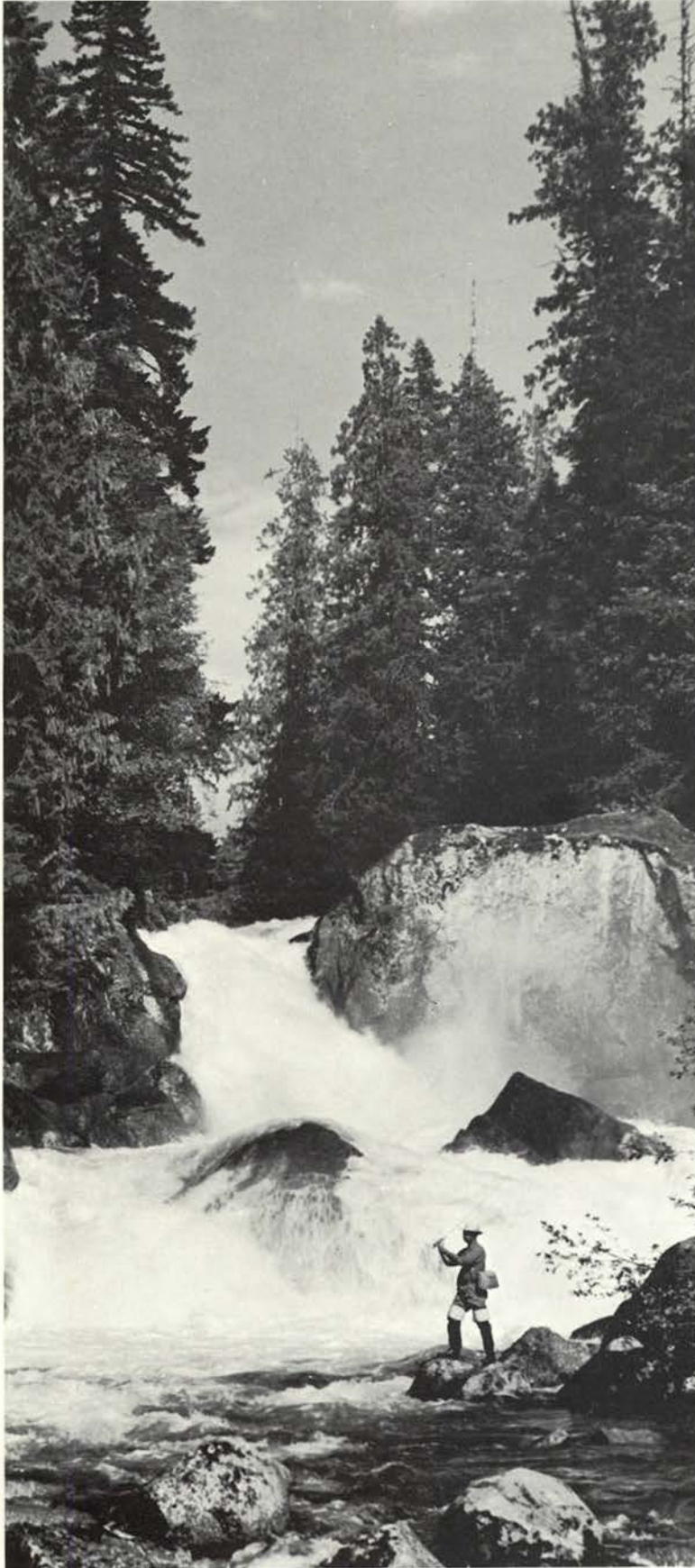
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LET'S TAKE A HARD LOOK AT PRODUCTIVE FOREST LANDS

The professional forester in the next few decades will not have an easy job. Right now, America has only 508 million acres of productive timberland left. The number of useful forest acres is not increasing, but the number of people making demands upon these acres is. More people want the opportunity to enjoy nature—to picnic in a quiet grove—to ski, sightsee, camp, hike, hunt and fish. And each year our society takes more land for city expansion, airports, super highways, power lines, reservoirs, housing, schools and shopping centers. Yet more people need the products these limited timberlands provide. More and better homes, thousands of other wooden products, paper products and chemicals. The same land must also provide grazing for cattle and sheep to feed and clothe America; watershed control, and still replenish itself on a sustained yield basis.

It is unreasonable to permit a small emotional segment of the population to lock up timberlands in endless wilderness parks limited to a single use. The answer lies in establishing a working balance of commercial and recreational needs—a multiple use of the forest.

Tomorrow's professional forester will have the responsibility of making unpopular decisions and will need skill and courage to carry them out. It won't be an easy job. But then, nothing that is reasonable and far reaching is ever easy.

At Georgia-Pacific, we have done a lot about multiple use of our timberlands. **If you would like an opportunity to evaluate our ideas for yourself, please write to the Public Relations Department, Georgia-Pacific Corporation, P.O. Box 311, Portland, Oregon 97207.**





Cedar Swamp

*I stand in the hush of the noonday dusk —
A twilight tempered by time —
I sense the weight of your thousand years
Towering over mine.
I feel the peace of your centuries
Soothing like sacred hymns,
I borrow strength from your massive trunks
And the reach of your gnarled limbs.*

—Paul Croy