A black and white photograph of a dense forest of tall pine trees. The trees are the central focus, with their trunks and branches filling most of the frame. The lighting is dramatic, with some areas in deep shadow and others catching the light, creating a textured appearance. The sky is visible in the upper right corner, showing some light clouds.

**1975**  
**GOPHER PEAVEY**  
*Alumni News*



STANLEY J. BUCKMAN (1931)



A. DALE CHAPMAN (1929)

# Dedication

The 1975 Gopher Peavey-Alumni News is dedicated to College of Forestry alumni Stanley J. Buckman (1931) and A. Dale Chapman (1929), whose scholarship programs have been so helpful and stimulating to students. Stanley Buckman through his continuous support for the Henry Schmitz Student Leadership Awards and Forest Products Engineering Scholarship, Dale Chapman through his many years of support for the Chapman Freshman and Sophomore Scholarship programs, and all other alumni and friends of the College of Forestry who provide students with scholarship assistance, deserve our sincere thanks and appreciation.



### Stanley J. Buckman

Born on a southern Minnesota farm near Madelia, Stan was a Madelia High School athlete of considerable distinction, particularly in baseball, and entered what is now the Forest Products Engineering curriculum of the College of Forestry in 1927. After completing his B. S. degree in 1931, Stan continued for the PhD and completed it in biochemistry and forest products in 1933. Stan's advisers for the PhD were Dr. Henry Schmitz, then Head of the Department of Forestry, later Dean of the Colleges of Agriculture, Forestry & Home Economics, and in 1952 President of the University of Washington, and Dr. Ross Gortner, Head of the Department of Biochemistry. After several years with the American Creosoting Company of Louisville, Kentucky, Stan moved to Memphis, Tennessee, where he a few years later started Buckman Laboratories, Inc., with which he is still associated. His company has plants in many countries, Europe, Mexico, and Japan among them, and Stan and Mertie (Mrs. Buckman) constantly travel the airways of the world in overseeing operations of the Company. Starting largely as a supplier of chemicals to the pulp and paper industry, Buckman Laboratories Inc. now manufactures and markets a broad range of chemicals. His continuous and generous support of the Dr. Henry Schmitz Student Leadership Awards and Dr. Henry Schmitz Forest Products Engineering Scholarships is deeply appreciated. With our very best wishes and congratulations on a life-time of accomplishments.

### A. Dale Chapman

Born and raised in Shakopee, Minnesota, Dale entered what is now the University of Minnesota College of Forestry in 1925 and graduated in 1929. After several years of research on wood preservations and other wood-treating chemicals at the U. S. Forest Products Laboratory, Madison, Wisconsin, and the Southern Forest Experiment Station at New Orleans, and a M. S. degree from the Southern Forest Experiment Station at New Orleans, and a M. S. degree from the University of Wisconsin, Dale started the Chapman Chemical Company in the mid 1930's. This Company marketed chlorophenol wood treating chemicals and a number of other preservatives for the close to 40 years that Dale was owner and president, Since selling the Chapman Chemical Company several years ago, he has been doing research, stimulating research, and managing the Chapman Foundation. Our sincere congratulations on a job well done, on your many years of financing the Chapman Scholarships and our best to you on the work you have underway.

# Gopher Peavey 1975

## Alumni News

### TABLE OF CONTENTS

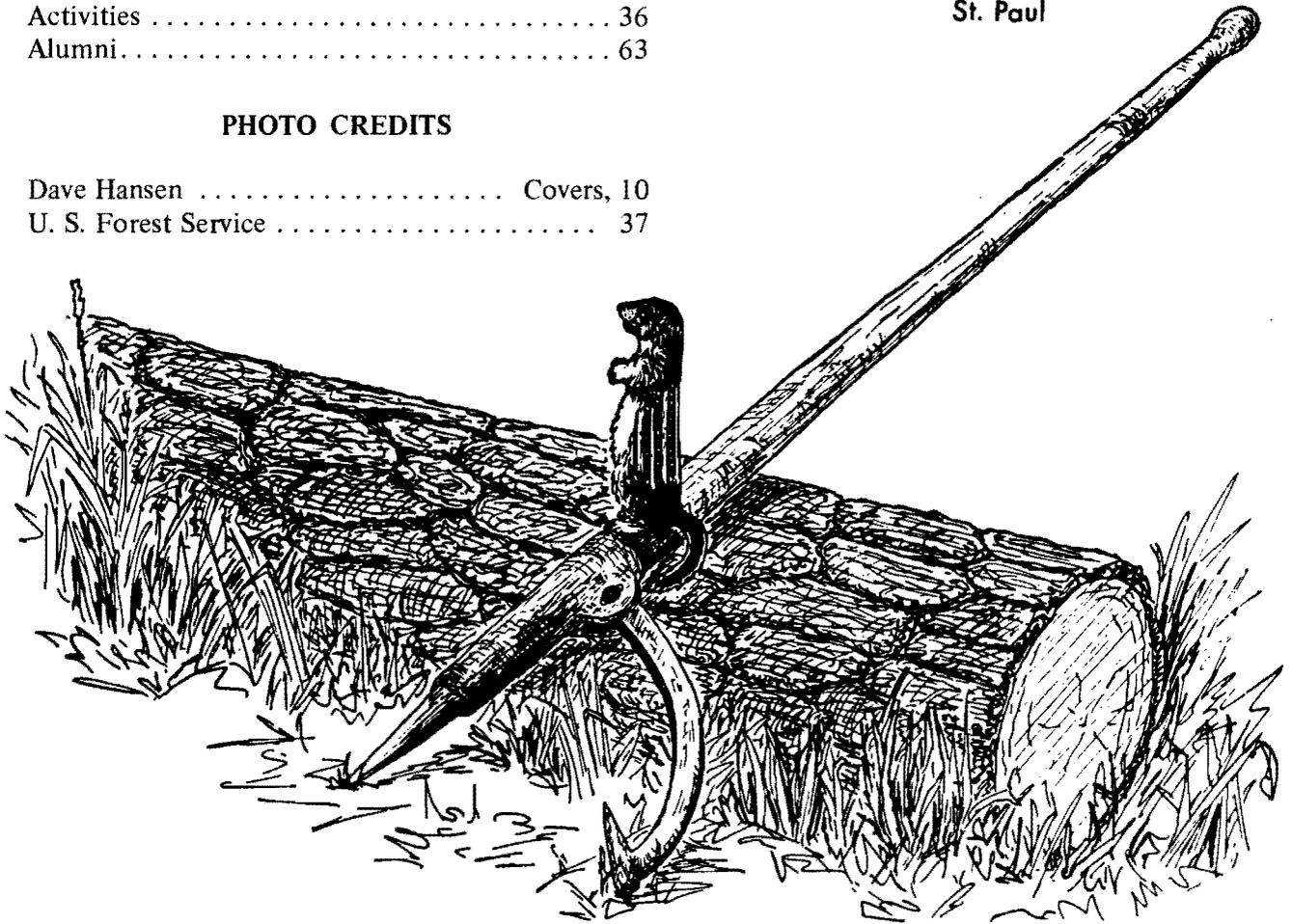
Dean's Report .....	3
Opinions .....	8
Faculty & Staff .....	15
Classes .....	23
Activities .....	36
Alumni .....	63

annual publication of the  
**FORESTRY STUDENTS**

University of Minnesota  
St. Paul

### PHOTO CREDITS

Dave Hansen .....	Covers, 10
U. S. Forest Service .....	37



### FOREWORD

The editor and staff take great pride in presenting to you the 1975 Gopher Peavey -- Alumni News. Within these weathered covers lie the spirit, hopes and aspirations that have kept the forestry tradition alive within the College of Forestry. This is the 55th consecutive publication of the forestry annual which was begun in 1920 and was given the name Gopher Peavey in 1922. Our purpose and dedication in bringing the publication to you has been to record student and alumni activities and accomplishments, and to provide a medium through which ideas, opinions, and insights on current forestry issues can be expressed and exchanged by fellow foresters. The Gopher Peavey remains a tradition about traditions. We hope you will enjoy the 1975 Gopher Peavey.

The Peavey Staff



# COLLEGE OF FORESTRY REPORT

## An update on People and Programs

*by Richard A. Skok, '50, Dean*

Changing people and programs was the theme of the past year for the College of Forestry. On June 3, 1974 a Recognition Day for Frank and Lone Kaufert provided a fitting opportunity for hundreds of their friends and colleagues to thank them for the many years of dedication and contribution to all those who have been associated with the College from the mid-1940's to the present. Dean Kaufert retired under the mandatory rules of the University on June 30 of last year. But retirement has been in name only and Frank continues a very active role in professional and academic affairs. He resides in Room 222 of the Kaufert Laboratory of Forest Products and Wood Science. (More on this later).

The Recognition Day held on June 3 included a morning Symposium with guest speakers John McGuire, Chief of the Forest Service, and John Zivnuska, Dean, School of Forestry and Conservation, University of California. Both were former students in the College of Forestry and long time friends of Dean Kaufert. The afternoon featured an open house at Green Hall and the Kaufert Laboratory. That evening a banquet attended by over 500 people coming from points throughout the country was held at the Radisson South in Minneapolis. The outpouring of recognition for all that Frank and Lone have meant to forestry over the years was led by Governor Anderson's proclamation of June 3 as Frank H. Kaufert Day in the State of Minnesota.

Not only did major changes occur in the College's administration, but in the University's and the Institute's as well. On September 1 a new President of the University officially took office. President C. Peter Magrath came to Minnesota at a young age but with a well established record of effectiveness in the administration of higher education programs. In the brief time he has been at the University he has had a good deal of exposure to the programs in Forestry and has developed an amazing grasp and understanding of our activities and aspirations. Closer to home the first Deputy Vice President and Dean for the Institute of Agriculture, Forestry and Home Economics was appointed effective July 1, 1974. Dr William Hueg, who formerly served as Director of the Agricultural Experiment Station was named to this position. Bill has been a strong supporter of programs in Forestry over the years and we were extremely pleased to have him named to this new post vital to the representation of our programs.

Within the College itself, I became Dean on July 1 after having served several years under Frank Kaufert as Associate Dean and earlier as Assistant Director of the School. Several additional organizational and personnel changes in the administration of the College have occurred this past year. Dr. Arnett Mace was appointed as Head of the consolidated Departments of Forest Resources De-

velopment and Forest Biology. These departmental units were merged into the Department of Forest Resources. Bill Miles was named as Coordinator for Forestry Extension and Continuing Education. This is a newly designated position within the College. Its identification represents the growing importance of these program areas and the need to provide careful liaison with offices elsewhere in the University responsible for aspects of these activities. Additionally, this provides us the opportunity to capitalize on Bill's long experience and solid acceptance in building a broader based continuing education program for professional land managers. Dr. Frank Irving assumed the role of Director of Graduate Studies and has, in a few short months, improved our operation of the advanced degree program in the face of steadily climbing graduate student enrollment and a flood of graduate study inquiries. Frank has had a long acquaintanceship and involvement with graduate education and graduate policy both within the College and as a member of various Graduate School committees. John Haygreen continues to serve very effectively as Head of the Department of Forest Products and Ken Winsness maintains the high standards of concern for and close association with students and programs as Director of the newly retitled Office of Student Services.

Zig Zasada has served the past year as Acting Director of the Cloquet Forestry Center. Bruce Brown resigned as Director and will continue as a member of the faculty at that Center. During the interim a small committee of faculty have been asked to re-examine the mission of the Center as well as to advise the Dean of the College regarding the administrative operation of that facility. The Center has grown substantially in program, staffing and facilities during the past several years suggesting reassessment as a useful and needed guide at this time.

## PROGRAM DEVELOPMENTS

Enrollment both at the undergraduate and graduate level continue their steady upward trend. This was most notable during the past year in terms of applicants qualified to enter the junior class in the Forest Resource Development and Forest Science curriculums. 158 such qualified students applied for the Itasca field session. Because the living accommodations at the Station and an agreement with the Department of Natural Resource limits our student numbers at Itasca to 125, we faced the first of a series of dilemmas such enrollment levels pose. The solution this past year was to offer concurrent 3-1/2 week field sessions for these entering juniors with 109 being accommodated at the Itasca Center and 49 at the Cloquet Forestry Center. This meant, of course, a doubling of staff effort and careful coordination by Al Hallgren and Al Alm to assure that the material offered at both sessions was equivalent. All reports from faculty and students were that this was a very successful endeavor. Those who participated, both faculty and students, are to be congratulated on the efforts they put forth to make this so.

Having admitted 158 students to the junior year in these programs, we are experiencing required junior course



*Dean Skok meets with the Forest Products Faculty.*

classes of 180 to 250 students. These are numbers and stresses not previously experienced. The added teaching load responsibility for faculty is one we are attempting to cope with within the very limited teaching resources available. We will again be faced this summer with an entering junior class in these two curriculums of about the same size unless steps are taken to control enrollment. The general philosophy within the central administration of the University and the Board of Regents is opposed to controlled enrollment. The basic feeling is that if the quality of education is not hampered, students should have a free choice to pursue whatever avenues of academic interest they may have.

Undergraduate enrollment in the Forest Products curriculum is at a high point with over 55 students enrolled. Five specializations are now offered in this program. These include Wood Science and Technology, Marketing, Production Management, Pulp and Paper, and Residential Housing. Very strong scholarship support developed by Rollie Gertjansen from industrial sources for the Pulp and Paper specialization have resulted in a rapid growth in enrollment in this area. Employment opportunities have remained strong for graduates of this curriculum.

Approximately 60 of the 550 undergraduate students in our programs are women. This represents a continuing and welcomed trend within the student group. The eventual influx of women into professional forestry should bring new perspectives, sensitivities and values at a time when these are very much needed. It has already brought these benefits to our College programs.

Graduate enrollment rose to 86 students in Winter Quarter 1975. This was by far the highest enrollment level attained in the history of these offerings in the College. The largest increase occurred in the Master of Forestry with students numbering 18. Nearly all of these have undergraduate degrees in fields other than Forestry. Baccalaureate degrees ranged from chemical engineering to social psychology. Of the 18 MF candidates, 6 are women. These are the first U.S. women graduate students we have had in the College. Employment opportunities remain quite favorable for individuals with advanced degrees in most fields of forestry as testified to by our job book entries.

The College will undergo a combined Graduate Program and Cooperative State Research Service Review in April of this present year. This will be our first experience with

such a combined review. Helpful guidance for the period ahead is expected from both internal and external reviewing committees.

Research activities of the past year showed a definite uptrend in outside grant funds attracted particularly to the Remote Sensing and Hydrology areas. Larry Merriam led a group of faculty and students in completion of a well received environmental analysis study for development areas within the Voyageurs Park. This was done under the auspices of the National Park Service. Continuing grant money from this agency will finance further work of this type related to that park's development.

Merle Meyer and Arnett Mace were involved with the Pacific Northwest Forest Experiment Station in Alaska. They were asked to look at the impact of the 1967 earthquake on a water fowl nesting area of some 700 square miles.

Publications representing the culmination of several or many years of research were completed this year by faculty. These included the report on The Ecology of Upland Forest Communities and Implications for Management in Itasca State Park (Hansen, Kurmis, Ness), Foreign Investment in Renewable Natural Resources: A Case Study of the Forest-based Sector in Latin America (Gregersen, Contreras) to be published in book form by Resources for the Future in June, and The Ecology of the Isle Royale Moose with Special Reference to the Habitat. (Krefting).

These are examples of the diversified types of research activities the College program now encompasses.

In the Extension-Continuing Education area, Bill Miles' program in environmental education focusing on elementary and secondary teachers has now reached well over 2,000 teachers in the Minnesota school system. This has been an outstanding effort. The next generation in Minnesota will benefit from the efforts he and others have made toward the development in teachers of an understanding and appreciation of forest management and forest environments. Marv Smith has developed an interesting sequence of Forest Owners and Users Conferences held throughout the state semi-annually. In addition he has cooperated with the states of Michigan and Wisconsin in holding the first-ever regional conferences in Chicago for absentee landowners living there but whose lands are in the Lake States area. Lew Hendricks this year chaired the Annual Lumbermen's Shortcourse which had an attendance of 88 for a two week period in February. Lew introduced several new and innovative aspects to this program which was very well received by the individuals in attendance. The past year has also seen extended efforts by Lew on the utilization of disease killed elm and oak in the metropolitan areas. With the banning of disposal methods widely utilized in the past, the necessary sanitary salvage activities to reduce the spread of tree diseases presents a serious problem. Utilization is one alternative and an educational program aimed at this part of the system has been sorely needed.

## FACULTY

During the past year several positions that had been

open on the faculty for a period of time were filled. We were very pleased to welcome to our staff the following individuals: Paul Ellefson, whose field is forest economics and policy and comes to us from the position of Director of Environmental Affairs with the Society of American Foresters. Paul did his undergraduate and Master's work at Minnesota back in the early 60's, completed his Ph.D. at Michigan State and worked for the Department of Natural Resources in Michigan for a period of time prior to joining the SAF. Ed White, who is stationed at the Cloquet Forestry Center, is a native of New York, received his undergraduate degree at Syracuse and his doctorate at Auburn. Ed most recently taught at the University of Kentucky and we are most pleased to have him join us to teach the field silviculture and conduct research in silviculture and soils at the Center. Dietmar Rose, a native of Germany, completed his Ph.D. at Wisconsin and most recently taught at Ames, Iowa. He joined the faculty in December in the field of systems analysis application to forestry. Dietmar will teach both at St. Paul and for a portion of the session at the Fall and Spring Cloquet field sessions. Ronald Neuman, who was in the Chemical Engineering Department at the University of Idaho, joined the Forest Products Department of the College in the pulp and paper program last May. Ron brings to us some very specialized capabilities in process engineering and a recognized teaching ability which will broaden and strengthen our educational offerings and research in the Forest Products unit. He is a graduate of the Paper Institute at Appleton, Wisconsin.

Don Van Ormer accepted the research-extension position at the Cloquet Forestry Center. He has been working closely with our mechanized harvesting project in the extension of results of this and other studies to the forest industries and agencies in northern Minnesota. Don holds degrees from Southern Illinois University and most recently developed and led the technicians program at Southeastern Illinois University, Harrisburg, Illinois. Mr. Rod Sando was appointed in the field of quantitative analysis and fire management. Rod has done his degree work at Minnesota and has worked previously in research for the Ontario Forest Research Station and with the North Central Forest Experiment Station. He will continue his teaching in fire and multiple use management and is conducting research in the application of computers to forestry problems. This past year Rod has had a half-time appointment with the Center for Urban and Regional Affairs, working with them on the application of the Minnesota Land Management Information System to forestry situations. Additionally, Mr. Roy Mead and Mr. Kurt Olson joined us as part-time instructors in Remote Sensing, working under the direction and guidance of Merle Meyer as Director of the Remote Sensing Laboratory. Also, Mr. Arnoldo Contreras spent most of this year with us as a Research Fellow in the field of forest economics working with Hans Gregersen on Benefit-Cost Analysis Applications in Forestry.

While a number of new people joined us during the year we were sorry to lose the services of Joe Ulliman, who had for several years ably handled the instruction of undergraduates in the aerial photos course. Joe left us to join

the College of Forestry, Wildlife and Range Resources at the University of Idaho. Bill Boehner, who had served as an Instructor in Forest Products for several years completed his Ph.D. and moved on to a significant position with Weyerhaeuser Company in Tacoma, Washington.

During the past year Bob Erickson returned to us from a sabbatical leave he spent with Weyerhaeuser Corporation in Longview, Washington. While away for the year Bob worked with Weyerhaeuser on interesting problems of drying tropical woods primarily those from Indonesia. Ed Sucoff spent six months on a special assignment with the Midwest University Consortium for International Activities in the Higher Education Agricultural Project in Indonesia. Forestry rides piggy-back on this project and has some opportunity to send short term advisers to work with the major universities offering forestry education in that country. Ed had the good opportunity to spend six months with his family at Bogor University in Indonesia and recently returned after a short stint in New Zealand on the way back. Bob Thompson is on sabbatical leave this year in Canada working with the Province of Alberta in attempting to develop an integrated aspen utilization plant near Lower Great Slave Lake. Bob's vast experience of the past in developing techniques for the manufacture of aspen studs in Minnesota has gained wide spread attention in Canada and led to this opportunity. John Haygreen, Head of the Department of Forest Products, has recently returned from participation in a particle-board conference in New Delhi, India and two weeks of consultancy with the MUCIA program in Indonesia.

Hans Gregersen has several times this past year spent short term assignments with the World Bank in Central and Latin America on developmental projects in the forestry sector. He is preparing for his participation in an FAO symposium in Ecuador this June for Latin American forestry administrators. Larry Merriam returned from a single quarter leave last Spring having spent the months of April and May in Australia lecturing and pursuing researches on recreational programs in the undercontinent. He also spent several weeks in New Zealand lecturing at institutions there and consulting with colleagues in recreational agencies in that country.

One could not close out the commentary on happenings to personnel in the College over the past year without comment on the retirement of Iva Manley this December. Iva served as Dean Kaufert's Senior Executive Secretary for a number of years and was a key element in the functioning of the School and College's programs. Iva and her husband Jim have moved to Waseca, Minnesota, where they spent many enjoyable years earlier in their careers.

## SPECIAL EVENTS

On September 13, 1974, the Kaufert Laboratory of Forest Products and Wood Science was officially dedicated by the University of Minnesota. This Laboratory was built in three phases with the first phase finished in 1959, the second phase completed in 1964 and the third phase in 1974. This very excellent facility was in large measure the dream and result of the work of the individual for whom

it was named. Some 300 friends and associates of the College of Forestry assembled on a cool, windy September afternoon to participate in an open house and formal dedication program. C. Peter Magrath spoke at his first building dedication as the new President of the University of Minnesota, Deputy Vice President and Dean William Hueg of the Institute of Agriculture, Forestry and Home Economics spoke to the significance of this facility to the forest economy of Minnesota. Outgoing Chairman of the Board of Regents, former Governor Elmer Anderson spoke eloquently in recognition of Frank Kaufert and of the meaning of this Laboratory for the State of Minnesota. In total, it was an occasion befitting the magnitude of the man, the accomplishment and the aspirations that the Laboratory represents. John Haygreen, as Head of the Department of Forest Products, and his staff hosted the open house and presented a very interesting and worthwhile ceremony for the occasion.



*Frank Kaufert watches as William Hueg and C. Peter Magrath cut the log to dedicate the Kaufert Laboratory of Forest Products and Wood Science.*

With the completion of Phase III the University of Minnesota has one of the outstanding forest products labs associated with an institution of higher education in the United States. We fully recognize the importance of improving and developing our capabilities in this field and believe we have the facility, faculty and the leadership to do so.

## SPECIAL RECOGNITIONS AND AWARDS

During the past year faculty and alumni of the College as well as the College itself have received special recognition. Arnett C. Mace, Jr., Professor and Head of the Department of Forest Resources, was recognized along with seven other members of the faculty of the University of Minnesota with the Horace T. Morse-Amoco Foundation Awards for Outstanding Contributions to Education. This is an award granted in competition within the University and open to all faculty members of the University. It is the third time such an award has been granted to a College of Forestry faculty member with previous winners having been Ken Winsness and Merle

Meyer. It stands as a recognition of the continuous efforts on the part of Arnett towards superior efforts in undergraduate education. Bill Miles received one of the first Environmental Quality Awards in the Environmental Education Category given nationally by the U.S. Environmental Protection Agency. It is truly a well deserved recognition for the excellent program development and leadership Bill has given to the State in the development of a plan for environmental education.

Three of the College's past graduates were recognized this year by the University with Outstanding Achievement Awards. These included Bob Binger, graduate of 1940 and President of the Natural Resources Division of Burlington Northern, Inc., Dr. Fred Wangaard, graduate of 1933 and presently Head of the Department of Forest and Wood Sciences, Colorado State University and John Stevenson, graduate of 1912 who for many years lived in Puerto Rico and was instrumental in development of the National Fungus Collection in Beltsville, Md.

In a survey of 18 graduate-professional fields in the United States, as reported in Change Magazine: The Magazine of Higher Education, the College of Forestry, University of Minnesota was ranked fourth among programs in forestry nationally. We are very honored and pleased with this recognition. We will strive to have a program that is continually improving from year to year and deserving of such recognition. The strength of our program lies not only in what our own resources are able to accomplish, but on the fact that we have highly qualified and motivated students and staff, and an extremely strong supporting University with individual departments critical to the molding of a well rounded professional land manager.



## CONCLUDING REMARKS

Our view of the mission of the College of Forestry is summed up briefly in this statement presented in a brochure published this year on our programs:



"The University of Minnesota College of Forestry is an educational, research and public service institution for the citizens of Minnesota. It is recognized for its contributions to national and international forestry education. The College's most important role today and for the future is its unique opportunity to contribute to the educational and research dimensions of the total renewable resource systems in Minnesota. Thus, the College through its faculties, staff and students views forestry in the broadest context. The products of the College are well educated graduates, relevant research findings and their applications and an increasingly informed citizenry.

Forest products and services have been vital throughout history. Today and in the future forests will be increasingly important. It is a renewable resource serving humanity's needs."

This represents the concept we have of ourselves and the aspirations we have for our programs.

As the new Dean of the College of Forestry I am privileged to make the above report to you. Largely through your accomplishments and support our reputation has achieved the stature it has. It is my privilege, and I am humbled by the opportunity, to follow in the leadership role that the Frank Kaufert's, Henry Schmitz's, E.G. Cheyney's and Sam Green's have provided previously. Every period in the history of the College has its own limitations and opportunities. We have at this stage in our history an outstanding faculty and a challenging and inquiring student group. The problems and opportunities in renewable resource management that beg for answers and performance are staggering. We have sufficient idealism to seek to meet these challenges with an enthusiasm and excitement that only those who love and believe in their chosen profession can show.

# OPINIONS

## The Forester in Changing Times

Living in a world of rapid change, man has become increasingly concerned about the quality of the environment and the limited quantity of natural resources. With an increase in population and demand for forest products, increased pressure has been placed upon the forester and the forest products industry to provide us with more and better forest products and, at the same time, to protect the environment and to maintain the quantity and quality of nature's only renewable resource – the forest.

As foresters, land managers, loggers, manufacturers, and environmentalists, we must concern ourselves with changes in forestry management practices, utilization, manufacturing and education to better prepare ourselves for the future and the problems that changes may produce.

### Do "proper forest management" and concern for the environment conflict? How? Why?

Not usually. What is good for our environment is often good for our crop. Reducing the size of our clearcuts revealed that they were easier to plant, have less change in the microclimate, and have higher survival of the planting stock. This strongly developing concern for our environment has forced us to look closer at our management practices and as a result, greatly improved them.

*Stephen Nielsen, 1973*

I feel that some law courses are necessary for the challenge of forest management and concern for the environment under the conditions as they exist today. With proper forest management there should be no conflict between these two concepts but the decision as to what is proper forest management is the question that is going to be hard for people to agree on.

*Frank E. Tucker, 1939*

No conflict. Management must concern itself with environmental pollution, and biological interrelations in which disease and insect control may be critical.

*Ben M. Whitehill, 1928*

No. But whether one accepts this response depends upon how he defines "proper forest management" and "concern for the environment". Proper forest management surely must have a long range outlook – in fact, this is the forester's outstanding forte. To shift the costs of current benefits to the next generation is neither reasonable nor just. To a substantial degree, concern for the environment implies concern for the next generation. An environment which is heavily contaminated or provides reduced variety in human benefits down the road does not come from proper forest management. However, the joining of these concepts free of conflict often requires some give on both sides.

*Donald P. Duncan, 1951*

Yes there is a conflict, in fact almost an adversary relationship – the younger voters are more sophisticated and are not going to buy some of our old ideas. There is going to be much more demand for recreation and

aesthetic considerations. There is going to be increased demand by the public to either cease logging in our more fragile environments such as high altitudes, semi-arid climates where it may take 1,000 years to re-establish a going forest again – we have yielded too many times to the ruination of some critical forest areas.

*Frank Shearer, 1937*

There is a definite area of tension between proper forest management and concern for the environment. Concern for the environment has often taken the extreme idealistic view and has failed to realize that nature is very resilient. At the same time foresters have been short sighted in their definition and application of proper forest management.

*Marvin Meier, 1966*

Part of proper forest management is concern for the environment. The only place where a conflict may develop would be on a purely "Industrial Forest", where economics govern many resource decisions. Purely industrial forests are, or should be, a thing of the past. "Proper forest management" is a mesh of all the demands on our forest resources.

*Mark L. Vantassel, 1972*

I think the biggest conflict here is the demands put on the forest manager's time. The time concerned in cataloging all the various effects that a decision has on the environment, with the present bureaucracy involved with environmental legislation, slows and muddles the decision making process. Certainly this is a budgeting and manpower problem as well.

*Scott Barger, 1975*

Unavoidable visual impact of timber harvesting offends the uninformed. The public must change its attitude to some degree as they have managed to do in Western Europe. Conversely, forest owners must change their concept of absolute land ownership. They must recognize an obligation to future generations and that people need food for the soul as well as for the body. More attention to esthetics is needed.

*Ted Niehaus, 1933*



## How do you see the demand for new forest products affecting forest management practices?

Any demand for new forest products is going to put more stress on the forest. It will soon be hard put to supply all the needs for traditional products (lumber, pulpwood, poles, piling, etc.) required by an ever-expanding population. This will require more intensive management or more forest land, industry's greater use of improved trees made available by forest genetics research.

*Paul C. Rudolf, 1928*

In my opinion the demand for forest products should enhance utilization practices and in general make timber harvesting more acceptable to the public. It likewise should support efforts and provide funds to carry out the badly needed reforestation programs.

*Lincoln A. Mueller, 1935*

The demand for new forest products is going to do one major thing in forest management. First of all it will force a more complete utilization of wood material. We will see more and more chipping operations done in the woods. Secondly we will show the public that timber harvesting can be done aesthetically, completely, and efficiently. Thirdly this will give some impetus to the idea of managing not only trees that are currently economically valuable but also those currently marginal or sub-marginal. Fourth, this will hopefully create the demand for greatly increased research into the use and management of species which are considered scrub species and have no possible use at present.

*John Davis, 1974*

New forest products will be mostly derivatives of wood fiber, and not necessarily lumber as we now know it. This will enable foresters to maximize the per acre growth by close spacing of trees and fertilization. However, the supply of fertilizer has to be assured for food growth before we can use it for fiber growth. Early commercial thinning will be necessary to achieve proper stocking levels. The smaller trees that would be removed during the first thinning would not produce good lumber, but would provide many tons of good usable fiber.

*Nick Vagle, 1968*



The tremendous demand for forest products in recent years has forced us to sacrifice quality of product for maximum volume. Harvesting of inferior woods and close utilization have become profitable. The greatest opportunity for improved forest management is on the two thirds of our forest land in small ownerships. We can now demonstrate that good forestry pays. At the same time human greed may lead to more destructive and premature harvesting for immediate gain. This will have to be controlled by law.

*Ted Niehaus, 1933*

Increasing demand on forest products will not only necessitate more intensive silvicultural practices but places greater pressure on utilizing lower grade timber resources including everything on stump; perhaps even the stump itself.

*Scott Barger, 1975*

## What changes should be made in professional forestry education to enhance the qualifications of the forestry graduate for practicing in today's world? Are there any subject matter areas in which the forester needs more or less training?

One thing we could use more of in a forestry education is experience under field conditions. The Itasca and Cloquet sessions are great, but these areas have been at least partially managed in the past and during the present. There are no better learning conditions than forests which are unfamiliar and which have had no prior management. In the past month I have been in forest types that I was practically at a loss as what to call them let alone recommend what to do with them. I think forestry students could use more emphasis on management situations. With the increase in public use of forested areas, training in people management will become increasingly important.

*Ronald Goetzinger, 1974*

Professional forestry education should include considerable time on development of human relations, public speaking, writing, and an understanding of "the people we deal with". Remember, the people come before the trees. A forester rarely uses the technical data learned from some college courses. This is nice to know information but does not apply to the practicing forester. I feel that subject matter should include something on hardwood management, techniques of reforestation, and human relations.

*John Krantz, 1967*

The growing of timber, although very important, should not be the only point stressed for future foresters. On the Superior National Forest many areas are marginal in their capacity to grow trees economically. In these cases wildlife should have a much higher priority. The various needs of any given species of animal were not stressed enough in college. Just a 1 credit course dealing with the needs (food, shelter, reproduction) of important animals would be useful.

*Leo Johnson, 1973*

Teach forestry practices related to the various regions instead of so intensely aimed at Minnesota timber and problems. Our biggest problems out here (California) are roads and land movement. Quite different than back there.

Students enter state, private, or federal forestry

(some become consultants on their own), inform them of what to expect, differences, advantages and disadvantages, etc. In other words just what the job is all about.

Weak Areas:

- 1) Fire (This is a biggie)
- 2) Silviculture (we don't even have black spruce out here)
- 3) Administration
- 4) Economics – applied

*Stephen Hielsen, 1973*

Eliminate the undergraduate specialization in Forestry.

*Lloyd Lamois, 1949*

Train 'em for real forestry practice in the woods, instead of swivel-chair forestry in government and industry offices. Foresters need more training in frequent light cutting as an alternative to too infrequent heavy cutting.

*Ellery Foster, 1928*

Today's forester must be as much a people manager as a timber manager. People have to be shown the need and the reasoning behind timber management. They have to become interested in timber management before they will put any time, effort or money into it. Courses in public relations would be of help in this area.

Courses in marketing and how to develop markets would be of more benefit than those on how to cut down and cut up a tree. This should be left to the professionals – the loggers and mill operators. The loggers and mill operators have to be professional in their own area if they are to survive in today's market. We should be better prepared in how to supply them with what they need and to help them create more outlets for their products and by-products.

I could see a forestry curriculum becoming a five-year course. This would be necessary to include these extra courses plus some time working with a practicing field forester to gain invaluable practical experience. Upon graduation a graduate should be given a master degree to make up for the extra time required plus the additional knowledge gained.

*Dale DeGroot, 1968*

There is one major area of forestry education in which improvement is needed. Such improvement might help alleviate this problem with the public. This is in the area of communication. Foresters as a group (with notable exceptions) often are unable to present their position to the public either orally or in writing. In other words, they are lousy communicators, even when they are doing a great job in the forest. These days, the public has to know. Routine college introductory courses in English composition and speech are not adequate. Teach foresters to speak and write effectively and to understand their obligation to do so.

*Cliff Ahlgren, 1973*

People consult medical doctors with their physical problems, not professional conservationists. When the local community is considering the suitability of 80 acres of wooded land South of town for industrial development, the ideas and suggestions of power structure members consisting of doctors, bankers, etc. sitting on community boards are solicited, usually not the conservationists in the area. This is only one point, but I feel it is a big part of the conservation program. Conservation programs can not be effective unless the people involved have a basic, thorough understanding of the economic status and political climate of the area.

*Gary Ewert, 1968*



I feel the present professional forestry education lacks necessary technical and practical experience with mechanical forestry equipment. There is still too large a gap of basic understanding and innovative ability between those of urban and agricultural backgrounds.

*Scott Barger, 1975*

Practical, environmental studies. People management.

*Robert W. Johnson, 1941*

I feel students need to get as strong an understanding of the basic sciences involved in forestry as is possible. Certainly it is important to study the associated skills; but, both the forest managers and environmentalist groups of tomorrow will be better off if their science base is strong.

*Marvin Meier, 1966*

The forester should maintain his professionalism and not dilute it with social studies and humanities studies. Any additional studies to be added should be in the direction of science.

*Doug Parsons, 1941*

Forestry education needs to lean more toward the social sciences because of the ever increasing impact of people on the forester's decisions. The art of communication should be stressed. A command of the English language is imperative. Less emphasis on technician type training may be in order. We now have good forest technician schools to take care of the mechanical chores. To manage the forces of nature one must first understand them.

*Ted Niehaus, 1933*

The concern for Forestry graduates' qualifications can best be assuaged by making sure of the soundness of curriculum and the qualifications of the faculty. Many of the PhD's teaching in the College of Forestry have come up through academic ranks with little if any forestry work experience, and spend almost no time in contact with working foresters. The instruction they offer is naturally tainted – by their lack of experience.

What is needed is for the College of Forestry to hire more instructors who have been out working. My experience has been that these tend to be the better teachers.

*Jim Marshall, 1974*

## In what ways are changing public attitudes affecting forest management practices?

Lately, it appears that today's forester, in either a Governmental or private capacity, is being examined and restricted by the concerned public around him. His decisions are carefully scrutinized by people with many special interests, who have effective avenues of protest to utilize. At times, a forester may be exasperated with the different views of his proposals, never expecting the questions ahead.

I feel that the concern that is being exhibited by the public the past, present and future users – is of benefit to all foresters. It makes every forester a teacher, as he is asked to explain all the factors that entered in his decisions on land management. Also, this concern forces today's forester to consider many combinations of decisions for a certain land unit. These combinations are weighed for a total maximum effect, with a consequent compromise. I feel that these various alternatives and combinations open up the forester's perspective on land management, people pressures, and needs.

Today's forester becomes a good compromiser of the various resource capacities tied to the needs and demands of the public. He must become skillful in blending the alternatives and fully explaining them to the public. Once the public understands the various factors involved in land management, they are more liable to accept and promote the land management decisions.

I have been fortunate to have dealt with the public in Michigan, Illinois, Missouri, and now, New Hampshire. I am continually impressed with their interest in the public land around them. The more they are informed properly, the more supportive they become.

*Mark J. Goibl, 1967*

If correctly informed, people will accept and support the total forestry contributions to society. These rabid environmentalist views and dog-in-the-manger attitudes are probably not permanent. They should mellow out a bit in future years.

*Art Ferber, 1935*

Ways in which changing public attitudes are affecting forest management practices.

- a) Forcing foresters to pay more attention to the preservation and improvement of aesthetic values and recreational values.
- b) Limiting growth rates and production of wood products by reaction against certain silvicultural techniques.
- c) By failure to fully recognize long range forestry potential benefits.

*C. B. Buchman, 1940*

Foresters have often taken the position that what people "need" is more important to those people than what they say they "want". Today, the American public is better informed on the human benefits forests can provide than they were a decade or two ago. Although still not adequately aware of the alternatives from which they must choose, their values and attitudes do affect professional forestry practice. Foresters can ill afford not to consider the public viewpoint with respect to clearcuts, decisions as to what is the highest forest land use, or how we employ fire, insecticides and silvicides. We are recognizing that the era when "Papa knew best" is gone and our forestry practices are reflecting this recognition.

*Donald P. Duncan, 1951*



Increased population, mobility and affluence are three factors that have greatly influenced public attitudes on forest management practices. They have helped the public realize that they are dealing with a finite land area, and have created growing demands for both material and non-material values. Goals set by land managers on Federal, State, and even private levels are being challenged by diverse interest groups. There is now a growing demand for such things as protecting watershed areas, providing recreational facilities, and establishing wilderness areas.

The public involvement in land management is beginning to show. However, it operates primarily through withholding of consent rather than providing control over the actual management decisions. An example of this could be the National Environmental Policy Act of 1969. The act requires an environmental impact statement for major federal actions which affect the quality of the human environment. Alternatives to the proposed action must be made available to the public who must give their consent in order for any action to be carried out.

Public attitude is still in the process of changing though, and different interest groups are beginning to demand a voice in the actual setting of the goals of land management. Small, informed, working groups with interaction among representatives of conflicting interests must work with land managers to provide management decisions; decisions which are reasonably consistent with what the general public seems to consider its best interests.

*Dan J. McCormick, 1974*

The American people have awakened from a sense of complacency where our environment is concerned. Much of the recent uproar has been anti-forest management for two reasons. First, some of us have been guilty of some questionable management techniques. Second, the results of our most important management tool – cutting – leaves some rather ugly scars for a few years. We have been put on the defensive and the reaction has been to abandon, or at least curtail, some absolutely sound management practices. We are at the point where we must go on the offensive! Each land manager should take every opportunity to make personal contact with local groups, clubs, etc. with plain, down to earth, and for God's sake truthful information on the techniques used, reason for using them and results expected.

*R. H. Roberts, 1965*

The forester, with the government, is serving the public. His concern should be to listen to public interest groups and any individuals who voice opinions over forest management practices. However, it is unreasonable to expect superior compassion and patience along with professionalism and expertise. Why not admit we are only human too? A whole new division of public services should enable the public to get their opinions into the arena while proving the forester a mode of communication that will provide information to both sides and not simply emotionalism.

*Joanne Kleinberg, 1977*

For many reasons the views and attitudes of professional forestry do not seem to be getting the publicity and press they deserve. This I must say is the greatest weakness in the forestry educational system.

*James G. Newstrom, 1961*

The public has become very aware of environmental problems, including practices in forest management. In the process, the public knows what it wants – the desired forest result. It therefore goes an illogical step further by assuming it knows how to achieve this result and attempts to advise, dictate, and control policies of forest management. It is perfectly willing to let an M.D. prescribe in matters related to personal health, but assumes it is able to prescribe for the forest health better than a professional forester.

*Cliff Ahlgren, 1973*

They are forcing the professional Forester to spend more time documenting each step of his thought processes in arriving at each land management decision-thought processes he formerly went through – some subconsciously – without documentation. In many ways this is good, as it aids in preventing inadvertent omission of some resource-affecting factors which could significantly affect the final resource allocation decision.

This need for documentation has brought about many needs, particularly in the field of data handling: summation, storage, retrieval and extrapolation. This has made new demands on the forester, particularly on his math and business management fields backgrounds.

*Wayne J. Dunn, 1965*



## What do you see to be the greatest challenge to the forester in the future?

Forestry as a science will have to adapt to meet such problems as: zoned agriculture lands, forcing higher populations in "our" woods; increased local recreational use due to higher transportation costs; better utilization of our forest reserves and increased management of private lands to meet consumer demands economically.

Therein lies the challenge to us as foresters. For in order to meet those problems and others, we are going to have to communicate better, adapt faster and become more creative than those who have gone before us

*Jerome Deden, 1975*

The greatest challenge to the forester in the future, the very near future, is getting the vast majority of private woodlands under proper land use and forest management. This means being able to SELL the private land owner that his holdings are worth more than just wild-life homes or real estate speculation. This is not true for all parts of the country but it does seem to be true in northern Minnesota. This management of private woodlands also means more jobs for the Forestry profession, in both consulting and government agencies. Let's get going!

*James Rupert, 1973*

Our biggest challenge will be to keep our forests useful, not in just one sense, but with multiple use. Special interests will continue to push for just one use of our forests. We will have to work hard to get all of the uses available from our forests.

*Richard P. Axtman, 1972*

To keep productive forest lands from being removed from multiple use objectives to single purpose, "preservationist" uses.

*Ralph H. Olson, 1964*

Their biggest challenge is to develop management methods and skills that will provide the flexibility needed for fullest use of the forest resource within its capabilities and the complete spectrum of man's requirements.

*Glenn H. Deitschman, 1947*

In the immediate future the challenge will be to be able to effectively present sound forest management practices to an ever more critical public (that doesn't equate forests with products) so that good management can continue to be carried out on forest land.

In the long range we'll have the challenge of producing more wood on less land as population and demand increases.

*James Mohler, 1962*

The challenge is to have enough guts and initiative to cut thru the public and bureaucratic B.S. to do a creditable job of managing a complex ecosystem. When the needs of the plants (this includes trees) you are trying to manage are satisfied most often you will satisfy the needs of the users of these plants – you won't be far from wrong.

*Maurice Ziegler, 1962*

To get abreast of the urgent need for truly conservative forestry, and making conservation a part of the folklore of the people, as Aldo Leopold said it has to become, since (as he said) "conservation is too big a job for the government ever to do by itself."

*Ellery Foster, 1928*

The greatest challenge to the forester today is to resist the demands of government and business to force the cutting of more timber than grows every year to satisfy their greed. They should make their stand on this issue and show that they are professionals with integrity and thus save our natural resources for future generations as well as our own.

*Doug Parsons, 1941*

I feel the greatest challenge to the forester in the future is communication. There is a growing need for a basic ability to communicate between the researcher, forest manager and the public.

*Scott Barger, 1975*

In my opinion, one of the challenges facing foresters today is changing the current public image of foresters. Because of Smokey the Bear and Walt Disney programs dealing with national parks and forests, I believe that the public thinks foresters' only jobs are to fight forest fires and take care of summer visitor needs in our national parks and forests.

If the forester's opinion on important environmental issues is to be listened to seriously by the public, foresters will need to get their image out of "jellystone park" and into a more respected and proper place.

*Marvin Olson, 1976*

We must get more potential forest land back to producing trees — we are under producing in every forest region in the U. S. — we need a national land-use policy with some teeth in it to put a stop to millions of acres being held in mineral, gas and oil leases virtually idle, covered with brush and little else, this applies especially to the south but is also tragically true in Appalachia and up into the lake states — we have to quit kidding ourselves and the public — we aren't getting the job done and the public is going to wise up and start asking why??????

*Frank Shearer, 1937*

Today political pressures, environmental concerns and just plain ignorance are causing the professional forester to be challenged. He is challenged to look again at his practices, as well as learning to better communicate his views.

The future forester needs to be a better "generalist", and he must be able to communicate in a clear and concise fashion.

*James Oberg, 1953*

The greatest challenge to the forester is to meet the rising demands of the public and still preserve the quality of the environment. In the years to come this will become increasingly important as the world's population increases. I think the forester will be able to face this challenge if he does something now to prepare himself. He must look ahead to see what to expect.

*Mark Hansen, 1976*

I view the needs in the forestry profession as two-fold. One need is for highly technically qualified people to continue in study and research. These forest specialists must be dedicated and motivated to seek new technology and uncover cryptics of the environment that will therefore offer the field foresters and field managers the tools to meet the changing demands placed on the resources, and also offer them continued growth in education.

The second type of professional that is most critical to these times is the forester who has developed a broad background in all phases of forest management — a

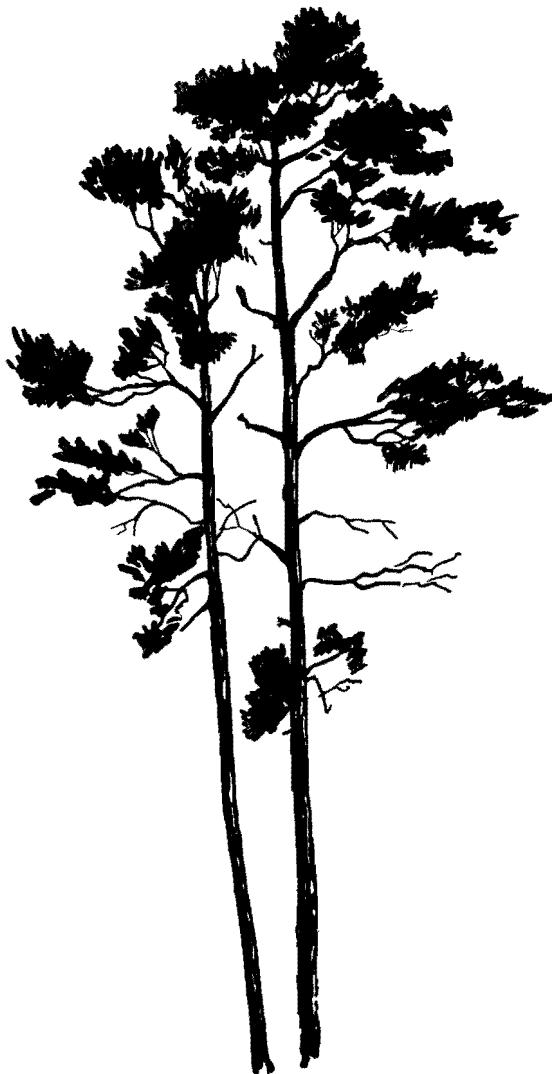
forester who understands the principles of a sound forest management system, and who fully comprehends the multiple use of the resource.

This forester, in addition to education in principles of resource management, must be adept at listening, speaking, debate, writing, government, sociology, and educational techniques. He is critical to the profession in that this forester is the key to public understanding and involvement. This forester is responsible for gaining public permission for forestry to be practiced, for public education of the many millions of people in urban America who do not understand the possibilities of a well managed forest, but who have great influence at the polls.

This forester must be willing to openly communicate what he believes to be objective forest management. He also must have character enough to express these beliefs at times to an inimical public or unamiable supervisor, but in any event he must take the responsibility to be fully what he is — a forester.

*Peter M. Zech, 1968*

*We apologize to all those students and alumni whose responses were received and for some reason not printed.*



# THE FUTURE IS NOW

James Torrence, Supervisor of Superior National Forest, declared, "The Future Is Now", in his talk at the annual Forester's Day Special Event, held on the St. Paul Campus, on Friday, January 24.

He went on to say . . . "Look up at what's going on around us, think about where we are headed, and consider our small world in relation to the total. . . . The future is now. Time is running out, the land management decisions of today are crucial to the future of our society and will play a significant role in the shape of things to come. So, here we are with our problems.

Now, there is a segment of the public who do not seem to agree with this inescapable reality, I'm speaking of the blind, unthinking, preservationists. The ones who would bring the world to a standstill in the name of preservation. Some of these are uninformed followers and some are crusading leaders. No doubt all have good intentions. But, they are not very realistic. If we are going to maintain our standard of life and raise that of others, we can't preserve it all. Yet, the strategy of some preservationists is to oppose all development for whatever the purpose, and to propose such things as classifying all possible lands as Wilderness. Without the wise use of our natural resources, there is no hope of maintaining our present way of life.

There are those who would preserve nothing. These I call the exploiters. . . . people on this side take the approach that such things as environmental protective measures are not necessary, impair progress and are too costly. In a way this is the group that is a part of the philosophy and culture that developed our country, when we looked at land and resources as endless commodities. This we can't afford to let happen.

The hard-core preservationist and the exploiter are at opposite ends of the spectrum. Fortunately, there are many people with tendencies in one direction or the other who are still reasonable and responsible in their approach.

The business of managing our resources is not an either-or situation, not a case of preserve or exploit. Somewhere in the middle between preservation and exploitation is the proper position. Balancing the scales is not easy.

I. We must continue our current resource programs. We can, however, improve existing programs now. I'm convinced we are not using the information, skills and knowledge we now have available. I know we can do better with our present situation, and I know this also to be the case with state, county and private lands. A specific case in point is the 3 million acres of county owned commercial forest lands in Minnesota which are not receiving adequate attention, nor coming close to their potential of helping meet our total resource needs.

II. Research — Even though we are not fully applying the knowledge we now have, there is a great need for more. The research efforts today here at the University, North Central and other places, is excellent. This work deserves our strong support so that it may continue and expand, I look at research as two-fold, basic and applied. Applied research which I can quickly use to help with my responsibilities as a land manager is of first priority to me and should have emphasis. I know basic research is necessary, but applied research needs more attention.

Just as the land manager has a responsibility to the public to make land management decisions in an objective manner for the public good, the researcher has a responsibility to the public to pursue pertinent research programs that can be applied to achieve results that will benefit people and society.

III. Land Use Planning — The third path to some answers is land use planning. The pressures today on national forest lands make our present multiple use plans inadequate and we are presently engaged in a comprehensive land use planning effort on a National Basis.

How about the need for comprehensive land use planning on state, county and private lands? A few states are going pretty well, such as Vermont and Oregon.

We must have sound comprehensive land use planning at federal, state and local levels. We must overcome a traditional land ethic which dictates that man owns land to do with it as he pleases, the public be damned. To accomplish this will require federal, state and local legislation.

If you're not sure where you're going, you're liable to end up someplace else — and not even know it.

The challenge of the future is now. Accepting it is the only alternative, in light of the inescapable reality that this is the only World we have."



# FACULTY



**J. H. Allison**  
Professor Emeritus



**Randolph Brown**  
Professor Emeritus



**Ken Winsness**  
Director of Student  
Services



**Richard Skok**  
Dean  
College of Forestry



**Frank Kaufert**  
Dean Emeritus



**John Haygreen**  
Department Head  
Forest Products



**Arnett Mace**  
Department Head  
Forest Resources



**Frank Irving**  
Director of Graduate  
Studies

# Forest Products



**Ralph Hossfeld**  
Wood Chemistry



**Robert Thompson**  
Marketing



**Robert Erickson**  
Wood Physics



**Roland Gertjejansen**  
Pulp & Paper



**Jim Bowyer**  
Production Management



**Ronald Neuman**  
Pulp & Paper



**Lewis Hendricks**  
Extension Specialist



**Emily Sundeen,  
Amy Conway  
Janelle Peterson**  
Office Staff



**Henry Hall**  
Research

# Forest Resources



**Alvin R. Hallgren**  
Itasca Director



**Paul Ellefson**  
Forest Policy



**Hans Gregersen**  
Economics



**Douglas J. Gerrard**  
Statistics, Mensuration



**Dietmar Rose**  
Quantitative Management



**Merle P. Meyer**  
Aerial Photography  
Range, Remote Sensing



**Lawrence Merriam**  
Recreation



**Timothy Knopp**  
Recreation



**Rodney Sando**  
Forest Fire



**Kurt Olson**  
**Roy Mead**  
Aerial Photography



**Art O'Hayre**  
Hydrology



**Harold Scholten**  
Silviculture



**Henry L. Hansen**  
Silviculture, Ecology



**Carl Mohn**  
Dendrology, Genetics



**Egolfs V. Bakuzis**  
Ecology



**Vilis Kurmis**  
Ecology Research



**Edward I. Sucoff**  
Tree Physiology



**College Office Staff**  
Ann Reimer, Marilyn Workman  
Vicky Weise, Linda Douglas



**Library Staff**  
Diane Smith, Jean Albrecht



**Iva Manley**  
Senior Executive Secretary

On behalf of the students and faculty of the College of Forestry, the Gopher Peavey extends its congratulations to Iva on her retirement as Senior Executive Secretary for the College of Forestry. We are most grateful to Iva for her enthusiasm and patience with each successive Peavey staff, which has been a key factor in the production of the Peavey.



**Ken's Office**  
Marian Schoper, Doreen Gerwing



**Arno Bergstrom**  
Student Advisor

# Forestry Related Studies



**L. W. Krefting**  
Wildlife Research



**David French**  
Forest Pathology



**Herb Kulman**  
Forest Entomology



**Dave Grigal**  
Soil Science

## Extension



**Marvin Smith**



**Mary Ann Hellman**  
Secretary



**Bill Miles**

# Cloquet Forestry Center



**Faculty**

Donald Van Ormer, Ed White, Thomas John, Al Alm, Zigmond Zasada



**Office Staff**

Claire Pastika, Valerie Habicht

## The Faculty at Work



*Dr. Mace  
helps  
Paul  
Scherman  
solve a  
Forestry  
Club  
problem.*



*Dr. Mohn  
shows  
some  
students  
an excit-  
ing new  
tree.*

*Dr. Irving  
tells  
students  
how to  
burn down  
the forest.*



# CLASS OF 1975



**JIM ABELL — FRD — Silviculture — I-M Sports, Forestry Aid, Caribou National Forest, '73, Forestry Technician, Helena National Forest, '74.**



**ROBERT A. ANDERSON — "Bob" — FRD — Xi Sigma Pi, Gamma Sigma Delta, I-M Sports, Forestry Club.**



**BARBARA BACKLUND — "Barb" — FRD — Forestry Aid, Superior National Forest, '74.**



**JEFF BAILEY — FRD — Conclave Team, 73-74, Forestry Club, 74, I-M Football & Softball, 71-75, Prof. Ski Instructor — Afton Alps, 74-75.**



**SCOTT BARGER — FRD — Student - Faculty Board, '73-74, Student - Faculty Curriculum Committee, '70-71, Forestry Club, '70-74, Gopher Peavey Photo Staff, '70-73, Gopher Peavey Editor, '74, Xi Sigma Pi Speakers Bureau, '74, Student Forester, DNR, Carlos Avery, '74.**



**WILLIAM BEFORT — FRD — John H. Allison Scholarship, '74, Xi Sigma Pi, F-Day Committee, '73, Gopher Peavey Staff, '73-74, Conclave Team, '72-73.**



**JEROME BIRD — FRD — Pres. Cloquet Session '75.**



**JAMES W. BILLMAN — "Jim" — FRD — Forestry Aid, Consolidated Papers, Inc., Rhinelander, Wisconsin, '74.**



**JOHN BRUDEVOLD — FRD — I-M Baseball, Hockey Soccer, '72-'73, Forestry Tech-Fire Supervisor, Cleveland National Forest, '75.**



**CHARLES A. BRUN — "Chuck" — FRD — Rovers Outing Club, '71-75, Watershed Project, USFS, Kootenai National Forest, '74.**



**JIM BUCKLEY — FRD — Range & Wildlife — Crew Foreman, Redwood Falls Nursing Company, '70-74.**



**LEWIS G. CASTLE — FRD — Xi Sigma Pi, '75, Gamma Sigma Delta, '75, I-M Sports, '71-75.**



**ROBERT CHRISTOPHERSON — FRD**



**STEVEN J. COOK — FRD — Summer Student, DNR, Duluth, '73, Summer Student, DNR, Park Rapids, '74.**



**GORDON COX — FRD — I-M Football, '73-74, Forest Tech., University of Idaho, '74.**



**WAYNE DAMEROW — FRD — Urban Forestry — I-M Sports, '73-74, Forestry Aid, DNR, Hill City, '73, Forestry Aid, DNR, 7-County Metro Region, '74.**



**JEROME DEDEN — "Joe Bear" — FRD — Senator to St. Paul Board of Colleges and Minnesota Student Association, '72-73, University of Minnesota Crew, '72-73, '75, Summer DNR, Big Fork, '72, Foreman Hemlock Plustrees, Reese Brothers, Kelsa, Washington, '73, Student Forester, Berlin, '74, Hot Shot Crew Boss-Tanker Driver, Reese Brothers, '74.**



**ALLAN R. DREHER — FRD**



**MARK DIETZ — FRD — Wildlife — SAF, Howl, Wilderness Society, Defenders of Wildlife.**



**LAWRENCE DUFFY — FRD —**



**JUDITH ANN ERICKSON — "Judy" — FRD — University of Minnesota Concert Bands, '70-73, University of Minnesota Marching Band, '72-73, Xi Sigma Pi, '75, YCC Supervisor and Roadsign Crew, Ocala National Forest, Florida, '74.**



**CHARLES EVENSON — FRD — I-M Sports, '72-75, Forestry Aid, Boise National Forest, '74.**



**JAMES EVENSON — Forest Products —**



**JAMES D. FELTY "Jim" —FRD — Ranger Xi Sigma Pi, '74-75, Gamma Sigma Delta, '75.**



**BOB FOCHT — FRD — I-M Sports, '71-75, Timber Aid, Black Hills National Forest, '74.**



**PETER GANZEL — "Pete" — FRD — Assistant-Paleo Dig, Science Museum of Minnesota, '72, '73, '74.**



**LARRY GILLHAM — FRD — Forestry Club, Forestry Aid, U.S.F.S., Isabella, '71-74.**



**MICHAEL GILLAN — FRD**



**DENNIS HANSON — FRD — I-M Sports.**



**JAMES E. HAERTEL — "Jim" — FRD — Hydrology**



**ROBERT HEDBURG — FRD — Forestry Club, Logger, Little Falls, Minnesota, '73, Forestry Tech, North West Paper Company, Potlatch '74.**



**JOHN HOUGE — Forest Products — Forest Products Club, '74-75.**



**GARY L. HUSHAGEN — FRD —Forestry Aid, U.S.F.S., Ozark, Arkansas, '74.**



**ROGER K. JENSEN — FRD**



MARK H. JOHNSTON — FRD



ERIC JOKELA — "Tauno" — FRD — Forestry Club, '71-73, Physical Science Aid, U.S.F.S., Ely, '74, Hydrologic Aid, U.S.F.S., Ely.



STANLEY KLEKOTKA — "Klit" — FRD — I-M Sports, '74.



GENE C. KRUCKENBERG — FRD — Plant Pathology —



DALE E. KRUEGER — "Krugge5" — "The Mad Bailer" FRD



STEVEN T. LANE — FRD — Laborer, tree maintenance, Maplewood District, '74.



JAMES W. LARSON — "Jim" — RRM — Rovers Outing Club, '73, Conservation Chairman, '74, Forest Laborer, Park Rapids, '73, Park Laborer, Minnesota Valley Trails, Jordan, '74.



ROBERT L. LARSON — "Lars"—FRD— Recreation Laborer, Fort Snelling State Park, '74.



GEORGE LOKKEN — "Little Roundwood" — FRD — I-M Sports, '71-75, Forestry Aid, U.S.F.S., B.W.C.A., '71-75.



ROBERT WALTER MEISCH — FRD



CRAIG MELLIN — FRD



HOWARD MOONEY — FRD



**JAMES MYERS** — "Jim" — FRD — I-M Sports, '73-75, Beta Sigma Psi, '75, Forestry Aid, U.S.F.S., Medicine Bow National Forest, '74.



**LAWRENCE D. NELSON** — "Larry" — FRD — I-M Sports, '70-74.



**ROGER A. NELSON** — FRD — I-M Sports, '73-75, Ecology Director, Soy Scouts of America, Rice Lake, Wisconsin, '74.



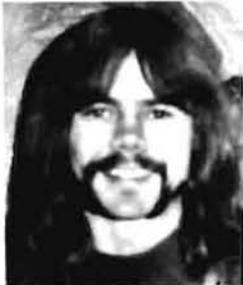
**ALAN OLSON** — FRD



**EDWARD OLSEN JR.** — FRD



**ALLEN OST** — Forest Products



**DONALD PAULSETH** — FRD



**DONALD PETERSON** — "Pete" — FRD — Forestry Aid, Forest Service, Idaho, '74.



**GENE PETERSON** — "Forest Products" — Forestry Club, '73-75, I-M Sports, '73-75, St. Paul Board of Colleges, '74-75, TCSA, '74-75, Student-Faculty Board, '74-75, MSA Services Corp., Board of Directors, '74-75.



**MARK R. PETERSON** — FRD — Xi Sigma Pi, Summer Forester, DNR, Orr, Minnesota, '74.



**STEVEN R. PREDMORE** — FRD — Forestry Aid-water-shed, Fortine, Montana, '74.



**STEVEN L. PRIEVE** — FRD — I-M Sports, SAF member.



**MICHAEL RALSTON** — "Mike" — FRD — I-M Sports, '71-75, I-M Referee, '73-75.



**CHARLES A. RECKER** — "Tony" — FRD — Xi Sigma Pi, '73-75, University of Minnesota Crew, '72-74, Waksurs, '72-73, SAF, '73-75, Practicum, Berlin, Germany, '74, Assistant Foreman, Reese Brothers, Kelso, Washington, '74.



**R. CHARLES ROSSLEY** — "Charlie" — FRD — Sailing Club, '74.



**ROGER RUTT** — FRD — Student Paraprofessional Forester, DNR, Park Rapids, '74.



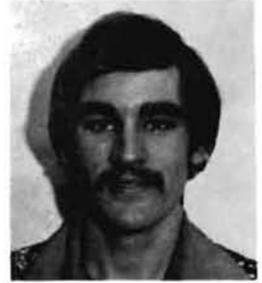
**JOHN SAXHAUG** — "Sax" — FRD — Laborer, Lake States Tree Service, Grand Rapids, '74.



**THOMAS SCHNADT** — FRD — Forestry Club, Forestry Club President, '74, Field Events Chairman, '73, Election Committee Chairman, '72, Forestry Aid, Grand Marais, '74.



**RICHARD SCHWARTZ** — FRD — I-M Sports, '71, '73-75.



**RANDY E. SCHWARTZHOFF** — "Rocko" — Forest Products Marketing — Forestry Club, '71, '74-75, Forest Products Club, '73-75, Xi Sigma Pi Associate Forester, '74-75, Forest Products Marketing Scholarship, '72-73.



**RICHARD SEVERSON** — FRD — "Rich" — I-M Sports, Dorm Athletic Director.



**MICHAEL L. SLINDE** — "Mike" — FRD — Forestry Club, '70-71.



**LEO STANS** — FRD — Grounds Maintenance, Chaska, '70-74.



**JEFF STEWART** — FRD — I-M Volleyball, Football, Softball, Broomball, Forestry Aid, U.S.F.S., New Meadows, Idaho, '74.



**DAVID SVIEN — FRD —** Summer Student, DNR, Finland, Minnesota, '73, Forest Technician, U.S.F.S., Challis, Idaho, '74.



**ROBERT TENNANT — FRD —** Forestry Aid, DNR, Link Lake, '74.



**CHARLES R. THOMPSON — "Charley" — FRD —** Xi Sigma Pi, Chapman Forestry Scholarship, '72, Field Aid, U.S.F.S., Intermountain Forest and Range Experimental Station, Moscow, Idaho, '74.



**GERALD THORESON — "Jerry" — FRD —** Northern States Power Company, St. Paul, '72-74.



**TOM TOMCZYK — FRD —** I-M Sports, '74.



**STEVEN VONGROVEN — FRD**



**JEFFREY WASNICK — FRD —** Gopher Hockey Team, '71-72, I-M Hockey, '72-75, I-M Football, '71.



**KELVIN J. WEBER — "Kelly" — Forest Product Engineering —** Forest Products Club, '74-75, Vice President, '74-75, I-M Sports, '74-75, Building Supplies Salesman, Minneapolis, '74-75.



**TERRANCE J. WEBER — FRD**



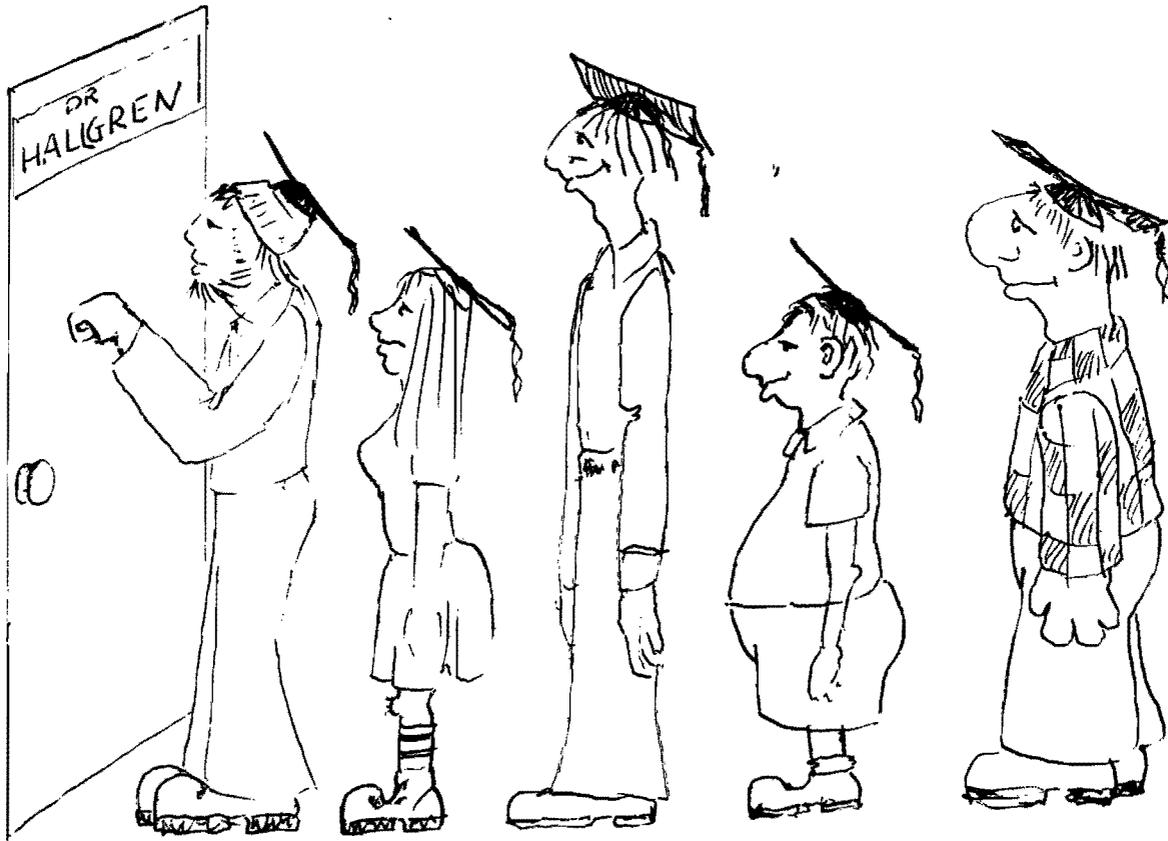
**RALPH A. WELLS — FRD —** Gamma Sigma Delta, '75.



**TOM WOLCYN —**Varsity Baseball, '72-75, Christmas Trees, Cambridge, '70-75, Post and Pole Cutting, Cambridge, '74.



**BOB ZIMMERMAN — "Big Z" — FRD —** Forestry Club, '73-75.



## SENIORS NOT PICTURED

John Aldonas – Forest Products  
 James Anderson – RRM –  
 Douglass Anderson – FRD –  
 Thomas Carlson – FRD –  
 Bruce Berger – FRD –  
 Robert Boyer – FRD –  
 Paul Brandt – FRD –  
 Craig Brown – FRD –  
 Virginia Busch – FRD –  
 Laurie Benson – RRM –  
 Steven Blenker – RRM –  
 Roy Josephson – FRD –  
 Scott Crossman – FRD –  
 John Plantin – FRD –  
 Ruth Duba – FRD –  
 Wayne Eckberg – FRD –  
 Robert C. Rossley – FRD –  
 Gregory Fall – FRD –  
 Henry Goehle – FRD –  
 Donald Peterson – FRD –  
 Steven Kunde – FRD –  
 Jim Lewis – FRD –  
 Lee Lindholm – FRD –  
 Howard Matlack – FRD –  
 Peter Engh – FRD –

Thomas Mattison – FRD –  
 John Merkouris – FRD –  
 Raymond Moritz – FRD –  
 Frank Morley – FRD –  
 Roger Nelson – FRD –  
 Mark Peterson – FRD –  
 Michael Peterson – FRD –  
 Dave Rasmussen – FRD –  
 Mark Rovelstad – FRD –  
 Stephen Sandstede – FRD –  
 Richard Strauss – FRD –  
 Charles Strike – FRD –  
 Ronald Svatos – FRD –  
 Roger Terwey – FRD –  
 Scott Thomas – FRD –  
 Ronald Thorberg – FRD –  
 Terrance Vikla – FRD –  
 Peggy Wanshura – FRD –  
 Mark Waterman – FRD –  
 Wan Sabri Wan Mansor – FRD –  
 Charles Thompson – FRD –  
 Lyle Davidson – Forest Products –  
 James Fischer – Forest Products –  
 Jonathan Stiegler – Forest Science –

Douglas Gilbertson – Forest Products –  
 Stephen Koski – Forest Products –  
 Douglas Latawicz – Forest Products –  
 Robert Morterud – Forest Products –  
 Timothy Saarberg – Forest Products –  
 Jon Kemske – Forest Products –  
 Dennis Compton – RRM –  
 Ronald Erickson – RRM –  
 John Hellquist – RRM –  
 Loren Kroenke – RRM –  
 Keith Larson – RRM –  
 Craig Mitchell – RRM –  
 Jamie Olson – RRM –  
 Kenneth Oehlke – RRM –  
 Lew Ruona – RRM –  
 Margaret Sandgren – RRM –  
 Arne Stefferud – RRM –  
 Timothy Sullivan – RRM –  
 Robert Corneillier – RRM –  
 Jack Cedarleaf – RRM –  
 Paul Fontaine – Forest Science –  
 Susan Marquard – Forest Science –  
 Steven Nelson – Forest Science –  
 Mark Stennes – Forest Science –

# JUNIORS



Left to right; Row 1 – Ross Wolford, Bill Brice, Lindsay Anderson, Alan Buschena, Dave Anderson, Tom Owens, Gary J. Schroeder; Row 2 – Charles Connell, Marvin M. Olson, Paul Garding, Frankie Eikum, Tom Walz, Peggy Kain, Mary Earl, Mary Himanga; Row 3 – Paul Scherman, Les Gonyer, Steve Prieve, Randy Langseth, Mike Williams, Richard Holmboe, Steve Hanson.



Left to right; Row 1 – Kip Bolstad, Tim Howard, David Zander, Nancy Beckwith, Margie Simmer, Tom Stewart, Stephen Rohlf, Arthur Bjorngjeld, Jerry Lamon; Row 2 – Herb Slechta, Fred Baker, Carl Markon, Nancy Morton, Eric Sorenson, Mary Grabowski, Sally Palm, Tom Milton, Cal Pederson; Row 3 – Jim Lewandowski, Chris Kempf, Niel Ambourn, Doug Hoffbauer, Scott Ditmarsen, Wayne Berkas; Row 4 – Gary Glonek, Lowell Rogers, Steven Lerol, John Weinert, Mark Kailanen, Duane Kuss, Scott Anderson, Scott Sorenson, Dave Williams, Mark Hansen.

## JUNIORS NOT IN PICTURE

Neil Anderson,  
Rodney Anttila,  
Thomas Baker,  
Reed Bales,  
Cynthia Bartl,  
Peter Baumann,  
Andrew Bellcourt,  
Alan Bergstrom,  
Craig Beyer,  
Thomas Bigelbach,  
Todd Bredesen,  
Charles Broich,  
Daryl Brown,  
Kirk Brown,  
Steven Bradevold,  
Frank Byrnes,  
Dennis Carlson,  
Harold Carlson,  
Mark Carlstrom,  
Steven Christiansen,  
Kevin Collins,  
Julie Cotton,  
William Deblon,  
Dwight Dexter,  
John Engen,  
Kent Erickson,  
Michael Feda,  
John Filander,  
Terrance Ford,  
Mark Fort,  
Clarence Frauendienst,  
Stephen Fridgen,  
Theodore Fulton,  
Max Griffith,  
Stephen Grimm,  
David Haavik,  
David Halvorson,  
Barry Hansen,  
Rose Hartnett,  
Danny Haugen,  
Steven Holst,  
Stephen Hunnicutt,  
Lee Ihrke,  
Allan Jackson,  
Mark Jacques,  
Bruce Jensen,  
Budd Johnson,  
Greg Johnson,  
Roger Johnson,  
David Kascht,  
Mike Keiffer,  
Craig Kintop,  
Raymond Kirchmeyer,  
Michael Koke,

Fred Kollmann,  
Gary Korhonen,  
Brian Krinhop,  
Craig Krueger,  
Michael Lahti,  
Stephen Lane,  
Keith Laugen,  
Jerrilyn Lavarre,  
Donald Lewandowski,  
Jeffrey Lewis,  
Terrance Lindquist,  
Daniel Linqvist,  
Michael Locke,  
Kevin Macken,  
Barbara Maeder,  
Neil Maldeis,  
David Marshall,  
Richard Matlack,  
James Mattson,  
Charles McDonnell,  
David McDowell

Russell McDowell,  
Robert McKane,  
John Merkouris,  
Eileen Miller,  
Bradley Morrow,  
Donald Motz,  
J. Murphy,  
Steven Murray,  
Michael Nash,  
John Nelson,  
Allen Nicholson,  
Arthur Obinger,  
Daniel Ochocki,  
Michael Oja,  
Jerald Olson,  
Marvin Olson,  
Joseph Osfar,  
Perry Packer,  
Robert Pearce,  
James Pendergrass,  
Ronald Pendzimas,

Mark Perry,  
Thomas Perry,  
James Petersen,  
Jonathan Pickett,  
Richard Pierce,  
Gary Portnoy,  
David Rasmussen,  
Paul Reeker,  
Frederick Rengel,  
Timothy Richardson,  
Mark Salisbury,  
John Samuelson,  
Dennis Savory,  
Gail Schletty,  
Mark Schrom,  
Larry Shannon,  
Dixon Shelstad,  
Steve Stcynske,  
Craig Sterle,  
Elizabeth Stewart,  
Philip Stromberg,

Thomas Suk,  
Lawrence Svien,  
Terry Tappan,  
Roger Terwey,  
Mark Toenies,  
Dale Trender,  
Thomas Tri,  
Richard Vandervoort,  
Robert Victor,  
David Waage,  
Wendell Wallace,  
William Way,  
Gary Westby,  
Bruce Wick,  
David Wilkening,  
Paul Williams,  
Sydney Williamson,  
Richard Wojciak,  
Laures Young,  
Richard Zabel,  
Michael Smyth,

# SOPHOMORES



Left to right; John Stuvland, Tim Kennedy, Rick Hawkins, Chuck McDonnell, Joni Kleinburg, William Stanforth.



*But I don't drink.*

## SOPHOMORES NOT IN PICTURE

Daryl Aiken,  
Ralph Amateis,  
Gail Anderson,  
Kem Anderson,  
Robert Anderson,  
Mark Andrews,  
Martin Asleson,  
David Barnes,  
Rollin Bauman,  
Robin Beeman,  
James Bergseng,  
Raymond Berttula,  
Robin Biesecker,  
Carol Booth,  
Thomas Brower,  
James Bush,  
David Ceminsky,  
Kent Christenson,  
Gerald Cleveland,  
Carol Czaia,  
Margaret Diver,  
Allen Edgren,  
Mark Eide,  
James England,

Ross Evjen,  
Thomas Fasteland,  
William Filiowich,  
Daniel Fitzpatrick,  
Patrick Fjerstad,  
Juel Foss,  
Michael Gallagher,  
Joseph Gates,  
Jack Greenlund,  
Terrance Grunerud,  
Robert Haberman,  
Kathleen Hagman,  
Bruce Hall,  
Mark Hall,  
Byron Hanson,  
Brian Haugen,  
William Helin,  
Steven Helminiak,  
Thomas Hoffman,  
Howard Hoganson,  
Lester House,  
Stephen Jakala,  
Jeanne Jensen,  
David Johnson,

Robert Kase,  
Humphrey Kearns,  
Thomas Keefe,  
Barbara Kellam,  
Stephen Kimball,  
Charlene King,  
Patrick Knaeble,  
Philip Knuth,  
James Koehn,  
Jeff Kress,  
Martha Krueger,  
Steven Kuha,  
Margaret Kurpierz,  
Robert Lamirande,  
Terrance Logan,  
Igor Fejda,  
Stuart Lovejoy,  
William Lundberg,  
Jan Menten,  
Charles Meyer,  
Timothy Meyer,  
James Mose,  
Richard Nau,  
William Nightingale,

Peter Ostlund,  
Peter Otto,  
Michael Patneau,  
Susan Pflager,  
Linda Pierce,  
Patricia Raymond,  
Barbara Reher,  
Bradley Rhodes,  
Emily Rice,  
Kevin Rollings,  
Steven Rosenberg,  
Darrel Rosenow,  
David Ross,  
John Royce,  
Keith Seiler,  
Charles Shiue,  
Jay Siemieniak,  
John Sorensen,  
Scott Sorensen,  
James Sorvick,  
Miley Sutherland,  
John Thurmes,  
Terrance Virden,  
Daniel Walton

Donald Wenzler,  
Ross Wolford,  
Joyce Woods,  
William Zachmann,  
Andrew Zawacki,  
Gary Zielske,  
Karen Zollman,  
Thomas Dedon,  
David Elness,  
Patricia Furlong,  
Ann Hedstrom,  
Timothy Jungers,  
Michael Mullin,  
Connie Schauer,

# FRESHMEN



Left to right; Row 1 – Jeff Palmer, Dan Appel, Jeff Jones, Kevin Kvale, Peter Aube, Mike Lukaska, Brad Nelson, Mitch Mund; Row 2 – Tom Diener, Dan Kvinge, Steven M. Fries, Michael S. Volk, Scott Sheldon, Mark Carlson, Dennis Gonczy, Wes Murnane; Row 3 – Curtis Cogan, Brad Danielson, Gordon Peterson, Kevin Kleiner, Maurine Needham, Gregg Kittleson, Tom Strahl, Dan Oleson, Randy Derauf, Leonard Blume.



Left to right; Row 1 – Jim Rusinak, Mike Price, Chuck Hughes, Ralph Hansen, Steve Snedeker, Matt Bray, Jeff Chaffee; Row 2 – Gary Nesseth, Mary Deick, Beth Davis, Kurt Larson, Mark Voeller, Deb Wallace, John Koscielak, Garrett Gardner, Gary Wemeier; Row 3 – Paul Severson, Mike Doroff, Beth Lutze, Frank Davis, Todd Frethem, Jim Pomroy, Bob Carroll, Richard Opartny, Udo Lindemann, Doug Thomas, Dick Byrne.

## FRESHMEN NOT IN PICTURE

Richard Andersen,  
Steven Anderson,  
David Berg,  
Terrance Cundy,  
Charles Czaia,  
Robert Dwyer,

Susan Foley,  
James Hageman,  
James Henry,  
Carole Jokela,  
Jay Legler,  
Paul Maloney,

Thomas McCabe,  
Steven Mosborg,  
Wendy Radsliff,  
Stephen Schwab,  
Gary Smith,  
James Tansey,

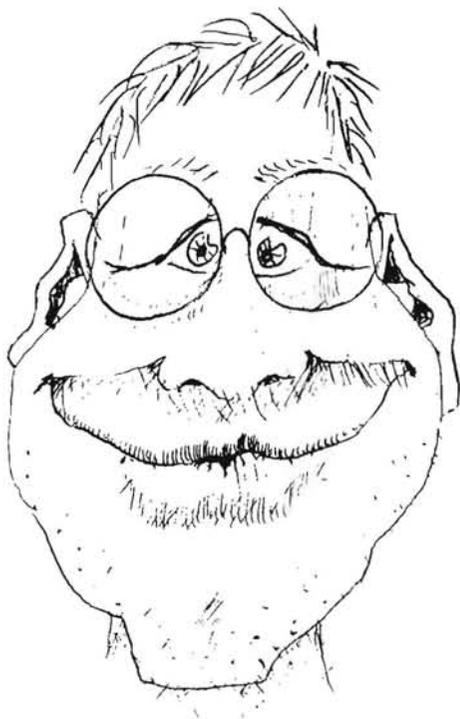
Peter Tuckner,  
Melissa Watson,  
Phillip Williams,  
Larry Yokell,  
Robert Klinger,  
James Henry.

# GRADUATE STUDENTS

7



Left to right; Row 1 – Roy T. Hagen, David P. Snyder, Tom Smith, Ron Christensen, Jim Brass; Row 2 – John Potyondy, Mark Jensen, Tom Houghtaling, Chuck Tauer, Stan Wendland; Row 3 – Vera Matich, Norm Aaseng, George Kirk, Daniel Reick, John Stegmeir; Row 4 – Bert Beaulieu, Colleen Shannon, James Ruhl, T. K. Walling.



*Working hard.*

Name	Area of Specialization	DEGREE OBJECTIVE	Adviser
<b>FOREST RESOURCES DEPARTMENT</b>			
Aaseng, Norman	Ecology	M. S.	Hansen
Anderson, Joel	Silviculture - Ecology	M. F.	Kurmis
Beaulier, Bertram	Silviculture - Ecology	M. F.	Kurmis
Borovsky, John	Ecology	M. S.	Brown
Brass, James	Remote Sensing	M. S.	Meyer
Chen, Chung - Muh	Management - Economics	Ph. D.	Gerrard
Christensen, Ronald	Management	M. S.	Irving
Comerford, Nicholas	Silviculture - Ecology	M. S.	White
Contreras, Arnoldo	Forest Economics	Ph. D.	Gregersen
Dennee, Robert L.	Management - Administration	M. F.	Gregersen
Dovenmuehle, Bonnie	Hydrology	M. F.	Mace
Fairweather, Stephen	Remote Sensing	M. S.	Meyer - French
Hagen, Roy	Remote Sensing	M. S.	Meyer
Hargrave, Bryan	Silviculture	M. S.	Aim
Hoffman, Joseph	Recreation	Ph. D.	Merriam
Holtachlag, David	Hydrology	M. S.	Mace
Houghtaling, Thomas W.	Economics & Recreation	M. S.	Gregersen
Hyun, Jung Oh	Genetics	M. S.	Mohn
Jakes, Pam	Silviculture - Ecology	M. F.	Mace
Jensen, Mark	Remote Sensing	M. S.	Meyer
Johnson, Robert	Silvics	M. S.	Kurmis
Kirk, George	Biology	M. S.	Scholten
Knighton, M. Dean	Hydrology	Ph. D.	Grigal - Mace
Lerch, Eugene	Ecology	M. S.	Brown
Loesch, Michael	Forest Recreation	M. S.	Knopp
Matich, Vera	Management	M. F.	Skok
Massey, Joseph	Forest Economics	M. F.	Gregersen
Miller, Wayne	Remote Sensing	M. S.	Meyer
Mills, Allan	Forest Recreation	Ph. D.	Merriam
Mindajao, Narcisio	Forest Economics	Ph. D.	Gregersen
Minor, John	Genetics	M. S.	Mohn
Moody, Norman	Silviculture - Wildlife	M. F.	Scholten
Moore, Patrick	Genetics - Physiology	M. S.	Mohn
O'Hayre, Arthur	Hydrology	Ph. D.	Mace
Olson, Kurt	Remote Sensing	Ph. D.	Meyer
Patterson, William	Ecology	Ph. D.	Hansen
Potyondy, John P.	Hydrology	M. S.	Mace
Raile, Gerhard	Management	M. F.	Gerrard
Reimenschneider, Don	Genetics	M. S.	Mohn
Reick, Daniel	Ecology	M. S.	Hansen
Rose, Christine	Forest Recreation	M. S.	Merriam
Ruhl, James	Hydrology	M. F.	Mace
Sando, Rodney	Forest Management	Ph. D.	Irving
Schramek, Jim	Hydrology	M. S.	Mace
Shannon, Colleen	Silviculture - Ecology	M. F.	Mace
Sheppard, Theodore	Recreation	M. F.	Merriam
Smith, Charles	Recreation	M. S.	Merriam
Smith, Thomas	Forest Recreation	M. S.	Knopp
Snyder, David	Forest Management	M. S.	Irving
Splett, Phil	Forest Management	M. S.	Irving
Stegmeir, John	Silviculture - Ecology	M. S.	Hansen
Stierna, Walling	Forest Hydrology	M. S.	Mace
Tauer, Charles	Genetics	Ph. D.	Mohn
Wendland, Stanley P.	Hydrology	M. F.	Mace
Williams, Tom	Hydrology	Ph. D.	Mace

**PH. D. CANDIDATES REGISTERED BUT NOT IN RESIDENCE**

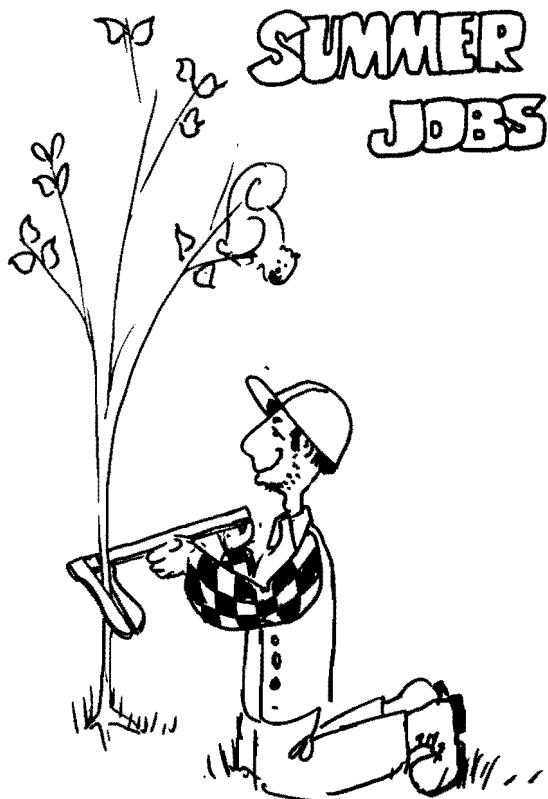
Brakel, William	Economics	Ph. D.	Skok
Fedkenheuer, Al	Silviculture	Ph. D.	Hansen
Guell, Guillermo	Economics	Ph. D.	Gregersen
Latham, Robert	Economics	Ph. D.	Gregersen
Moreno, Manuel	Economics	Ph. D.	Gregersen
Packee, Edward	Silviculture - Ecology	Ph. D.	Hansen
Sumitro, Achmad	Economics	Ph. D.	Skok

**FOREST PRODUCTS DEPARTMENT**

Boehner, William	Forest Products	Ph. D.	Gertjeansen
Carlson, Fred	Forest Products	M. S.	Gertjeansen
Coto, Zahrial	Science and Technology	M. S.	Haygreen
Fitts, Dana	Pulp and Paper	M. S.	Gertjeansen
Graves, Greg	Forest Products	M. S.	Bowyer
Guyser, Vernon	Forest Products	Ph. D.	Hossfeld
Hoffman, Micheel	Pulp and Paper Specialist	M. S.	Hossfeld
Jusoh, Mohd	Forest Products	M. S.	Hossfeld
Ketter, Karl	Forest Products	M. S.	Haygreen
Lindquist, Craig	Forest Products	M. S.	Erickson
Neisse, Bruce	Forest Products	M. S.	Gertjeansen
Niazi, Abdul L. K.	Wood Utilization	M. S.	Gertjeansen
Widarmans, Sadan	Forest Products	Ph. D.	Haygreen

**PH.D CANDIDATES REGISTERED BUT NOT IN RESIDENCE**

Piiperinen, Lauri	Products	Ph. D.	Gertjeansen
Stumbo, Donald	Economics	Ph. D.	Skok
Turkka, Kaleva	Products	Ph. D.	Haygreen



## A SUMMER IN RHINELANDER

by Jim Billman '75

Around the end of February, I saw a summer job notice on the bulletin board outside of room 120. The job was with the timberlands division of a company by the name of Consolidated Papers in Rhinelander, Wisconsin. I had already sent out about 40 of the SF-171 forms for the Forest Service but I wasn't exactly holding my breath on those. So I wrote the forest manager for an application, filled it out and sent it back. During the first week of April, I received a letter from Consolidated offering me a job on one of their timber blocks as an assistant to the block forester. Needless to say, I was pretty excited to be offered the job. The problem was that it meant that I would have to leave my wife here in St. Paul. She had a pretty good job here as a medical technologist and we didn't feel that it would be a good idea for her to quit and then try to find another job when we got back.

I started work the Monday after spring quarter finals. I spent most of my time with the block forester, involved in the general operations of a timber block; checking on the logging operations, running cutoff lines, doing land appraisals, marking trees, marking out forest roads, etc. I had been there about two weeks and was just getting to the point where the block forester would be able to send me off alone on some jobs when I got transferred to inventory work. The company had recently bought 45,000 acres of land from St. Regis Paper Company, 20,000

acres of which were located in and around our holdings on the timber block I was working on.

The block forester was pretty mad because he had a lot of work to be done - the timber block was already 60,000 acres and he didn't have enough help. I was upset because this was my only summer job in forestry and I felt this was going to be the best opportunity for a great variety of experience working with a block forester. Oh well, things don't always go as we plan. For the next nine weeks my crew partner and I worked on this inventory. It wasn't as varied as working with the block forester but I did see a lot of land, about 6,000 acres! The bright spot of the summer was the one prescribed burn we did. As some guys in the College know I'm kind of a fire bug and I enjoyed working on this one. It was hot work for all of us and it got away a couple of times (not very far though) but it sure broke the monotony of the same work all the time. All in all, it was a good summer of practical experience and a good company to work for. I just thank the Lord that I had the opportunity.

## WORK IN NORTHERN WISCONSIN

by Carl Markon '76

The summer of 1974 was the first time I ever had a job which was directly related to forestry. It was with the Mosinee Paper Corporation in their Industrial Forest located in Solon Springs, Wisconsin. I went for a personal interview around the end of April and on the basis of my intelligence, fast talking ability, and the fact that no one else was available, I got the job.

I lived only about a block and a half from work in the great REX HOTEL more commonly known as the Silver Rail Bar. It was just great. At forty dollars a month you got a nice cozy one room bedroom, soft music from all sides to put you to sleep, the use of a lovely community bathroom and as a specialty of the house, every Sunday night there was a stripper in the bar. Of course, for a slight fee you could bowl, drink, shoot some pool or play foosball (which was usually more enjoyable than the stripper, but so much for the luxuries. . .).

Work was great! At 7:00 every morning I'd arrive at work with everyone greeting me with a cheerful "Hello" or "Why are ya standing around with your hands in your pockets," and then commence to listen to the local B. S. while preparing for the day's activities. About 7:30 one of the foresters and I would start out on our duties. A work day consisted of locating and remarking CFI plots or traversing roads or boundary lines. Other jobs included filling out McBee cards, marking logging operation boundaries, or just checking the situation at hand. On weekends I had the option of working for four hours patrolling the company's land looking for campers, hauling garbage and checking for fires or unwanted wood cutters.

After work was a time of leisurely activities. Since I didn't have a stove in my room I usually went down to the local park and made my meals. After supper I could watch a local baseball game, talk to the female lifeguards or go waterskiing with some friends. Of course, if I had nothing else to do I could always go down to the local hang-out, the Dairy Queen.

# TEN GLORIOUS WEEKS IN IDAHO or How I Came To Love *Pseudotsuga Menziesii*

by Mike Williams '76

The spring quarter textbooks had hardly begun to cool off when Chilly Bill Way and I pointed the old station wagon toward the land of tall timber and clean mountain air. Bill, dreaming of a shiny new bulldozer he hoped to drive during the summer, got off at the Routt National Forest in Colorado, and I moved on to the Challis National Forest in central Idaho. The Yankee Fork District Ranger Station, where I was to spend the next ten weeks as a forestry aid, lived up to my expectations — the only town within thirty miles had more dogs than people.

"Forestry Aid" is just a fancy name used by the Forest Service to describe a jack-of-all-trades kind of job. I spent most of my summer marking trees for the district timber sale. Probably ninety-five percent of the timber growing out there is Douglas fir — hence the second half of the title. When I wasn't painting circles around trees, I was busy learning other forestry basics by thinning, marking poles and posts, piling slash, laying out roads, and performing compartment examinations.

Two other foresters made up the rest of the timber crew for the summer. Terry, a forestry student from the University of Idaho, and Von, a forestry graduate from Utah, both gave me a chance to find out what was going on at other forestry schools around the country. We always had a good time, whether we spent that time fixing our Bronco, unclogging our paint sprayers, or piling slash. (Right, guys?)

But all work and no play makes for a dull summer. Weekends usually meant taking to the Sawtooth Mountains for as much backpacking as I could fit into two days. Or sometimes we'd go to Casanova Jack's in Stanley to make up for a bad week. As a matter of fact, we even made up for some good weeks there!

Like all good things, though, the summer ended too soon. Before I knew it, I was on my way back to Minnesota to attend the Itasca session. As I reflect upon my experience now, I cherish all the good times, the friendly people, the great field education, and wonder — where would we all be today without the mighty Douglas fir?

## SUMMER WITH DNR

by Herb Slechta '76

This past summer I secured a job through Dr. Hallgren with the Department of Natural Resources. I was assigned to a small town 18 miles N. E. of Grand Marais called Hovland. It was here on the Arrow Head Trail that I learned how to drive a 5 yard dump truck. It was my first time driving a dump truck so it took a while getting used to the size and especially the 2 axel split shifting transmission.



My job was one of great variety including hanging signs, running timber sale lines, scaling logs, inspecting forest regeneration sites, and of course doing my time in the fire tower.

The most exciting part of the summer started on July 27 when a fire broke out a couple of miles from Hovland. With the help of bulldozers, chainsaws, pumps, and the manpower from local volunteers, we had the fire under control by the next morning. For the remainder of the summer there was a constant patrol of this area to make sure the fire was "dead out."

My job ended on the night of August 20 when I brought in the last of the fire hose that had been layed out for the fire. The next day I was tired and as I headed for home my reflections of my job were those of a good exposure to some of the responsibilities of the DNR and over all, a worthwhile summer experience.



# ITASCA 1974

by Margie Simmer '76

Itasca State Park in Northern Minnesota not only is the beginning of the mighty Mississippi, but the beginning of America's mightiest foresters. This strange fate of nature is due to the location of Dr. Hallgren's Forestry Field Training (and Body Building) camp located on the beautiful shores of Lake Itasca. Every summer forestry students from the U of M have the privilege of attending this famous camp, turning your average student into a super-forester in a mere 3½ weeks. Like the Mississippi, they all go down-stream after they leave Itasca!

What draws meager but eager students to Big Al's rigorous training? Is it a burning desire to learn and experience the real world of forestry? Is it the love of the outdoors? Or is it because it's required? To better understand the motives behind these ambitious men and women let's take a closer look into the world of Dr. Hallgren's Camp.

Located in a perfect setting among Minnesota's most beautiful coniferous and deciduous stands with plentiful trails for hiking and lakes for canoeing, it's enough to satisfy any nature lover. Excellent playground facilities were provided at the camp, but use of these facilities was minimal as students preferred to study botany cards or write reports in the comfort of their cabins.

Yes, these students were certainly dedicated. Not wanting to miss any hours of valuable daylight, everyone was up at dawn, bright-eyed and bushy-tailed, ready to undertake any of the stimulating field exercises planned for the day. The field courses taught were: important forest plants, forest ecology, and field forest measurements.

Important forest plants brought out the conservationist in everyone as they lightly stepped around the delicate vegetation so as not to disturb the pristine environment. Picking and touching of vegetation was carefully done so the plants would remain aesthetically pleasing to the eye. All this is important to the students who enjoy walking miles through the woods in order to identify healthy, live vegetation.

Ecology was a real down to earth course. From 6 feet under to 60 feet upward, students crawled and covered Itasca park in the quest for a deep understanding of the complex biomes - the deciduous and coniferous forests. The high point in the ecology course was conducted by Running Rudolf, who was known for his leisurely strolls through the park which enabled students to grasp the surrounding environment in full detail. In order to evaluate the students' understanding of ecology, they had the opportunity to express themselves in professional reports which they enjoyed writing as much as the instructors enjoyed correcting!

Field forest measurements turned out to be the one, hard-core, technical forestry course. Students were given modern, top-grade cruising equipment (mop handles), and sent out into rough terrain with only their

compasses and common sense to guide them back. It was a great experience especially for those who got to pivot their traverse in the swamp.



Throughout the camp session, the long days were taken in stride by all, with breaks in the day only to consume the much-needed nourishment. Many students found time in the later hours to visit Noel's, a well-known establishment in the area (also an important part of the ecological niche necessary to the survival of certain species up there).

The students that experienced this wonderful month in the woods will always fondle and cherish those precious memories that made Itasca what it was. They will never forget the time Roger "Radicans" Anderson identified poison ivy as a basswood, after carefully feeling the leaf texture; the time Herb Slechta climbed the big white pine by the mess hall to get a bird's-eye view of camp; Cal "The Chief" Pederson's many tales of big game hunting in the great north woods; the many choruses of "Ole Swenson" sung by Chris Kempf, Jim Lewandoski, Tim Murphy and Mark Hansen; the stampe of students that headed up the mess hall stairs whenever the dinner bell rang; and everyone's unending search for the alternate host of the deadly peanut butter rust.



# THE FIRST CLOQUET ITASCA STORY

by Mike Koke '76

As the land was beginning to emerge from its winter coat of salt, slush, and sand, a cry of desperation was heard echoing through Green Hall. "Where the hell am I going to put them all?" yelled Big Al after being informed that there would be 150 students, give or take a dozen, wishing to attend the Itasca session. If the students would have known what was in store for them, there would have been more than enough room for them, because of no-shows. But because these inexperienced, aspiring young foresters were ignorant, they eagerly signed forms saying they desperately wanted to go to Itasca. This can be compared to sending in an application to be a prisoner in the Spanish Inquisition.

It was decided by the Green Hall Bigwigs that the existing situation would provide a good excuse to secure more money from the University. No one was quite sure how this extra money would help the situation, but they figured that the important thing was to "get the money now and figure out what to do with it later." A committee was formed and met secretly, in the cooler in the basement, to come up with lies, half-truths, and exaggerations to tell the administration. They came up with a story about how the painfully inexperienced foresters would be forced to live in the woods with crude lean-tos for shelter and roots, berries, and raccoon as their only course of nourishment. And that, the Itasca park would be devastated by 150 foresters running here and there eating leaves and bark and occasionally putting them away for FBio 3-100, "Important Forest Plants." The carrying capacity of the area was not great enough to handle 150 students.

With tears in their eyes, (whether from the sad story or the sharp pains from giving away the money), the administration gave Big Al a garbage can full of musty greenbacks, and told him to use it to help those poor unfortunates. Malcolm almost took the money back when Big Al asked which unfortunates — the faculty or the students.

After a few hours of deliberation and a large number of beers, the decision was made to open the Cloquet Station for 49 of the students. That way it wouldn't cost much and what money was left over could be used by the faculty to research the effects of beer vapor breathed upon the trees of Hawaii.

At last the time came to leave summer jobs and to start work at the Itasca session. Quickly the parking lot was filled, the baggage was stored, and additions were made to the decor of the cabins. The additions were heavily influenced by the high humidity in the cabins, and the fold-outs soon became roll-ups with only navels showing.

On Monday, the group was divided into four smaller groups and two-man crews were set up. Equipment was distributed to the students along with the warning that

we should not lose or damage equipment unless we had a fondness of working off debts at the rate of three cents per hour.

Classes began with Forest Ecology and Important Forest Plants. There seemed to be two parts to Forest Ecology, with Doc White. The first part was the soilpits which could be examined in a number of ways. One way was to kneel down and look deeply inside. This method is not highly recommended as it may lead to Method number two. Method number two was to look up and out after having been pushed in by a fellow forester. The third method is to stand back about ten feet from the pit and lie about your summer job with your crew partner.

The second part of ecology began when classes were over for the day. This was called "report writing", and a few other things which can't be printed in a publication of this quality. The amount of time and effort spent on the reports was staggering. Rewards for our hard work came quickly. At the end of the first week Doc White said that long reports would no longer be necessary. If we had continued to produce reports at the volume of those written the first week, he would have been reading them until the spring thaw. The award for the longest report goes to the 17 page beauty that required the consumption of 27 cups of coffee and burst two blood vessels in the right eye.

Bruce Browns Important Forest Plants class was a chance for some to supplement their meals. The most often asked question was, "Can you eat it?" For these harvesters of the forest bounty the motto was, "If it looks good, eat it, if you get sick, share it with your friends." Many things were consumed from chokecherries to bog birch leaves, to stinging nettle. The search for new plants to eat and identify led us through all types of terrain; from open areas, for tall meadow rue, to bogs, for the pitcher plant that someone stepped on. The highlight of the course was when Bruce Brown was so intent on finding a plant that he led one group of students deep into the alders around Little Otter Creek and forgot which way was out. Fortunately someone remembered an old Daniel Boone trick and listened for cars on the highway.



In Dr. Alm's measurements class we learned many things: the shortest distance between two points is not always the easiest, a biltmore stick can be used to knock rain water off hazel brush before walking through it, and the hook on a diameter tape can stick into more than just bark. Dr. Alm was heard talking to himself about the traverse courses being too easy. "More than two of them should have missed supper."

When classes ended for the day, activities included shooting pool, drinking beer, and playing volleyball. One kind hearted student was reported to have stopped to give two hitch hiking young ladies a ride after he had spent several hours in the local beer emporium. After driving around for a while, this student (who shall go nameless) felt the call of nature and stopped his car so he could add liquid fertilizer to the forest. Unfortunately his mind was fogged and he left the motor running. When he had finished his duty he returned to the road only to see his car rapidly disappearing down the road. "Nuts! you can't trust anybody these days. How am I going to explain this to my wife?" That just about sums up the first Cloquet Itasca session. How would you explain it to your wife?

## Fall Bonfire

by Barb Kellam '77 and Carol Czaia '77

A beautiful autumn day, a large crowd, and good food made the 1974 Fall Bonfire its annual success.

The afternoon was started as usual with the food. The only spectacular happening was the opening of the beans. It seems there was a little contest as to who could pull the lid off the pan, which proved to be quite a feat. Next time we'll try not to make the beans so strong. With 150 people there, there were no leftovers.

The evening proceeded with F-club president, Tom Schnadt introducing the other officers of Forestry Club. Dean Skok introduced the faculty members that were present. Tradition was broken when Dr. Hallgren attempted some stand in jokes to replace the traditional Indian Story. Our own Ken Kneviel said a few words of welcome.

Mike Koke, conclave captain, was introduced and he recruited a few people for the conclave demonstration. There were many ways to wear off the meal, the fastest being chewing tobacco. Other events demonstrated were: chopping, two-man buck, and chain throw.

The usual fun and games went on after this with people standing around trying to get to know what goes on in F-club. Then of course, whenever there is ice around it always makes its way down a few necks. People then began to leave, ending another bonfire and starting another year of F-club activities.



*Come and get it!*



*The Faculty gets a free meal.*



*Big Al tells another bad joke.*



**FORESTRY CLUB EXECUTIVE BOARD**  
*Mike Williams, Treas.; Paul Scherman, V. President;*  
*Mary Himanga, Sec.; Tom Schnadt, President; Dr.*  
*Mace, Advisor; Mike Koke, Sargeant-at-Arms.*

## FORESTRY CLUB

### 1974-5

by Dale Krueger '75

This year Forestry Club, in addition to growing in the number of active members, was successful in accomplishing many different programs.

Fall quarter activities were traditionally started with the bonfire held each year for the purpose of introducing the new forestry students to the faculty and reuniting the old students who were eagerly returning from their various summer jobs. This was all done to the tune of a delicious supper of beans and hotdogs and to all around good cheer. A special thanks goes out to Barb Kellam and Carol Czaia for organizing the bonfire and making this event a worthwhile experience for all.

This year, on several weekends, Sally Palm was able to organize several people to brave the beautiful fall weather to cut and haul wood. It was split and piled at the tree-lot and left to season until next year when it will be sold as fireplace cords. Fireplace wood was in such demand that Sally was able to sell a couple of fireplace cords of green wood after the seasoned wood from last year's wood haul was gone.

After a 15 hour bus ride which included singing, sleeping, joke-telling, and body painting, members of the Conclave Team arrived in Ann Arbor, Michigan the "battleground" for the Midwest Forester's Conclave. Conclave team members were in for a real thrill when Conclave team captain, Mike Koke, entered the precision felling event and missed his target by only 179 degrees — almost a perfect miss! Mike did manage to bring the team home with a 4th place win, but he was heard saying that it was a Conclave he'd never forget!

The Christmas Tree Project was a rousing success due to the organization and leadership of our co-chairpersons Paul Scherman, Mary Earl, and Mary Himanga. They organized people to mark, cut, haul, and sell around 3000 Christmas trees. In addition to selling many trees there

was a good market for boughs, wreaths, and Christmas tree stands as people prepared for the Christmas season.

The annual Forester's Day activities took place on Saturday, January 25th. The activities started with the Special Event where, James Torrence, Forest Supervisor, Superior National Forest, delivered an inspiring speech entitled "The Future Is Now", during a semi-formal banquet held Friday night. Terry Helbig received the Field Forester of the Year award for 1975 and Arno Bergstrom received the Uncle of Paul award. Forestry Club Scholarships consisting of \$200 each were awarded to five students for their active participation in F-club over the years. The five recipients of these scholarships were Mary Earl, Mary Himanga, Frankie Eikum, Mike Koke, and Paul Scherman. On Saturday, before the Field Events, we ate heartily at the Old Time Loggers' Breakfast which consisted of pancakes and sausage cooked by members of our own faculty at the College of Forestry. Following the over-stuffing of our bellies, everyone sat back and enjoyed the student skit, a time where students get a chance to show the faculty how they really appear to them. Apparently the faculty could find no faults with the 1974 student body because they showed up without any kind of a skit. Next came the coronation of the F-Day Queen, Margie Simmer. Then the Son of Paul was awarded to Tom Schnadt for doing the most for F-club this year. After a hard day of competition, the Old Time Logging Events had proved to have completely exhausted everybody. Somehow later that night everyone got a second wind as they stomped their feet to the music at the Stump Jumper's Ball. A big thanks is due to all the people who put a lot of time and effort into making F-Day a tremendous success.

Other activities of F-Club have been: a management trip to Lake City, Minnesota, where Terry Helbig gave us a tour of S. E. Minn. Forestry; a snow shoe trip and hotdog roast; a rollerskating party; and a visit to the Upper Mississippi Valley SAF meeting that was held in Duluth. Activities planned for this spring are another forest management trip and a canoe trip.

That just about raps up F-Club for this year. It was a very successful year not only in the many club sponsored activities but also in the participation and school spirit of the student body. From F-Club President Tom Schnadt, the other F-Club officers, and all the club members, our thanks goes to the faculty and especially to Dr. Arnett Mace, Jr. for his wise advice, continuous interest, and active participation as F-Club Advisor.



*Another exciting F-Club meeting, let's go have a beer!*

# Xi Sigma Pi

by Dave Snyder '70

This year, Delta Chapter of Xi Sigma Pi initiated the largest group of faculty and student members ever to join the Society at Minnesota. In addition to five new faculty members, forty-four graduate and undergraduate students accepted the pledge to uphold and practice the objectives of the Society.

We feel the objectives are of critical importance to our profession of forestry and that they apply to all facets of professionalism. The objectives are: to maintain a high standard of scholarship in forest resources management education, to work for the improvement of the forest resources management profession, and to promote a fraternal spirit among those engaged in activities related to the forest resources.

We have had a busy year rebuilding the interest in our local chapter of Xi Sigma Pi. Some tradition was reestablished by having candidates construct wooden fir trees. This practice enabled us to communicate with each other and provided a means for initial personal contact. This, in turn, promoted the fraternal spirit. Our hope was to encourage free and open communication between members and initiates when current members signed the candidates' trees.

We are also establishing standing committees to aid in the governance of the chapter affairs, to coordinate our speakers bureau and to reconstruct the Delta Chapter history. We openly solicit articles, clippings, photographs and awards from all interested members initiated from 1921 to 1970. Personal involvement is a key step in establishing Xi Sigma Pi as a dynamic and vital force within the College.

The banquet this year was held on March 3 at Lido's Restaurant, just northeast of the campus. We had an excellent meal which was preceded by a casual social hour where members, initiates and guests mingled and became better acquainted.



*Xi Sigma Pi Officers: Jim Felty, Ranger; Ron Christenson, Secretary-Fiscal Agent; Dave Snyder, Forester; and Randy Schwartzhoff, Associate Forester.*

The guest speaker was Deputy Vice President and Dean of the Institute of Agriculture, Forestry and Home Economics, William F. Hueg, Jr. He gave a very interesting presentation of the missions of the Institute in education, extension and international programs. He dealt in particular with the problems of coordination, funding and administration. Many of us, particularly those who are students, had only limited understanding of these areas of concern. Dean Hueg did an excellent job of making us more aware of these parts of the Institute's missions and more sensitive to the problems involved.



*Tom Schnadt points out Ken's birthdate, a great historic event of ancient times.*



*You can't study all the time. Once in a while you have to stop to think.*



by Mike Koke '76

The 1974 conclave team, composed of eight veterans and a dozen rookies, left Green Hall at 7:30. At 7:45 someone became alert enough to discover we had forgotten the bus. Finally at 8 A.M. we were all on the bus and on our way to Ann Arbor, Michigan for the 23rd Midwestern Foresters' Conclave. The highlight of the bus trip down came by Chicago when a truck driver named Larry tried to hustle Margie Simmer. Unfortunately there were obstacles that could not be overcome. Larry was in his truck, Margie was on the bus, and both vehicles were moving at

55. A tear of sadness was seen in Margie's eye as Larry turned off to go into the steel mills and we headed for Ann Arbor. Larry was quickly forgotten when Margie decided it was time for a rest stop.

Without further incident we arrived at the University of Michigan Fresh Air Camp at 9:00 P.M. After that restful 600 mile bus ride everyone was ready to sack out, and they promptly did. Everyone was up early and ready for breakfast. It wasn't because they were hungry so much as they were cold. The cabins didn't have heat and the



temperature had dropped below 30 degrees during the night. Everyone wanted to get to the mess hall where it was warm. The only problem was that there wasn't any heat there either. You had to eat quickly or your pancakes would freeze to your plate.

The events started off with dendrology, traverse, and tobacco spit. The local trees stumped our stars and the large deposits of old beer cans threw off our compasses so we took no points until Mike "Lips" Koke splattered the papers with Red Man for a second place in tobacco spit. In the one man buck Herb Slechta took third and Tom Schnadt buzzed his way to a first place. In the match split our contestants never even scared a match; but, then came the bolt throw with Randy Langseth taking first place with a throw of 25.29 feet. During the bolt throw Chuck Connell became confused and thought it was for accuracy instead of distance. This wouldn't have been too bad but he thought Dr. Mace, our faculty advisor, was the target.

After lunch Missouri rolled over everyone in the log roll and we were unable to pick up any points. In the pulp toss the fantastic four (Chris Kempf, Max Griffith, Randy Langseth and Tim Howard) grabbed 4th place. In the chopping event Doug Thomas brought distinction to Minnesota by taking the longest time. He finished chopping through his cant just in time to get on the bus Sunday morning. Mark "Bastard Link" Hansen managed to do it right this year and fleet footedly finished the chain throw in third place. This year the special event was a relay consisting of a canoe race, accuracy felling, and fire building. Carl Markon and Chris Kempf did an admirable job in the canoe race, giving us a chance to score high in the points if the rest of our team did well. Carl tagged team captain Mike Koke to start the accuracy felling. Mike looked at his tree with a practiced eye, set his target stake, and went to work with his axe. Unfortunately, just as the tree started to fall, a sudden change in the weather brought a 100 mile an hour wind that caused the tree to fall 160 degrees from where it was supposed to. After waiting out his three minute penalty, our fearless captain ran the 100 yards to where Fred Baker and Mark Hansen were waiting to show off their fire building skills in the water boil part of the event. In a few minutes they had a blaze going to rival the Little Sioux Fire. Due to their great effort they overcame Koke's three minute handicap and took fifth place.

After supper Minnesota claimed its share of the prizes and discovered it had placed fourth overall. Missouri took first place for the second year in a row. When the prizes had been squirreled away, the sound of kegs being tapped could be heard and everyone raced for the bonfire. Once again Minnesota outsang and outlasted them all. When the last keg was drained and the last belch was emitted it was a Minnesotan who was standing in the fire doing these deeds.

As team captain I want to thank all those people who participated in the events and those who came along to support the team. My special thanks goes to Dr. Mace who had to judge so many events he was usually in two places at once.



*Team Captain Mike Koke shows how not to throw a chain.*



*Boy is it cold!*



*Being first isn't everything, is it?*



*But I think we can still win.*



*"Wow, does that log rolling take a lot out of you!"*



*"Wait 'till you try chopping!"*



*PAUL BUNYAN?*



# Fall Management Trip

by Doug Thomas '77

Once again this fall Forestry Club had another management trip. This year we followed up on last springs management trip, and planned our visit to Whitewater Area, Lake City. On the eventful day of November 2, we departed at 8:00 a.m. from Green Hall and later arrived in Lake City all present and accounted for, even Paul Scherman who on the previous trip had gotten lost.

Terry Helbig and Carson Berglund, along with fifteen of us, piled into two vehicles, (a car and a truck). Off we went covering the back roads of Wabasha County. First we visited a three year old walnut plantation of private ownership which Terry pointed out had been flooded twice but a little patience and a lot of work can really make a difference. Then we saw another private planting which had pretty much been left alone and the difference was obvious, the first planting won hands down. After a short drive and about five years of local history for the people in Terry's car, we arrived at a site called the Macro track which the DNR was in the process of trying to purchase. Here Terry explained walnut appraising and harvesting techniques. Pressing forward we visited a campground where Terry explained about regional disease problems and how they foiled vandals by putting in a new cash box, while Mark Hansen discovered a 12 inch deer track which amazed everybody, even Terry. Just about noon we then stopped for lunch at one of the colorful local taverns where we couldn't help but overhear the sorrows of the deer hunters' bad luck. Afterwards we visited the Zumbro ditch as locals call it. Terry explained that due to pressure from a few influential people the Army Corp of Engineers straightened the Zumbro



*Terry Helbig shows students around a sawmill.*

River where it enters the Mississippi, so goes the name Zumbro Ditch. Then we proceeded to a multiple crop operation of row plantings of walnut and hay. Pressing on we then saw the effects of rehabilitation with the help of aerial photographs of the Whitewater Valley. After we had seen, all this and heard 100 years of local history in eight hours we left Lake City and returned to Campus.

A sincere appreciation and thanks to all those who went; for making this trip an enjoyable experience for all of us.

# Students Attend SAF Convention

by Peggy Kain '76

On the morning of January 30th fifteen students headed for Duluth to attend the Upper Mississippi Valley section meeting of the S.A.F. Thirteen of the students experienced an uneventfully pleasant trip and arrived at Cloquet safely. The other two ran into a slight delay, otherwise known as a snowbank. This was to be expected because both fell asleep, one in the back seat and the other at the wheel. Luckily there was no serious damage and both managed to attend the meeting.

The two day program began with a social hour and dinner followed by introductions of Upper Mississippi Valley officers; a short summary of section activities and a review of activities at the Washington office.

The following day's activities began with a business meeting, which the ten undergraduates missed due to an overwhelming desire by all to do some snowshoeing at the Cloquet Center. Following the business meeting the first of two panel discussions began. The subject for discussion was tax forfeited lands in northeast Minnesota from the citizens' point of view. The panel included Alvin Hall, Board of Commissioners St. Louis County; Tom McCabe, timber operator; Tom Bacig, Izaak Walton League, with Dr. Paul Ellefson, University of Minnesota, as moderator. Some concerns identified by this panel included lack of a current accurate inventory of county forest lands, no county system for running lines, and no qualified person at the county level to contact when questions or problems arise concerning these lands.

The second panel began its discussions after a brief lunch break. The topic again was tax forfeited lands in northeast Minnesota, but from the foresters' viewpoint. The panel included, Wayne Hanson, Minnesota, DNR; Joe Hudspith, Diamond International; Dave Lothner, NCFES Duluth, with William Marshall, Land Commissioner of Itasca County, as moderator.

The meeting concluded with a banquet and a talk by Richard Norholm, Vice President, Potlatch Corporation, Northwest Paper Division. After the talk the students headed for Bridgeman's with their trusty advisor, Dr. Mace, in tow, to devour some ice cream.

# THE 1974 CHRISTMAS TREE PROJECT

## REPORT

### or What to do with 400 Extra Red Pine

by Co-chairpersons Mary Earl, '76 Paul Scherman, and Mary Himanga, '76

Over the river and through the woods to our tree farm we go, past the "delapidated barn and the fuzzy dog" according to the directions Mary Earl had scribbled on the back of her notebook. Finally, we reached our spruce field. It was May, and with assistance from ever-present, ever-needed Arno Bergstrom, the three of us were off to tag our 600 white spruce before summer vacation. It was the beginning, and we were excited as we passed the fuzzy dog that ran out on the road to bark at us as we turned the corner to our gnat-filled spruce field.

Following the example set by the previous Christmas tree co-chairmen, Tom John and John R. Davis, we decided to start early in the year. By April we had located and made agreements for all of our trees. Between early May and late December, we managed to buy, tag, spray, cut, bale, load, haul, sell, and give away 3300 trees, and have a load of fun doing it.

In June, our first attempt to tag our 2400 pines was rained out, but within a week, we had a crew out in the fields marking the trees destined for St. Paul. Spraying was done by Arno Bergstrom and Paul Scherman who ended up greener than most of the trees. The rest of the spruce were tagged by a 3-lady crew in August, and until November, we thought we were set.

On the second Saturday in November, 26 foresters headed up to Cambridge to cut and bale some of the trees and remain over night to continue the job on Sunday. As luck would have it, it rained most of the weekend. That, however, was the minor problem. During the two months since we had sprayed, our 1200 Scotch pine had "faded" considerably due to an early frost and the dry fall months.



Co-chairpersons: Mary Earl, Paul Scherman and Mary Himanga.

Cutting the Scotch had to be delayed a week until Papa Paul could put anti-freeze in the frozen greenzit and give our banana Scotch pine another once-over with the mighty mist blower. Despite the dismal weather and the yellow Scotch, the group had a terrific time and were in good spirits as the rain lifted in the evening. The hearty foresters that we were, we did not succumb to the miserable wetness, and attempted to dry our socks, gloves, and jeans around the campfire while we exchanged jokes and insults, and listened to Art Bjornjeld play in the girls' tent (guitar and banjo, of course).

We continued to cut and bale every weekend in November and began to haul trees the Thanksgiving weekend. Those weekend outings were something else. We had a lot of help from a lot of people, and while the majority of the crew changed from weekend to weekend, we maintained a small blood-line crew throughout. It was from this blood-line that most of the chaos arose.

One weekend, for example, while Paul was "touching up" Scotch pine and Mary Earl was out with a crew of bough-cutters in Anoka, a din of laughter was heard across the plantation at the "blood-liners" baler. Being the conscientious co-chairperson that she was, Miss Himanga left her baling crew, and weaved her way through the red pine to the source of the commotion to investigate and to maintain order. Protruding from the trees to the fire lane, what did she see but a green Paul Scherman, squirming in the grass with circles of baling twine around his body, pinning his arms to his sides. She, of course, had to laugh for it was the first time she had ever seen Paul with his hair messed up. In firm control, she asked him if that was any way for a chairman to act and then proceeded to "congratulate" the baling crew for their actions. She was immediately elevated to a horizontal position, and pulled, with a great deal of resistance, through the baler and then thrown onto the stack of trees. The mad baler had struck again, and all his victims, soon to include Barb Kellam, Mike Koke, and Mary Earl, vowed to strike back. Dale Krueger was doomed.



After the pine were cut, baled, and stacked, we hit the spruce with chain saws in hand. We followed Mary Earl's directions to the white spruce again, and once again, we passed the fuzzy dog that ran out on the road to bark at us. Finding the white spruce was loads of fun, because they weren't planted in rows. We managed to find all but five of the 600. We had some problems with the balers that day too. The cable on one of them broke, putting one of the crews out of commission until we could get a new one. Since Mary Earl knew all of the back roads to Zimmerman and new baler cables, she and Frankie Eikum took off in Mike William's station wagon. They returned two hours later with Earl waving the horn from Mike's car out the window. She says that it "fell off" into her lap, but we all figure that she ripped it off to throw at the fuzzy dog.



Work in the blue spruce plantation could have been depressing, but the weather was fantastic and we combed the field in record time and baled the little porcupines in one afternoon. All we had to do was load them and haul them all down to the lot. The excitement had just begun.

With the help of Joe Earl, Mike Koke, Tom Schnadt, and Scotty Scholten, our expert truck drivers, we had almost half of our trees down to St. Paul before the lot opened on December 2. We had a few minor problems – a flat tire on one of the trucks, a couple of gates, fences, and trees got run over, a few trees were lost on the freeway, and one of our drivers got a ticket because his truck was mislabeled for weight and was too heavy for his license. (Gee, it's tough being the greatest driver in the world, huh, Mikey?) Anyway, we got them all down to St. Paul which required an auxiliary lot behind the regular lot.

Selling trees was not our only project. We also sold firewood, tree stands, wreaths, and boughs. Obtaining the boughs required several bough cuts – one at Dr. Hansen's tree farm, one at Dr. French's, and one at the Rosemount experiment station that required two truck loads. With the help of Dr. Mace and his family, a crew of six cut and delimited a few trees in a "dense" balsam fir stand at Rosemount. Being the professional crew that we were, we entered the stand, took a random sample of one plot, estimated the stand density, and proceeded to thin using the D+4 thinning method. It was an educational experience for everyone. How interesting, also, that the trees that

needed thinning had the densest crowns. We even got a couple of Christmas trees out of the deal.

Before leaving Rosemount, we stopped for lunch. Afterwards, Paul and Koke wanted to play jumprope in the ditch. Mike sure can whip a mean hot peppers, huh, Earl? On the way back, Koke missed his turn and took the airport exit. We nearly had all the boughs sucked out of our trucks when a low-flying 747 swooped down on us. We circled through the airport with two pickups overflowing with boughs, waving at all the people and policemen in sight, and managed to make it back to the lot without getting any tickets.

Once everything was down to the lot, trees, stands, wreaths, firewood, and boughs were moving like hotcakes to match our experienced personnel. We suspect that our initial attraction was produced by the fantastic signs Frankie Eikum and Joe Linn made for us, for business was booming, "until" the last week before Christmas, and we were left with 400 good-looking red pine. Unfortunately, we had overestimated our market power for 1974 and the popularity of red pine. With four days to go until Christmas, we decided unanimously to "give" them away (donations accepted). We hauled 150 trees away to community centers and a housing project. Within two days, all trees were gone.



*What, back to work already!*

We received a lot of satisfaction out of giving those trees away, and we learned a lot from this year's experience. We found a maximum carrying capacity for the lot. We saw a trend towards spruce-fir in Christmas tree popularity. Thanks to Scotty, we learned to tie down treeloads without tying knots. And, we learned that walking our plantations to check for color would be a smart move before cutting. We got a lot more out of this year's experience than an education, though. We had the experience of working with people and friends, and the fun of putting Dale Krueger through the baler at the lot.

Moneywise, we grossed as much as the previous year, \$15,000 but we did not experience as great a financial profit. (We netted \$5,000 compared to \$6,000 last year). However, the reduction in profit was well worth the joy we felt in giving those trees away to people who could not have afforded one. For a few days the Christmas spirit really settled on the Christmas tree lot at the corner of Cleveland and Larpenteur, and three beaming co-chairpersons went home to their families on Christmas Eve with joy in their hearts and visions of the empty tree lot in their heads. When we think of the great times we had with our friends, and the happy people who thanked us for the Christmas tree they would not have had, there are no extra trees or losses, only profits.

# Tree Planting

by Sally Palm '76

As many people may know the Forestry Club has purchased many of its Christmas Trees for the last two years from a fellow named Vern Lavander, near Isanti, Minnesota. Vern is a very congenial fellow, giving us first choice to mark trees on his plantation, letting us camp on his lawn when we go cutting, making us picnic tables, and with his wife treating us to good food and a good time. Last spring Vern asked if F-Club would like to help plant 2000 Scotch pine for him. Since Vern had been so great we jumped at the offer to return a favor. So, on a balmy spring day, under the guidance of Scotty Scholten, we set out to plant future Christmas Trees. To anyone who had never seen a planting bar, it was a new experience. Thankfully we were on the sand plains (those who tried to plant trees at Itasca will identify with this). In no time flat, the crew had the seedlings planted (with no small help from Scotty who ran ahead and stole everyone's trees, to plant before anyone could retaliate or retort). It became quite a system, one person making the hole, his partner putting in a tree (GREEN SIDE UP), and the digger closing the hole and heeling it down.

With the tree planting done, it was time to settle down to a serious game of softball. In an open area, the playing field was set up. Adjacent to the outfield was a large garden plot that had recently been plowed. True skill showed when an outfielder finally realized that any ball landing in the field would stop dead in its flight. (Surprise! Surprise!) First base seemed to be a slight problem — it kept moving. Of course, any self-respecting pile of grass in the same position would have done likewise. No such problem with third base. The oak tree was solid. However, it was good for playing dodge-the-third-baseman. One had to be extremely careful in remembering not to slide into it.

When the game ended — at whatever score — we all posed for a tree planting family picture, which at Christmas, Vern proudly displayed to F-Club members to show that he remembered. And we did too.



# A DAY IN THE SNOW

by Art Bjornjeld '76

On Saturday, February 22, about 20 hardy foresters packed up their snowshoes and skis and bravely headed for the wilderness of Elk River. The tone for the day was set when Sally Palm, inspirational organizer, missed the turnoff for the road to Elk River. Finally we all arrived safely at the Elk River Girl Scout Camp. It was a beautiful day and the snow was in perfect condition. Shoes and skis were donned and we headed into the woods. Here I witnessed one of the finest exhibitions of snow shoeing ever. One individual's efforts were rewarded by a verse of song,

"Turkey in the straw; Haw, haw, haw  
Herbie in the snow; What do you know."

Soon the whole group was hopelessly lost (Sally insists we were just sidetracked) so we did the only rational thing. We sat down and ate while Sally forged courageously onward. Rumors of this historic meal tell of Mark Hansen eating two hot dogs with one hand and roasting a third over the fire while drinking beer and singing "Ole Swendson."

After lunch we followed Sally's tracks back to the car. A game of "King of the Hill" then took place. To top off the day, Carol Czaia proceeded to bomb everyone with snowballs while Mark Hansen sun-bathed on top of Sally's car. Finally Mark's exhibition grew tiring so we all went home. We all had a good time and a big thanks to Sally for a fine day.



## IM SPORTS

by Mary Earl '76

### Softball Spring 1974

Gene Petersen, being our appointed captain, lead us through thick and thin. Even though none of us knew much about softball we had a jolly good time trying. Our record of wins was nothing near bragging about, but being Foresters, we beared and grinned it (laughed too!). Many a time, when we didn't have enough girls, Peggy Kain always (almost always) came to the rescue (even if we had to bring her). Everything in fun.

On behalf of the 1974 softball team I invite the 1975 softball team to try and match our good times, both with ourselves and in bringing humor to the other teams.

### Broomball Winter 1975

Under the great leadership of captain Barbara Maeder all of us on the team had a super swatting good time. We lost many and won few, but we were the most spirited bunch on the ice. Barb always worked hard getting enough of us together to play. Every once-in-a-while we had help from other spirited individuals when the forester population in the Cooke Hall vicinity wasn't great enough to make a team. We had tremendous talent with our roving players, sharp defense, determined goalie, and unusually energetic offense.

Everyone that played will remember; what the ice looks like from three inches up, how the ice feels on the buns, and the satisfaction that comes from taking the ball away from some clod on the other team.

# FORESTERS' DAY 1975

by Tom Schnadt '75

Once again Forester's Day was a tremendous success thanks to all the time and effort put in by the chairmen.

Tom Walz started the ball rolling by hand choosing twelve queen candidates. These girls were then interviewed by the chairmen of F-Day. It was a tough decision, but the field was narrowed to a select four. At the Open Coffee Hour, January 21, these girls were introduced to the St. Paul student body. The questioning procedure was somewhat changed with general questions being asked by Tom. Ah, but then came the tough part. Each girl was encouraged by Rod Sando to harmonize with Peter Engh.

Wednesday night the Forestry Club met the four queen candidates. At the close of the meeting members voted for the Son of Paul, Uncle of Paul and Queen.

The next order of business was the Special Event, held January 23, in the Northstar Ballroom. Entertainment was provided by Peter Engh, Ann Reed, and Herb Slechta and the Ojives. Actually, a great part of the entertainment was provided by Beth Lutze when she introduced the Ojives and much to her surprise they were not backstage. Herb had a completely logical excuse, he was just helping Mrs. Wirt clean-up leftovers. James Torrence, Acting Supervisor for the Superior National Forest gave an interesting talk on the role of natural resources and their management in the future. The evening was completed with the presentation of awards. Terry Helbig, a former Son of Paul, received the Field Forester award. None other than Arno Bergstrom received the Uncle of Paul award. Scholarships awards were given to five deserving juniors. Recipients were Mary Himanga, Mike Koke, Mary Earl, Paul Scherman and Frankie Eikum. Thanks to the chairmen, Beth Lutze and Joni Klienberg the evening was a grand success.



*Queen Hopefuls*



*Margie Simmer 1975 Foresters' Day Queen*

Saturday, January 24, started off with the traditional Logger's Breakfast. Over 200 people attended the meal organized by Robin Beeman and Peggy Kain. Many students were surprised to find that their favorite professors are as adept at preparing dry pancakes as they are dry lectures.

The highlight of the morning was the Student Skit. There literally was no competition. The old sage, Ken Winsness claimed the skit was one of the best he's seen at the College. Unfortunately, the two co-chairmen, Dale Krueger and Chuck Connell were unavailable for comment, something to do with transferring to Nome, Alaska. Needless to say, Paul Scherman's portrayal of Doug Gerrard will be remembered for years.

At noon, the focus of attention shifted to the mall for the coronation ceremony. The winner of the Queen Competition was Margie Simmer, a junior in Forestry. The Son of Paul award was then given to Tom Schnadt. A mighty swing of the ax by Margie signaled the start of the Field Events. The afternoon included some memorable events, such as Carol Czaia's diving television debut and a visit from the shamrock boys. Thanks to Frankie Eikum's work as a chairman, the Field Events pulled off without a hitch.

After a short rest, everyone converged on Apt. 12A, Eustis, for the traditional bean feed. So what if Randy Schwartzhoff and Mark Korb screwed-up and served spaghetti. True to form, Herb Slechta was the last to leave, taking it upon himself to help reduce the quantity of leftovers.

The final item on the agenda, the Stump Jumpers Ball, was a rollicking success. Art Bjorngjeld and Paul Brandt are to be thanked for their time in setting up the dance. At intermission, Margie and Tom were busy bestowing the traditional kiss to winners of the Field Events. Randy Langseth received special recognition for being high point man.

Thanks again to all those that helped make F-Day a success.



*Come on, get to work!*



*Queen candidates: Robbie Schons, Margie Simmer, Beth Lutze, and Kathy Munn.*



*Son of a sea biscuit!*



*I bet three shamrocks he got scared up a tree!*

## 1975 FORESTERS' DAY FIELD EVENT WINNERS

### Chain Throw

Chris Kempf  
Mark Hansen  
Kip Bolstad

### Traverse

Art Bjornjeld  
Chris Kempf  
Tom Walz

### Women Buck

Beth Lutze & Robbie Schons  
Barb Kellam & Mary Grabowski  
Peggy Kain & Sally Palm

### Two-Man Buck

Tom Schnadt & Paul Scherman  
Chuck Connell & Mike Koke  
Eldon Farb & Dr. Knopp

### Snowshoe Race

Michell Mertes  
Sally Palm

### Top Point Man

Randy Langseth

### Co-ed Bucking

Mike Williams & Barb Kuehn  
Bob Zimmerman & Peggy Kain  
Dr. Mace & Mary Himanga

### One-Man Buck

Tom Schnadt  
Herb Slechta  
Jim Lewandoski

### Log Rolling

Randy Langseth & Don Nast  
Chuck Connell & Mike Koke  
Chris Kempf & Bill Way

### Nail Pound

Mary Grabowski  
Sally Palm  
Michell Mertes

### Tobacco Spit

Eldon Farb  
Tom Stewart  
Tim Howard

### Chopping

Herb Slechta  
Chris Kempf  
Al Buschena

### Pole Climb

Mike Koke  
Dave Hansen  
Mark Walters

### Pulp Toss

Randy Langseth  
Chuck Connell  
Mike Koke

### Match Split

Randy Langseth  
Barb Maeder  
Bob Tangen



*You see  
Big Al,  
the red  
end of  
the needle  
will always  
point  
north.*

*This wouldn't  
be so bad if  
big Chuck  
wasn't sitting  
on top.*

### OUR SINCERE THANKS TO THE FOLLOWING PRIZE CONTRIBUTORS:

Sammy D's  
Logos Bookstore  
Simm's Hardware  
York Steak House  
Nortreck  
Gray Drug  
Al Johnson Men's Wear  
Normark  
Lancer  
Tontos Restaurant  
Twin City Federal  
Red Wing Shoe Company  
Lohman Manufacturing Company  
Johnson Reels Company  
Mannings Cafe  
Ronson Corporation  
Mann Theatre  
Lob Pine Corp  
Private Label Chemical  
Valli Pizza  
Eddie Bauer Inc.  
Shakeys Pizza Parlor  
Spokes & Sports  
Discount Records  
Art Materials Inc.  
Burger Brothers



*This instrument is used to measure diameter at BREAST height.*



*Queen Margie attempts to split a match.*



*Tom Stewart throws his toothpick.*



*Randy works toward high point man.*



*And I threw the pulp stick for this.*



*Boy, is this guy a bore!*



*Going up?*



*Wait 'till you sink your teeth into this masterpiece!*



*The last inch is always the hardest.*



*Is this how Napoleon got his start?*



*Does it count if I just hit the stump?*



*Bet I can get mine higher.*



*Turkey in the Straw*



*Strong, skilled foresters showed off their talents.*

# FIREWOOD

by Sally Palm '76

The firewood project is relatively new and somewhat disorganized as of yet. However, with the help of the trusty F-club people the project is starting to roll.

Peggy Kain and I volunteered (?) as co-chairpeople in the spring of '74 as Paul Scherman moved on to bigger and greener Christmas trees. We inherited 12 cords of mixed hardwoods (still standing at the time) at Carlos Avery WMA. F-Club had been gnawing away at the stand over the winter and part of the spring but most of the trees were still upright. So, in a great organizational effort we hired a truck, arranged for a chainsaw, and conned Tommy John into driving the truck. As the great day dawned we discovered that the chainsaw had mysteriously disappeared, it was raining, and all the wood we had cut previously at Carlos Avery wasn't half as much as we thought. So much for adventures!

Our cutting permit expired at the end of spring quarter and was renewed for another 5 months. In the fall with everyone back from far away forestry jobs, in such places as Colorado and faraway Northern Minnesota, we struck again. This time with great efficiency. With a stalwart crew of 13 we drove onward to Carlos Avery with all the chainsaw power we could muster, (on that fateful day Jeff Bailey was converted into a chainsaw savage). We sawed wood and hauled it out to the road by hand. One by one the yellow oaks fell (p.s. ask Mike Koke about the adventure of the monster oak).

With the trees all felled, bucked and ready to transport we returned to Green Hall for a few weeks of recuperation, then hired a truck and went back. This truck was the last one available in N. E. Minneapolis, Falcon Heights, Lauderdale, and S. E. No wonder even with the skillful driving of Mary Grabowski it almost decided to stay in Carlos Avery. Between its body shaking spasms and rapid accelerations the crew almost decided to stay in Carlos Avery rather than ride in it. Nevertheless, the last of the wood was hauled to the cities less than a week before the expiration date on Halloween.

During the time of the Christmas tree sales many have tried their luck with the splitting ax, wedge and maul. Most of the wood was split nicely and was put in fragrant stacks in the corner of the woodlot, however there are some trunk pieces (from the infamous monster oak) that play guessing games with the would be splitters. The biggest game is "where will the split end". The oak was a master of mazes and its crossgrain curlicues and whorls have become a good challenge. The day after the statistics exam it was amazing to see the number of people who took those chunks on. I wonder why?

Sales have been picking up. What is in store in the future for the firewood project is still covered by a haze in the crystal ball. But due to the help of the dedicated woodcutting crew, the past year has gone very well.



# LOOKING BACK

## Who was your favorite faculty member? Why?

Doug Gerrard – *Classic poses and teaching style.*

Meyer and Aerial Photos – *his tests were so fair and straightforward.*

Rod Sando – *no one could talk so much and say so little.*

Vilis Kurmis – *cute sideburns.*

Chuck Tauer – *dumb like me.*

Mohn – *ZZZZZZ*

Jim Bowyer and Raw Deal – *most stimulating*

Ed White – *I could relate to him.*

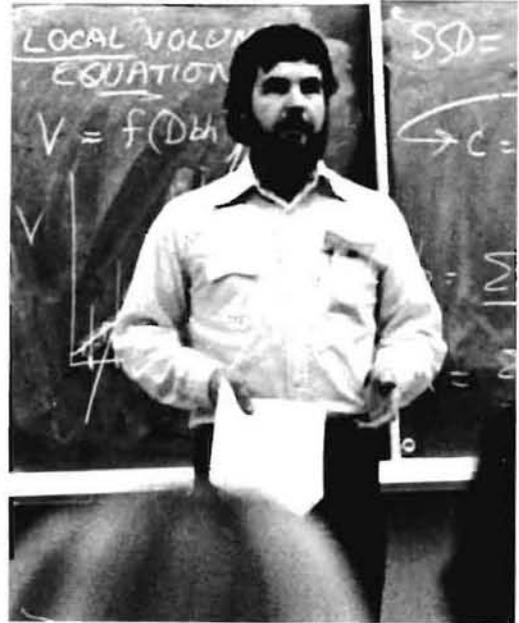
Gerrard and French – *they are the only sane people in the college.*

Gerrard – *there was no bias in his teaching methods.*

Rod Sando – *closest thing to Smokey the Bear.*

Arno – *??????*

Scotty – *he cared about students and went out of his way to help. He wasn't just concerned with G---D--- Research Programs.*



*Gerrard - his sudden youthful approach to Mensuration.*

## What was your biggest gripe while in the College of Forestry?



*Wheelchairs*

*The get lost, don't bother me, I'm busy attitude of many of the faculty.*

*The same flavor of Kool-Aid every day at Itasca.*

*Green Hall.*

*Ken Winsness always squealing his tires going down the hall.*

*Assigned seats in aerial photos.*

*Not getting out.*

*Cloquet. (Mickey Mouse)*

*No birds, you know, frauleins!*

*Intro to Forestry.*

*The stupid Peavey questions!*

## What do you remember most about your time here?

*I'll let you know when I wake up.  
How long it was.  
Itasca and Roger "Radicans"  
Wouldn't you like to know.  
Paul Rudolf's woods running.  
Room 120*



*Crude Foresters!*



*Room 15*

*Having to get trifocals after taking aerial photos.  
Filling out 800 SF171 forms and not getting a  
summer job.  
Paul Scherman as Dr. Gerrard in the student skit.  
Getting junk mail from Ken's office.*

*I, like most human beings, tend to forget the bad and  
remember only the good times – what do I remember??  
Nothing!!  
The day Herb Slechta told Chuck Connell "Don't give me any  
of your lip."  
Cabin 20 at Itasca, the red light of the north.  
Mike Koke felling the tree the wrong way at Conclave.*



*Those meals at Itasca.*

# LOOKING AHEAD

*Most likely to succeed*  
*Most likely to lose a prescribed burn*  
*Most likely to marry a Weyerhaeuser*  
*Most likely to replace Arno*  
*Most likely to end up selling insurance*  
*First to lose his jack pine forest to Dutch elm disease*  
*First to be head forester of the Beaked Hazel National Forest*  
*First to develop the Hallgren look*  
*First to develop the Gerrard look*  
*First to be classed as a standard deviant*  
*First to go back to Cloquet*

*Tony Recker*  
*Don Peterson*  
*Peggy Kain*  
*Tom Schnadt*  
*Mike Williams*

*Fred Baker*

*Barb Backlund*  
*Ed Olson*  
*Paul Scherman*  
*Henry Goehle*  
*Mike Koke*



*Most likely not to graduate Dale Krueger*

## What advice do you have for incoming freshmen?

*From sawdust we came and to sawdust we shall return.*

*Stemming from the current enrollment I would advise them to **branch** out into their **basal area** of interest before they get **board and leaf**.*

*Don't get corrupted in room 15.*

*General College*

*Get out now.*

*Bring a sleeping bag and pillow.*

*The longer you stay in, the better chance of never getting out.*

*Don't do it in public.*

*Go home to mother.*



*You'll enjoy the extra hour of sleep you'll get in Big Al's Intro class.*



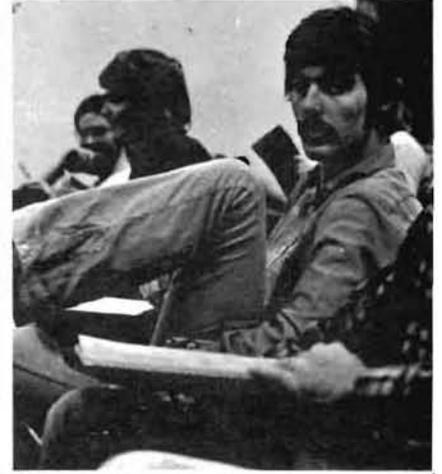
*Take these notes straight home to your mothers.*



*Line Up! Now lady can you recognize the one who did it?*



*Some party, huh?*



*I'm comfortable, but the ice cream bar in my pocket is melting.*



*So this is why they call it Happy Hour.*



*Nanook of the North.*



*Hee Haw!*



*Larry, Moe and Curly*



*I use the toothpaste with Sex Appeal!*

## UNDERGRADUATE STUDENT AWARDS AND SCHOLARSHIPS

<i>Carolind Scholarship</i> .....	Robin D. Beeman '77, Robert L. Carrol '78, Douglas P. Latawicz '75, Larry John Shannon '76.
<i>Chapman Foundation Forestry Scholarship</i> .....	'Garrett Gardner '78, Maurine H. Needham '78, Bradley Nelson '78, Gary M. Nesseth '78, James W. Bush '77, William H. Helin '77, Howard M. Hoganson '77, Lester W. House '77.
<i>College of Forestry Scholarship Program</i> .....	Laurie A. Benson '75.
<i>Edward A. Everett Memorial Scholarship</i> .....	Paul D. Fontaine '75, Margaret L. Kain '76, Stefan J. Pederson '76, Thomas L. Walz '76.
<i>Federated Garden Clubs of Minnesota Scholarship</i> .....	Mark F. Schrom '76, Mary A. Himanga '76.
<i>Robert L. Goudy Scholarship</i> .....	Connie Schauer '77, John Whitmore '76.
<i>Helen A. Young Memorial Scholarship</i> .....	Michael R. Williams '76.
<i>Henry Schmitz Memorial Scholarship</i> .....	Peggy Wanshura '75.
<i>Pulp and Paper Scholarships</i> .....	Michael Feda '76, Terrance Ford '76, Bruce Jensen '76, Alan Korpi '75, Stephan Koski '75, Robert Pearce '76, Gene Peterson '75, Timothy Saarberg '75, Mark Toenies '76, J. Harry Wirz '75, Ronald Zarges '76.
<i>Forestry Club Scholarship</i> .....	Mary Earl '76, Frankie Eikum '76, Mary Himanga '76, Mike Koke '76, Paul Scherman '76.

### OUR STUDENT REPRESENTATIVES

#### *Student Faculty Board*

*Paul Scherman (co-chairman), '76*  
*Robin Beeman, '77*  
*Jeff Chaffee, '78*  
*Carol Czaia, '77*  
*Jerome Deden, '75*  
*Jim Fischer, '75*  
*Roy Hagen, '72*  
*Mark Hansen, '76*  
*Beth Lutze, '78*  
*Gene Peterson, '75*  
*Dave Snyder, '70*  
*Tom Schnadt, '75*  
*Chuck Tauer, '69*

#### *St. Paul Board of Colleges*

*Randy Langseth, '76*  
*Mike Williams, '76*  
*Carol Czaia, '77*  
*Beth Lutze, '78*

#### *TCSA Student Senator*

*Gene Peterson, '75*



*I think it's supposed to have hairy pubescence with terminal stipular glands subtended by glabrous appendages.*



*Slow and lazy, the river meanders quietly through the Minnesota woods,  
Past the emerald hues of the trees upon its banks.  
Upon its mirroring surface glides a canoe, a spirited, curly-haired boy within its aft,  
Sinking his paddle deeply into that eternal river of hope  
And pulling it easily through its pristine waters.*

*Not only with his sinew, but with the rhythm and strength of his conviction,  
His boyish zeal is not lost in his struggle to master the river.  
Rather, it is enveloped by his vigor.*

*His canoe leaves a perpetual, peaceful wake that ripples eventually to the banks  
And into the hearts of his friends and fellow workers.  
The boy, filled with energy, excitement, and anticipation to begin his endeavor,  
In his effort to achieve it, becomes the man—our editor, Mark Hansen.*

— With love and appreciation  
THE GOPHER PEAVEY STAFF

# ALUMNI NEWS

## Minnesota Forestry Alumni Association

### Report from the President

by Steve Weeks '69

#### MFAA EXEC BOARD OFFICERS

Steve Weeks — '69, President  
Paul Arend — '60, Vice President  
Alvin R. Hallgren — '49, Secretary-Treasurer  
Richard Skoke — '50, Ex-Officio  
Paul Fuchs — '68, Ex-Officio

#### MEMBERS

Dennis Bakke — '58  
Don Burcalow — '33  
Don Gregg — '40  
Bill Morrissey — '71  
Willard West — '44  
James Tesky — '60



*Standing: Don Gregg, Paul Arend, Al Hallgren, Willard West.  
Seated: Bill Morrissey, Steve Weeks, Arnett Mace, Paul Fuchs.*

#### Dear Alumni:

Your Alumni Association was again quite active this past year.

The Fall Banquet was held at Paul's Place in St. Paul on November 14, 1974. This meeting was well attended by alumni who were obviously enjoying themselves renewing old friendships and meeting others for the first time.

Dean Richard Skok reported on the recent restructuring of the organization within the College. Our featured speaker was Mr. Gil Zieman of the American Forest Institute. He reported on the activities of this public relations arm of the forest products industry.

On June 3, 1974, the MFAA co-sponsored the Recognition Dinner for retiring Dean and Mrs. Frank H. Kaufert. Howard Olson '48 chaired the committee which made the arrangements; he also served as MC for that event. Howard deserves a special thanks.

Minnesota Forestry graduates met in New York in September 1974 in conjunction with the annual SAF meeting and also on February 19, 1975, in Washington D. C. Graduates from the class of 1949 met in September 1974 at the Grandview Lodge on Gull Lake in northern Minnesota. This reunion was attended by about twenty-five couples.

The Spring Banquet of the Colleges of Agriculture, Forestry and Home Economics Alumni Association held on March 1, 1975, saw C. Robert Binger '40, Frederick Wangaard '33, and John A. Stevenson '12 receive the Outstanding Achievement Award of the University of Minnesota. Dr. C. Peter Magrath, President of the University of Minnesota, made the awards. We are all pleased and proud of the recognition of these three distinguished graduates of the College of Forestry.

From the very first MFAA (pronounced Mafia) meeting I was invited to, the two semi-annual gatherings of our group have remained the most enjoyable occasions I attend. Our dual purpose of fellowship and service to the College is certainly a good opportunity for all of us.

I greatly appreciate the contributions of all the Executive Board members and extend special thanks to outgoing board members Dennis Bakke, Don Burcalow, and Don Gregg.

The superb service to your Board from Secretary-Treasurer Al Hallgren is too often taken for granted, but we certainly appreciate and thank him for all he has contributed.

Sincerely,

Steve Weeks, President.

# SAF Luncheon

New York, New York  
September 23, 1974

The University of Minnesota College of Forestry Alumni had a luncheon reunion in the Taverne Room at the Hilton Hotel during the SAF Convention in New York City.

Twenty-five College of Forestry graduates and five guests attended the luncheon which was arranged by Arnett Mace. Last year it was reported that more than 90 College of Forestry graduates attended the reunion breakfast at the Portland, Oregon SAF Convention — the largest reunion group since the 1961 Minneapolis Convention. Although the 1974 reunion group was only about one-fourth as large as the 1973 group, their New York City meal tabs must have been four times as large — that has to be some kind of record.

After everyone had introduced themselves and identified their class, Dick Skok, the new Dean of the College of Forestry, brought everyone up-to-date on new developments within the College, as follows: the departments of Forest Resources Development and Forest Biology were combined into the Department of Forest Resources, with Arnett Mace as the head, the Department of Forest Products remains as is with John Haygreen as head, the appointment of Bill Miles as Coordinator for Extension and Continuing Education, the appointment of Zig Zasada as Acting Director of the Cloquet Forestry Center upon the resignation of Director Bruce Brown, the redesignation of the Office of Undergraduate Programs as the Office of Student Services under the Directorship of Ken Winsness, and the appointment of Frank Irving as Director of Graduate Studies.

Dean Skok also summarized the events of Frank Kaufert Day of last June 3; Bill Miles briefly summarized what he will be involved in as Coordinator of Extension and Continuing Education; and Arnett Mace reported on the plans for a complete review of the College of Forestry curriculum.

On the basis of reunion attendance at the last two SAF Conventions, the Minnesota College of Forestry Graduates prefer to "Go West" — evidently, New York City just doesn't have what Portland has.

In attendance at the luncheon were:

Sally Bassett — guest	Arnett Mace — faculty
Roger Bay — '67	Bill Miles — '49
Jim Brown	Harry Morton — '61
Alice Carson — guest	Jackie Ohman — guest
Ray Carson — '56	John Ohman — '57
Glenn Deitschman — '47	Carl Reidel — '58
R. W. Douglass — '73	Bob Rice — '57
Don Duncan — '51	Al Schacht — '59
Paul V. Ellefson — '61	Don Schmiede — '52
Peggy Ellefson — guest	Harold Scholten — '67
Darrell Frogness — '63	Dave Schreiner — '64
Duane Hanson — '68	Dick Skok — '50
Jay Hughes — guest	Robert Wambach — '67
Pat John — guest	Bill Webb — '35
Charlie Larson — '40	Tom Williams

# Comments from the Secretary-Treasurer

by A. R. Hallgren

The year 1974 was a busy one for MFAA activities in the Twin Cities area. In addition to our regular banquets in May and November there were the Kaufert's retirement banquet on June 3 and the dedication of the Kaufert Laboratory (Forest Products Building) on September 13. These very successful events gave the College alumni an opportunity to express their thanks and admiration to Frank and Ione for an outstanding career dedicated to this College and the profession of forestry.

Just in case you have not heard, this College has been ranked fourth among the professional forestry schools in this country. This is the ranking compiled by Peter Blau and Rebecca Margulies of Columbia University. The article was published in *Change* magazine (Winter 1974-75 issue). The data was based on the collective judgment of the deans of the forestry schools. Actually, the performance of the graduates as professional foresters would be a better measure of each school, and, as far as I am concerned, our graduates would come out even higher than fourth.

But whatever our ranking, a good part of the strength of this College comes from the support of its alumni. We certainly have had a great alumni support and we want to thank you for that. The Gopher Peavey is a focal point for that support so please don't forget to continue to subscribe to the Peavey. We can point with pride to the Peavey as the only annual now being published at this University.

Don't forget to stop in and visit with us when you are in this part of the country.



# Frank Kaufert Recognition Day

by Charlie Smith, '69

How on earth could anyone expect one day to be sufficient for honoring Frank and Ione Kaufert for their many years of service to the College of Forestry, the forestry profession, and the State of Minnesota? This was the task undertaken by the Kaufert Recognition Day Committee. I must say they did a helluva job in reminding us of how much we owe the Kauferts. I only hope that the day gave Frank and Ione some indication of the high professional and personal regard we hold for them. The day combined the best aspects of professional and personal activities, just as the "Kaufert Administration" had done for the College.

On the morning of June 3, a seminar was held in the North Star Ballroom of the St. Paul Student Center. It featured such notables as Chief John McGuire of the U. S. Forest Service (class of '39), Dean John Zivnuska of the School of Forestry and Conservation at the University of California (class of '47), and Dick Skok, the incoming Dean of the College of Forestry (class of '50). All three speakers related anecdotes concerning their association with the Kauferts over the years as well as addressing a general topic of the role of the professional forester in today's society. I was impressed with the changes in this role during Frank Kaufert's 28 years as Dean. The SRO crowd was evidence of the reception given the seminar.

Later that afternoon, a reception and open house took place in Green Hall and the soon-to-be-dedicated Kaufert Laboratory of Forest Products and Wood Science. Abundant literature was displayed to give testimony to the amount and quality of research and educational work done during Frank Kaufert's tenure as Dean. Exhibits ranged from those showing the organization and physical facilities of the College to those showing candid, humorous pictures from the Kauferts' past. Amongst these displays was interspersed the warmth of renewing old acquaintances in surroundings that brought back joyful memories for all.



*Ione Kaufert thanks everyone.*

But the circle of friends and acquaintances expanded at the Recognition Dinner that evening. The Radisson South Hotel bulged with those proud to have been associated with Frank and Ione Kaufert. After a liberal dousing of old stories, good booze, food and entertainment, the "Parade of Honors" began. Just to list a few (and risk leaving a few out):

- A collection of letters to Frank and Ione collected from friends and alumni by Bob Binger (class of '40) and bound in a beautiful leather book;
- A proclamation designating June 3, 1974, as "Dr. Frank H. Kaufert Day", presented by DNR Commissioner Bob Herbst (class of '57) on behalf of Governor Wendell Anderson;
- Plaques and scrolls commemorating Frank's contributions to the forestry profession, forest research, and land management;
- An endowment fund established in Frank's name at the College of Forestry;
- A chain saw and two personalized hard hats (to allow safe, profitable forestry operations in the Kaufert back yard) presented by the Timber Producer's Association.

But the final touch of the evening remained. Frank and Ione Kaufert emerged from behind a pile of gifts and accolades to deliver a note of thanks with the humility and personality that have characterized the Kaufert years at the College of Forestry. All foresters, alumni or otherwise, say "thank you" to the Kauferts and wish them many more years of joy and fulfillment.



## Kaufert Lab Dedicated

The Kaufert Laboratory of Forest Products and Wood Science of the College of Forestry, whose first phase of construction started in 1959, was dedicated on September 13, 1974 on the University of Minnesota's St. Paul Campus. The building houses the Forest Products Department of the College of Forestry. The laboratory contains classrooms, offices, laboratories, a conference room, and an outdoor seminar room in order to provide for the teaching and research activities conducted in fundamental wood science and the use of wood for lumber, particle, and fiber products.

Platform speakers were: Elmer L. Anderson, Chairman, Board of Regents, C. Peter Magrath, President, University of Minnesota, William F. Hueg, Deputy Vice President and Dean of the Institute of Agriculture, Forestry, and Home Economics, Richard A. Skok, Dean, College of Forestry, John G. Haygreen, Professor and Head, Department of Forest Products, and Frank H. Kaufert, Dean Emeritus, College of Forestry.

In commenting on the thoughts of the faculty in naming the building, Prof. Haygreen explained, "— what else could the building be named? Frank Kaufert has worked toward a strong forest products program in the College of Forestry for 25 years. He has been a national leader in the field of Forestry education and research. He, years ago, recognized the need and importance of such a program to Minnesota — and had such a strong faith in his conviction that we're here today for this dedication."

About the building name, Dean Kaufert jokingly replied, "I'm glad that it was a point of difference I lost!"

The ribbon cutting was in the form of two-man buck sawing through an eight inch aspen log. However, despite the efforts of all those on the platform, the job remained uncompleted.

Minnesota's Senator Hubert H. Humphrey was the guest speaker at a dinner following the dedication.



*Terry Helbig accepts Field Forester award from club President, Tom Schadt.*



*Frank and Lone at Dedication.*

## Helbig Receives Award

The 1975 Field Forester of the Year Award was presented to Mr. Terry J. Helbig at the Foresters' Day Special Event banquet held in late January. Terry, a 1969 University of Minnesota forestry graduate, presently the district forester, DNR, Lake City, has had an active Forestry Club background. He was awarded the Son of Paul Award in 1969 for his participation in the club's activities.

His accomplishments as a field forester are numerous and impressive. For the past several years, Terry has provided assistance to individual woodland owners in the preparation of management plans on private woodlands, made tree farm inspections, and given technical advice on wood utilization and marketing. Terry has also provided and participated in various tours and field trips for many groups including the Forestry Club. He has been responsible for weekly newspaper articles and radio programs in the Lake City area. He has promoted land acquisition for the Minnesota Memorial Hardwood Forest, and has been successful in securing erosion control structures and water impoundments on state land.

Every year since 1960, the Forestry Club of the College of Forestry has presented the Field Forester of the Year Award to a field forester that it feels is deserving of recognition for his professional accomplishments in field forestry, for his involvement in community endeavors, and for his overall promotion of good forestry, and related land use management practices and environmental concern. The Forestry Club is proud to have selected such a deserving individual as Terry J. Helbig for the 1975 Field Forester of the Year Award.

# Three Graduates Receive Awards

The University of Minnesota on March 1, 1975, honored three of its College of Forestry graduates with the Outstanding Achievement Award.

Dr. John A. Stevenson was recognized for outstanding research contributions in the fields of botany, plant pathology, and mycology in which he was worked since graduation in 1912 and to which he still is actively contributing from his Beltsville, Maryland, USDA laboratory.

Dr. Fred F. Wangaard, Professor and Head, Department of Forest and Wood Sciences, College of Natural Resources, Colorado State University, was recognized for his accomplishments in wood science and forest products graduate education, for his abundant research contribu-

tions, and for leadership in professional organizations. A Minnesota College of Forestry graduate in 1933, Wangaard is presently President-elect of the International Forest Products Research Society.

C. Robert Binger, President of Natural Resources, Burlington Northern, Inc., received his award for leadership in development of outstanding and forward-looking industrial forest management programs. A 1940 College of Forestry graduate with a Master of Forestry degree from Yale, Mr. Binger spent most of his career with Boise Cascade Corporation and its predecessors prior to joining Burlington Northern.



*Dr. John A. Stevenson '12*



*Dr. Fred F. Wangaard '33*



*C. Robert Binger '40*

## A Note from Ione and Frank

To Alumni of the College of Forestry:

This is a substitute, a mighty poor substitute, for the personal letters I had planned to write everyone contributing letters to the two bound volumes of greetings and best wishes presented to us at the June 3, 1974 retirement party.

It was a truly wonderful occasion, and the recognition and volumes of letters from College of Forestry graduates were quite overwhelming.

Ione joins me in thanking all of you for making our years at the University so pleasant and meaningful. Your friendship, continued support and good counsel were majorly responsible for building the College of Forestry to its present position in the University and Nation. We hope that you will continue your interest and give Dean Skok, the College of Forestry faculty and the University the same support provided in the past.

With our sincere thanks and every good wish to all of you.

Ione and Frank Kaufert

## Miles Receives Award

Dr. William R. Miles, of the College of Forestry, was recently named by the U.S. Environmental Protection Agency as recipient of an Environmental Quality Award in Minnesota in the Environmental Education category.

Dr. Miles, working to improve forestry practices throughout Minnesota, was instrumental in initiating the Annual Woodland Field days as well as organizing forestry courses for teachers in the form of workshops. He also co-authored numerous articles for teachers, 4-H clubs and the general public.

The purpose of the E.P.A. Award is to single out individuals who have made significant contributions in the field of environmental quality during the past year. Dr. Miles' pace setting leadership in many environmental projects makes him an invaluable asset to the field of environmental education and a worthy recipient of this years award.



## Forestry Club Awards Five Scholarships

This year the Forestry Club awarded Forestry Scholarships to five students in recognition of their outstanding contributions to Forestry Club activities and leadership. Juniors Paul Scherman, Mary Earl, Mary Himanga, Mike Koke, and Frankie Eikum each received \$200. The

scholarship money was made available through the Forestry Club's annual Christmas tree sale.

## Uncle of Paul

The recipient of the 1975 Uncle of Paul Award was Arno Bergstrom. A 1973 graduate of the College of Forestry, he is currently a student advisor in the College Office. Arno was an invaluable asset to the 1974 Christmas Tree Project, helping the co-chairpersons with the selection, tagging, spraying, cutting and baling of the trees. He has also kept an active interest in Forestry Club endeavors, attending club meetings and assisting and participating in many of their activities.



*Tom Schnadt presents Uncle of Paul Award to Arno Bergstrom.*

## Son of Paul

Tom Schnadt, a senior in the College of Forestry, was named Son of Paul at this year's annual Foresters' Day celebration. Tom was the 1974-75 Forestry Club president, has participated in the midwestern foresters' conclave for the last three years, was the 1974 F-Day field events chairperson, and was the 1975 F-Day general co-chairperson. He was also involved in the Christmas tree project, the softball team and other I-M teams, and is a member of the Student-Faculty Board.



*Forestry Club Scholarship Winners, Frankie Eikum, Paul Scherman, Mary Himanga, Mike Koke, and Mary Earl.*

**EMPLOYMENT SURVEY OF  
COLLEGE OF FORESTRY GRADUATES**

In October, 1974, the College of Forestry mailed employment questionnaires to all of its graduates for the years 1970 through 1974, inclusive. The table below gives the results of that survey.

**EMPLOYMENT STATUS OF COLLEGE OF FORESTRY BACHELOR OF SCIENCE GRADUATES**

	1974		1973		1972		1971		1970	
	N	%	N	%	N	%	N	%	N	%
<b>TOTAL EMPLOYED</b>	52	90	52	95	49	96	28	97	33	94
Forestry and Related Employment	44	76	42	77	39	76	23	80	26	74
Full-time:										
Public:	14	25	26	47	20	39	12	42	18	51
Private:	11	19	8	15	16	31	9	32	7	20
Temporary and part-time:										
Public:	11	19	4	7	3	6	1	3	1	3
Private:	2	3	2	4	0	0	0	0	0	0
Unspecified:	6	10	2	4	0	0	1	3	0	0
Non-forestry	8	14	10	18	10	20	5	17	7	20
Full-time:	4	7	6	11	7	14	4	14	5	14
Temporary and part-time:	1	2	3	5	0	0	0	0	0	0
Unspecified:	3	5	1	2	3	6	1	3	2	6
<b>UNEMPLOYED</b>	6	10	3	5	2	4	1	3	2	6
<b>TOTAL RESPONDENTS SEEKING EMPLOYMENT</b>	58	100	55	100	51	100	29	100	35	100
<b>FURTHERING EDUCATION</b>	4		3		4		2		3	
<b>NO RESPONSE</b>	41		56		35		21		46	
<b>UNDELIVERABLE QUESTIONNAIRES</b>	8		4		15		5		11	
<b>TOTAL QUESTIONNAIRES MAILED</b>	111		118		105		57		95	



# ALUMNI NEWS NOTES

## Harvest of 1910

**Robert L. Deering** lives in retirement in San Francisco, California and sends this word: "I was very happy to be able to attend the Kaufert Retirement festivities last June. This was made more pleasant because I could again see the only other survivor of the Class of 1910, Charles L. Lewis and his fine family who have been prized friends of ours for many years. Seeing Profs. Allison and the Browns along with Al T. Hagen and his wife who worked with us in California was an added great dividend."

**Charles L. Lewis** retired in Shell Lake, Wisconsin, writes: "With happy memories of the Recognition Dinner for Frank Kaufert. Bob Deering 1908, myself 1910, and Walter Hoar in the 40's drove down from Shell Lake and sat together. I think Bob and I were about the oldest Forestry grads present. We thought the world of Frank."

## Harvest of 1912

**John A. Stevenson** is spending his retirement in Washington, D.C.

## Harvest of 1918

**Earl S. Pendergast** is spending his retirement in Winterhaven, Florida.

## Harvest of 1920

**Shirley C. Brayton** is retired from the U.S.F.S. in Dunedin, Florida.

## Harvest of 1921

**A. E. Wackerman** sends us word from Bluffton, South Carolina, where he is a Professor Emeritus from Duke University. He writes: "With nostalgic recollections to Professor J. H. Allison during my undergraduate years at U of M spring semester 1917 and 1919, 20 and 21 and fond regards and best wishes."

## Harvest of 1922

**Otis C. McCreery** is living in retirement in Pittsburgh, Pennsylvania.

**Ralph M. Nelson** is residing in Asheville, North Carolina.

## Harvest of 1924

**Maxon Y. Pillow** is retired and lives in Madison, Wisconsin. He writes: "Best wishes for a successful Gopher Peavey. I have enjoyed past issues greatly even though numerous of my contemporaries are missing. Fifty years make many changes."

**Ernest F. Sheffield** sent this note from Minneola, Florida: "I visited Green Hall for a half hour this summer and talked to men in hydrology department about studies of Lake Minnetonka waters. There are 1450 named lakes in Lake County, Florida and we are on the shore of Lake Winneola. I went into the nursery and florist business in 1925 and worked in Minneapolis for 40 years. Retired about 6 years ago. I planted many trees and sold Dr. Smits a Christmas Balsam. P. S. I also visited Lake Itasca campus this summer."

## Harvest of 1926

**Leslie G. Henry** sends us word from Costa Mesa, California.

**Nobel Shadduck** sends in his order for the Peavey from Annandale, Minnesota.

## Harvest of 1927

**Carl G. Krueger** is spending his retirement in Coeur d Alene, Idaho and writes: "No great change. Same wife, same home. Still busy with Museum activities. Enjoyed a visit with Ben Whitehill and family this summer."

**Leslie W. Orr**, who retired from the U.S.F.S. in 1964 resides in Kaysville, Utah. He writes: "Mrs. Orr and I are still in reasonably good health but seldom get very far from home. We have a large yard and garden, with a few fruit trees, so keep busy during the summer. Fishing and hunting fill in the slack periods. Our daughter Mary lives nearby. Wayne our son, is District Ranger on the Oakridge District of the Willamette National Forest in Oregon."

**Arthur F. Verrall**, who was a Principal Pathologist for the U.S.F.S. and is now retired and lives in Gulfport, Mississippi, writes: "After several years of retirement, I have accepted an assignment to prepare a manual on protecting buildings from decay for HUD. Also keep busy with music — playing flute and piccolo with Gulf Coast Symphony Orchestra and recorder with a concert of ancient instruments."

## Harvest of 1928

**Oliver M. Cook** is enjoying his retirement on the East shore of Big Pelican Lake, north of Brainerd. He writes: "Bought a new Evinrude snowmobile this fall. Don't like to ride it, but do like to winter fish. So for a guy with a bum ticker, it's the answer. Also, it gets us more company — my kids and grandchildren (teenagers) come up more often. They get fun out of riding it."

**Ernest J. George** writes to us from Mandan, North Dakota, where he is spending his retirement.

**Dayton P. Kirkham** is retired and making his home in Sun City, Arizona.

**Gus Limstrom** writes to us from Duluth, Minnesota.

**Paul O. Rudolf** is a consulting forester who lives in St. Paul, Minnesota. He writes "During 1974 my wife and I made two sizeable trips. February and March we spent in Arizona and California. Mostly we visit places of interest to us in the mountains and along the coast but we also visited briefly with our son Doug, who teaches and coaches in the senior high school at Visalia, California. This fall after completing our annual stint at Itasca Park, we drove to the East Coast and saw beautiful fall foliage colors across Wisconsin, Michigan, Ontario, Quebec, Maine, New Hampshire, Vermont and the Adirondack Mountains. In between those activities I've kept busy with the yard, garden, 2 grandchildren (my daughter Caroline's youngsters (from Edina) and some Boy Scouts work. Oh yes! I still jog most every day to keep the fat off and the blood pressure down."

**J. Neil Van Alstine**, who lives in Center Conway, New Hampshire, writes: "Sure glad to be retired. I wouldn't make it in today's forestry climate. I consider myself a woods forester, not afraid of hard work and with a basic knowledge of the geology, site timber quality and volumes of the area where I worked. I had one of the first twelve GS11 Ranger positions in the United States."

**Ben M. Whitehill** orders his Peavey from Knox, Pennsylvania, where he is living in retirement.

## Harvest of 1929

**Waldemar R. Anderson** is retired and is living in Roseville, Minnesota.

**A. Dale Chapman** informs us from San Jose, California: "Am now semi-retired, and fully occupied with consulting, golf, hunting, fishing, and traveling."

**William E. Hallin** orders his Peavey from his retirement home in Roseburg, Oregon.

**Frank H. Kaufert** resides in St. Paul, Minnesota where he is the Dean Emeritus for the College of Forestry, University of Minnesota.

**Lawrence B. Ritter**, is a Contract Employee, Bureau of Land for the Department of Natural Resources in St. Paul, Minnesota. He writes: "I continue working, appraising and buying all types of land and interests in land for the Department of Natural Resources."

**A. G. 'Jerry' Roan** informs us from Billings, Montana. "Retired October, 1970 and have been doing a lot of traveling with our Pickup and 27' trailer. Lots of fishing and hunting. Collected two deer this fall. Have a 19 year old grandson and one 14. Daughter 'Pat' lives in Spokane. Expo '74 was great. I was there in June and September. Greetings from Lou and Jenny Roan. Like to hear from the old gang."

**Ralph D. Thomas**, who is retired and lives in Wayzata, Minnesota writes: "The recognition day for Frank Kaufert was one of the highlights of 1974. Nothing new personally other than a trip to the Olympic Peninsula and the realization that one had better keep an eye open for all those logging trucks and their super-excellent drivers."

**Ray B. Tilden**, who lives in St. Paul, Minnesota, is a partner in Liquid Scale Gauge Company.

#### Harvest of 1930

**Carl Eynar Benson** writes: "Retired from U.S. Forest Service after close to 40 years. Wife Marion graduated from music education at the University of Minnesota in 1930. Oldest son, Charles, now 43 is an electrical engineer with Litton at L.A. Harvey, 38 is a forester with U.S.F.S. at Alexandria, L.A. Marian, 36, is teaching co-op education in high school at Tucson, Arizona. Evelyn, "the baby" 32, is a housewife and is trained in home economics education, living at St. Louis, Missouri. My wife and I have the usual several horses and having fun practicing forestry on 3 Knob Ranch north of Dover, Arkansas. Is Pop Allison still around? You all (me too) need to do something special for him."

**T. Ewald Maki** orders his Peavey from Raleigh, North Carolina where he is Professor of Forestry, North Carolina State University.

**Harold L. Mitchell** is enjoying his retirement in Madison, Wisconsin. He spends the time hunting, fishing and traveling.

**Hugo J. Pawek**, is President of the Mower Lumber Company of Durbin, West Virginia.

**Ralph W. Lorenz**, Professor of Forestry Emeritus, University of Illinois, writes: "After finishing my first year of retirement, several of my more exciting moments included a visit to Hawaii with the C. F. Shearers (Class of 37) — attended Dean Kaufert's retirement party — went fishing in No. Minnesota — and was best man for my son Scott's wedding."

**William L. Royer**, sends us word from Lakeside, Montana: "Royers' retirement residence is now a fact: About 350 feet above Flathead Lake; about 3½ miles S.E. of Lakeside, Montana; and about 160 degrees of viewing from Glacier Park south to southern end of the Mission Range."

**Arvid Tesaker** is working in the Soil Conservation Service in Beulah, Michigan.

**Richard Wittenkamp** is the Owner-Director of the Red Pine Camp in Minocqua, Wisconsin. He writes: "No changes from last report. Some winter travels."

#### Harvest of 1931

**Stanley J. Buckman**, who is chairman of the board of Buckman Laboratories, Inc. at Memphis, Tennessee, the company he founded, spent part of 1974, accompanied by his wife, on an extended business trip to Europe, South Africa, Brazil, and Venezuela. He sees excellent future opportunities for his companies in the U.S.A. and in the other countries in which they are located.

**Maurice W. Day**, writes to us from Barbeau, Michigan, where he is retired: "I visited Green Hall in October but I picked a poor day, none of the staff members I wanted to see were in. Now retired, doing a little consulting work."

**B.J. Huckenhahler**, is retired in Arlington, Virginia.

**Robley W. Hunt** is spending his retirement in Aitkin, Minnesota.

**Charles J. Knoblauch** is retired in International Falls, Minnesota.

**Arthur E. Schneider** orders his Peavey from Goodyear, Arizona.

**Paul J. St. Amant**, who is retired and lives in Milwaukee, Wisconsin, writes: "Enjoying retirement and keeping busy. Occasionally assisting George Banzhoff and Company, Consulting Foresters, Milwaukee, on special projects when needed. Also, have been working past six months with University of Wisconsin Extension, Milwaukee County, as Garden Supervisor for Family Garden Plots (900) on County land. H.L. (Pete) Brown doing same kind of work. These are 30' x 30' vegetable gardens. First six months of 1974 I taught two vegetable gardening evening courses for 12-week sessions (2 hours each per week per class) for Milwaukee Area Technical College. Interesting work with adult students, 18 thru 75 years. Glad to see Frank Kaufert at the annual Retiree Picnic in Grand Rapids last August. Keep the Peavey going."

**Jerome H. Stoudt** lives in retirement in Aberdeen, South Dakota.

#### Harvest of 1932

**Alexander B. Karkula** is spending his retirement in Minneapolis, Minnesota.

**Lauritis W. Krefting** from Minneapolis, Minnesota, writes: "Lauritis W. (Larry) Krefting is currently employed by the Minnesota Department of Natural Resources. He is writing up the findings of a long term deer exclosure study in northern Minnesota — Tamarac National Wildlife Refuge, Chippewa National Forest, and the Superior National Forest. Hopefully the manuscript will be published by the College of Forestry. My bulletin on "The Ecology of the Isle Royale Moose With Special Reference to the Habitat" was published in October and has been well received. Over 200 requests have been received from all parts of the world. At the North American Moose Workshop in Duluth last March I was inducted into the "Honored Order of Alces" and presented with a plaque that read, "In Recognition For His Pioneering Efforts In The Field Of Moose Ecology." My lake-shore cabin at Star Prairie, Wisconsin is about two-thirds completed — hope to finish it next summer. My son Wayne was married and is now serving his internship for Luther Seminary at Eau Claire, Wisconsin. I have also been giving slide lectures for the Norwegian-American Historical Association in an effort to recruit new membership.

**Alan F. Laidlaw**, employed as Secretary, Minnesota Association of Soils & Waters Conservation District, reports: "After attending the National Association of Cons. Districts in Houston, Texas in February, my wife and I took a flying trip with the University Alumni Association to Yugoslavia in March. After that it was more work with the Minnesota Association of Soil & Water Cons. Districts, and on our cabin on Deer Lake, 15 miles North of

# Scientific growth.

Another reason Georgia-Pacific's natural resource is growing more important to you.



As the world's natural resources dwindle, more and more demands will be made on the forest. Nature, without man's help, takes more than an average lifetime to grow a harvestable forest. But G-P has cut that time in half.

We're planting genetically-improved trees that grow faster and have more usable wood fiber.

In addition, we're helping speed the growth of the forest through our timberland management program, which includes thinning, removal of competing underbrush, application of fertilizers, and other techniques.

Georgia-Pacific now owns 4.5 million acres of timberland. We also have exclusive cutting

rights on 1.5 million additional acres, bringing our total to 6 million acres. And we're making G-P land more productive; our resource more plentiful and valuable. Scientifically.

Send for a free copy of TO GROW A TREE and MATTERS OF PUBLIC CONCERN. Write: Georgia-Pacific Corporation, 900 S.W. Fifth Ave., Portland, Oregon 97204.

Southern Pine



**Georgia-Pacific**  
The Growth Company



Grand Rapids. Also had a 10-day hunting trip to Montana in the fall. I enjoy attending the semi-annual MFAA bashes at Paul's Place! Glad to see the St. Paul Campus represented in the University administration by a Deputy Vice-President — a move the MFAA has supported for several years. Keep up the good work with the Peavey — your 1974 letter was great."

**Neil McKenna** is retired in Duluth, Minnesota and reports: "Nothing new — and no complaints except inflation, recession, and getting older."

**Stanley B. Olson** is retired and lives in Seattle, Washington. He writes: "Enjoyed a brief opportunity to see a few fellow alumni at the SAF meeting on the campus in September, 1974. The new products building is a fine addition. Enjoying retired life in Seattle."

**Howard B. Smith** writes that he is retired from the U.S.F.S. and resides in Ogden, Utah.

**Walter M. Zillgitt**, who is retired and resides in Asheville, North Carolina, writes: "We continue to enjoy retirement here at the "Cradle of Forestry" in America."

#### Harvest of 1933

**Ralph H. Christopherson** resides in Waukesha, Wisconsin and is employed by U.S.F.S. as a Forester, working out of Milwaukee. He is "still handling the non-recreation special uses for Region 9."

**Arthur G. Horn** is retired from the U.S.F.S. and lives in Burnsville, Minnesota.

**Joseph Lozinski** contacts us from Ely, Minnesota, where he is a land appraiser."

**Harry C. Miley's** home address is Brandon, Vermont. He writes: "Retirement plans delayed until July, 1975, following eleven years service in this unfortunate turbulent country of South Vietnam that has some of the World's finest resources."

**Theodore B. Niehaus**, who is working out of his home in Grass Valley, California, as a Consulting Forester (semi-retired) writes: "Mrs. Niehaus and I are enjoying good health. We both work part-time and blow the proceeds on world travel. The highlight of our year was a trip to Nicaragua to appraise the forestry potential of a large tract of jungle hardwoods for a client."

**Donald E. Price** orders his Peavey from Eagle, Colorado.

**John A. Rundgren** is retired from the U.S.F.S. but is now farming in Eggleston, Virginia.

**Roland J. Schaar** informs us from Arlington, Virginia that he is a Member of Appraisal Institute and a member of the American Society of Appraisers.

#### Harvest of 1934

**George A. Herion** sends us word from Klickitat, Washington where he is a Manager of Logging and Forestry for the St. Regis Paper Company.

#### Harvest of 1935

**Claude S. Asp** is employed as a telecommunications operator for Phil Winslow VW, Inc. in Colorado Springs, Colorado. He writes, "The old man is still at the old stand but in a little different occupation. Volkswagon is now computerized as are so many of the larger corporations. I work Warranty, Inventory Control and operate the telecommunications terminal. Our son is still teaching science and biology at USAFA Junior High. Amy is in senior high at Nassow, the 1974 Colorado high school football champs. Our latch string is out but very few of our forester friends ever pull it. Best wishes to all."

**Roy M. Carter** is Professor of Wood and Paper Science at North Carolina State University, Raleigh, N. C.

**Robert M. Clark** holds the position of Forest Manager for Georgia Pacific Corporation, Fordyce, Arkansas.

**Robert A. Dellberg** informs us from Ukiah, California: "Best wishes. Still working as a consulting Forester in the redwood region in California. Enjoy my 2 grand kids who live here in Ukiah."

**Jack W. Densmore** reports: "I retired from my position as Regional Forester for SCS in July of this year. Since then my tree farm and garden have received much of my attention. My wife and I participated in the SAF sponsored Forestry and Land Use Planning European Study tour this fall — most interesting."

**Birger Ellertsen** retired in 1974 and is living in Norris, Tennessee.

**Arthur E. Ferber** writes from Lincoln, Nebraska: "Am enjoying retirement — gardening, traveling, fishing and watching the grandchildren grow up. Best wishes for another successful Peavey Season."

**Ralph L. Graves** writes to us from Bemidji, Minnesota where he is spending his retirement: "Enjoy working on a 90 acre tree farm and gardening. Working part-time as RC & D Forester for the Headwaters RC & D Project."

**Henry L. Hansen** Professor at the College of Forestry, University of Minnesota, writes: "Family news: My oldest son, Trygg, is the new owner and publisher of a weekly Wisconsin newspaper, The Cornell Courier and Cadotte Sentinel. Son no. 2 is also a budding journalist now enrolled in the graduate school of the University of Minnesota. Son no. 3 is staying in the family tradition as a Junior in Forestry at the University of Minnesota."

**Arthur L. Hawkinson**, orders his Peavey from Eden Prairie, Minnesota.

**Russell W. Johnson** is an Associate Professor of Biology at Bethel College in St. Paul, Minnesota. He writes: "One year of full-time teaching at Bethel College for me then I must retire or 'shift gears' into mini-farming on our 10 acres and also plan on Nature Consulting Work with camps and schools. Have been married over 33 years and love my wife more than ever. One son teaching, one son in Security Alarm business, and one married daughter. I am in excellent health and still can run one mile."

**Donald B. Lynch** is employed by Joe E. Seagrams and Sons, Inc. in Pine Bluff, Arkansas.

**Robert W. Merz** reports from St. Paul, Minnesota: "We are in our 2nd year of retirement and enjoying it very much. There isn't time to do all the things we'd like to. We have built a lake cabin near Grand Marais and we look forward to spending our summers there."

**Norman O. Nelson** is spending his retirement in Park Falls, Wisconsin.

**William L. Webb** writes to us from Syracuse, New York where he was employed by the State University of New York College of Environmental Science and Forestry. He says: "I have recently announced my retirement as of October 1, 1975. After 38 years on the Faculty of this College I have decided to move on to new and more challenging activities. Hopefully, a little loafing will be one such activity."

#### Harvest of 1936

**Earl J. Adams** resides in Stillwater, Minnesota. He is employed as the Director, Division of Forestry of the Minnesota DNR.

**George B. Amidon** orders his Peavey from International Falls where he is a Forestry Consultant.

**Earl O. B. Dahl**, who is retired in Iron River, Michigan writes: "Retired last fall, so went up the Alcan Highway to Alaska, in my truck camper with wife and youngest daughter. Enjoyed the 8,000 mile, 6 week trip tremendously. Several places appealed to us as potential retirement places. Back home, enjoying the winter and so busy I don't know how I found time to work."

**Sigurd J. Dolgaard**, writing from Brainerd, does some consulting and is "retired for the second time. I now plan to spend more time on the golf course and on the lakes, fishing. I do plan to keep in contact on forestry matters in Minnesota."

**Karl G. Kobes** is with the Fish and Wildlife Service in Albuquerque, New Mexico.

**Leonard J. Pulkrabek** is a forester — Blandin Paper Company — Woodland Division — Wood Procurement in Grand Rapids, Minnesota.

**Waldemar A. Winkler** has retired from the U. S. Forest Service and has written this: "After 38 years of a very rewarding life in forestry, I have finally laid down my marking axe and set up permanent camp at 'Pinecrest on the Crystal River', just out of Carbondale town. I have been privileged to accomplish that which I most wanted to do in life thanks to the foundations laid down by my old Forestry School Faculty: Dr.'s Schmitz, Reese, Kaufert, Hanson; Professor's Cheyney, Allison, Brown and King. Now, with time enough, I am in hot pursuit of the many avocations, I never had time for heretofore. Best wishes, Wink Winkler."

#### Harvest of 1937

**Vincent W. Bousquet**, reports to us from Longview, Washington that he is Assistant Regional Manager for Weyerhaeuser Company.

**Alvin T. Hagen**, writes to us from Silver Spring, Maryland: "We certainly enjoyed Frank Kaufert's retirement party in June where our class was well represented. Now we look forward to how we might celebrate our 40th anniversary in two years. Betty and I will relax this winter as we follow the sun for four months. All students and alumni owe our Peavey staffs a vote of thanks every year. I sure do. Regards to all."

**E. Arnold Hanson**, is retired from the U. S. Forest Service and writes: "Still manage to keep plenty busy but not too busy to keep working on my golf game. Sorry we couldn't be in St. Paul for Frank Kaufert's retirement festivities."

**Raymond A. Jensen**, is Associate Scientist at Cloquet Forestry Center, Cloquet, Minnesota.

**Ted Myren**, resides in Baldwin, Wisconsin and reports: "No change from previous year. Still teaching at the University of Wisconsin, River Falls, Resource Management Section and still living in Baldwin."

**Samuel S. Poirier, "Sam"**, is retired from the U. S. Forest Service and lives in Medford, Oregon. He writes: "Toured south in our trailer to Southern California area in January-February. Put in my 4th season at Crater Lake N. P. as a volunteer naturalist in July-September. We flew to Seattle in September, ferried to Victoria, then Vancouver, then rented a car and drove Kamloops, Jasper, Banff to Calgary. Flew to Spokane and visited Expo '74. Enjoying days in the field with retired friends who never knew the pleasure of working in forests. Also canoe on Rogue River and lakes in vicinity and at the ocean. Recommend retirement "to" — not "from."

**John S. Russ** sends word from Arlington, Virginia that he is still working for the U.S.D.A. but has plans to retire soon after 40 years of service.

**Thomas A. Schroeder** sends word that he is retired and lives in Brainerd, Minnesota.

**C. F. Shearer** who is retired from Wholesale Lumber and lives in Eugene, Oregon writes: "Hello gang: Will look forward as usual to another Peavey — keep up the good work. Our family is all grown and scattered — one in Australia, one in Macomb, Illinois, one in Sun Valley, Idaho and the younger boy just graduated from the University of Michigan law school and now practicing in Cincinnati, Ohio. We have four grand children and had them all here this summer. Spent winter vacation on Maui, Hawaiian Islands, this year with Ralph and Betty Lorenz and will be spending January-February with them in our usual haunts in Sinaloa, Mexico. The timber industries out here are taking their lumps right now after an unparalleled period of prosperity for the past several years — stumpage prices however, remain at ridiculous levels so guess we have to 'shake out' the market for a few months more to get people back to sanity. Good luck to all."

**Richard C. Smith**, lives in Columbia, Missouri where he is an Assistant Director in the School of Forestry, Fisheries and Wildlife at the University of Missouri in Columbia. He writes: "Appointed Assistant Director for Forestry July, 1973 to relieve Don Duncan of some of the paper work. I think we are staying ahead of it. Mary is Assistant Professor of Nursing. Son Chandler is working on masters in environmental management at Duke School of Forestry."

**Yale Weinstein** writes to us from Albuquerque, New Mexico, where he is the Vice President of the Duke City Lumber Company, Inc.

#### Harvest of 1938

**Allen R. Bateson** writes from Norris, Tennessee, "Still operating at the old stand — TVA Forestry in Norris, Tennessee. Will complete 33 years in March 1975. Resisting retirement, but it looks inevitable. An enjoying having two grand daughters — a change from raising four sons."

**James A. Bussey** works as a Soil Conservationist, Soil Conservation Service, Ashland, Wisconsin.

**Calvin L. DeLaittre**, sends word to us from Minnetonka: "I am retired but still living at 4637 White Oak Road, Minnetonka, Minnesota. Remarried in 1973, am reasonably well."

**Fred E. Dickinson** is Professor of Forestry and Director, Forest Products Laboratory, University of California, Richmond, California.

**Robert L. Hiller** is spending his retirement in Baraboo, Wisconsin.

**Charles Hutchinson** reports to us from Sacramento, California.

**John L. Kernik**, is retired from U.S.F.S. and now residing in Duluth, Minnesota where he informs us: "I am working full-time for a Forestry related business firm."

**David A. King** is employed by the University of Arizona, Tucson, Arizona, as a Professor for the Department of Water-shed Management.

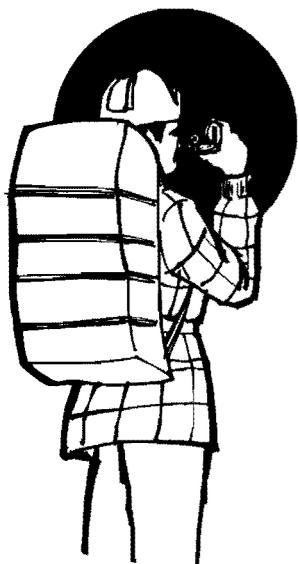
**David B. King** is retired from U. S. Forest Service and currently living in St. Paul, Minnesota.

**Alvin E. Nelson**, who resides in Madison, Wisconsin, is employed by the Department of Natural Resources, Madison, Wisconsin.

**Raymond J. Wood** reports from Old Town, Maine, where he is a Corporate Chief Forester for the Diamond International Corporation.

#### Harvest of 1939

**George E. Gustafson**, writes from the North, Anchorage, Alaska, where he is Townsite Trustee, Bureau of Land Management: "Still with BLM. Glad to see another Gopher join the staff. Ben



## Headquarters for Outdoorsmen

Our selection of outdoor clothing, footwear and equipment is absolutely the finest in the Midwest. Come in and browse. If you like the outdoors, you'll like Hoigaard's.

- Vasque & Pivetta Boots
- Backpacking Equipment by Gerry, Jan Sport, Class 5 & Kelty
- Hudson Bay Axes
- Silva "Ranger" Compasses
- And hundreds of other quality items of outdoor gear

WALLY CLAUSON, Mgr.

# Hoigaard's

SINCE 1895

3550 S. Highway 100, St. Louis Park • 929-1351

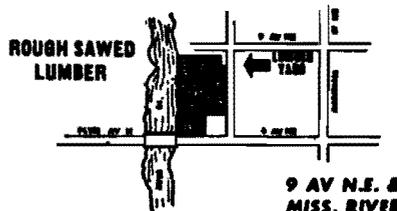
Also in Dinkytown:

421 14th Ave. S.E. • 331-9360

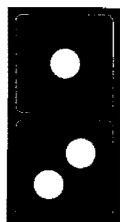


SCHERER  
BROTHERS  
LUMBER  
COMPANY

**Lumber, Insulation, Tools, Cedar Timber,  
Decking, Hardware, Roofing,  
Siding & Pre Hung Doors**



## 339-9633



## DOMINO'S PIZZA

1437 N. CLEVELAND

12-INCH CHEESE PIZZA

16-INCH CHEESE PIZZA

### ADDITIONAL ITEMS

Pepperoni	Ground Beef	Onions
Canadian Bacon	Mushrooms	Olives
Fresh Sausage	Green Pepper	Extra Cheese

### DOMINO'S DELUXE

Pepperoni, Fresh Sausage, Onion, Green Pepper, Mushrooms

**Free Delivery**

CALL

## 645-9194



**WE WON'T DISCRIMINATE  
AGAINST YOU  
BECAUSE OF CLASS.**

Whether you're a freshman or a professional student, our Campus Banking Center was put together for you, to help you get your finances together.

- Free student checking accounts
- Federally-insured school loans
- Short-term emergency loans to student checking account holders
- Financial Counseling

## St. Anthony Park Bank

Campus Banking Center

Located in our Drive-In/Walk-Up Building  
2300 Como Avenue, 647-0131

7:30 am - 6 pm. M-F; 9 - Noon Sat.

## MILLER'S PHARMACY

FOUR PHARMACISTS TO SERVE YOU

646-3274

646-8411

2309 Como Ave. (at Doswell)

St. Paul



*Hermes Floral Company, Inc.*

2001 West Larpenteur Ave., St. Paul, Minn. 55113

Just North of Campus

646-7135

ORDER CORSAGES EARLY

Est. 1906

## WHITE'S SHOE SHOP

MAIN AVE. &  
STEVENS ST.

ARCH  
EASE



SPOKANE,  
WASH.

Over 50 Years Manufacturing  
HAND MADE



No. 375  
8" VIBRAM  
OR  
COMPOSITION

Smoke Jumper and Forester



No. 690 LEATHER OR  
COMPOSITION SOLE



No. 75 - 8"  
OR  
No. 100 - 10"  
CALKED LOGGER

Send for Catalog

## Herb Nelson's Union Oil

1525 W. Larpenteur Ave.

646-9522

General Repairs ♦ Air Conditioning

Tune-Ups ♦ Brake Work

# UNION

## VESCIO'S

### Italian Food

*Known for Everything Good*

378-1747

Closed Mondays

Olsen, formerly of Durango, Colorado, now in Anchorage. Enjoyed the usually good Peavey last year. I would appreciate the names of the 4 sitting on the log on page 2 of last year's Peavey. Thanks."

**L. B. Hoelscher** reports to us from Tacoma, Washington.

**Richard Hultengren** reports from St. Paul, Minnesota.

**Philip L. Huntley**, sends word from Norway, Michigan where he is employed as Financial Manager for Kimberly-Clark Corporation.

**Herbert G. Johnson** is an Extension Plant Pathologist, Department of Plant Pathology, University of Minnesota.

**Goodman K. Larson**, who resides in Hopkins, Minnesota is retired from the U. S. Fish and Wildlife Service. He writes: "I'm enjoying my retirement: cross country skiing in the winter, farming and gardening in the summer. Have marshes with waterfowl, spring-fed ponds with rainbow trout and good deer habitat so don't have far to go from the house to observe, photograph or harvest game on Prairie Marsh Farm."

**John R. McGuire**, works for the Forest Service out of Washington, D. C. He resides in Falls Church, Virginia.

**Edwin K. Miettunen** orders his Peavey from St. Paul, Minnesota.

**Thomas H. Ohl** is retired and lives in Albuquerque, New Mexico. He writes: "I would like my friends to know that my wife, Gabie, of 33 years, passed away on September 12, 1974."

**Morris V. Olson** sends us word from Alexandria, Virginia: "No news - still in County Government work; Fairfax County, Virginia - after retirement from the Army. Beatrice and I have a granddaughter and a grandson now. Both sons in the Army. See 'Howie Post '39' and 'Old Olson '31' at our annual Washington Foresters' luncheon."

**Vincent N. Olson** is employed as a Forest Supervisor in Sitka, Alaska. He writes: "Will be retiring the end of April with 36 years of public service. Plan a little fishing, hunting, beachcombing and just loafing. Have enjoyed the Peavey. You are doing a great job. Keep up the good work."

**Donald H. Overholt** is the owner of the Mountain View Plaza Apartment-Motel in Durango, Colorado.

**Ken W. Sackett**, who is a Life Insurance Agent in St. Paul, Minnesota writes this: "Our two children, both girls, have followed medical pursuits. The older, Sandee, is a first year resident in Pediatrics at the University Hospital and will hang out her shingle upon completion of her residency in May or June 1976. Linda is our younger daughter and is a medical technologist at St. Paul Ramsey Hospital. She is to be married in June, 1975. Keep up your great efforts, Peavey staff, and best regards!"

**Carl B. Scholberg** is living in Sierraville, California. He is retired after 30 years with the U. S. Forest Service.

**Frank E. Tucker**, who is retired writes this: "Two years ago I retired from the Forest Service with 30 years of service, mostly in timber management. Since retirement I have been taking a law course by correspondence in hopes that I could combine the knowledge of law with my forest management experience to help me operate in the field of environmental law. I feel that some law courses are necessary for the practicing forester today if he is going to meet the challenge of forest management and concern for the environment under the conditions as they exist today. With proper forest management there should be no conflict between these two concepts but the decision as to what is proper forest management is the question that is going to be hard for people to agree on."

**David B. Vesall** is a Deputy Director in the Minnesota Division of Fishery and Wildlife located in St. Paul, Minnesota.

**A. L. Wuoltee**, who was a forester with the U.S.F.S. "died October 16, 1974. A memorial scholarship fund has been set up in his name for environmental studies students. The first \$200 scholarship will be given to a student from Floodwood High, from which he graduated, who is continuing his studies at the U of Minnesota."

#### Harvest of 1940

**Eldon A. Behr**, a Professor, Department of Forestry, Michigan State University, E. Lansing, writes from Okemos, Michigan: "It was a great pleasure to see old classmates at the retirement dinner for Frank Kaufert last June. Our older son is a pilot in USAF while the younger is in training to be a USN jet pilot. I still prefer to stay on the ground and travel by train. Forestry at Michigan State University is more popular than ever with all our classes having increased enrollment over other years. Mrs. Behr and I are scouting the Southeast (Georgia, South Carolina, Florida) for a place to retire but haven't found the ideal spot as yet. If inflation continues as in the past year, no telling what we'll do."

**C. Robert Binger** is President, Resources Division, Burlington Northern, Inc., St. Paul, Minnesota. Bob received the University of Minnesota's Outstanding Achievement Award on March 1, 1975 for his leadership in developing outstanding industrial forest management programs.

**Clarence B. Buckman** informs us from St. Paul: "Still on the same job as Deputy Commissioner, Minnesota Department of Natural Resources. We have a grandson now 1½ years old who looks like Viking material. Bud Grant thinks he is a little young, though."

**John E. Carlson** informs us, "I retired last year after 27 years in the Forest Service, and 4 years in the Army giving me about 32 years Federal Service. I worked on the Olympic and Willamette National Forest during my F. S. time. My wife and I live in Eugene, Ore. which is, we think, an ideal spot to be. It is half-way between the coast and Cascade Mountains. Incidentally, I play golf frequently with "Sandbagger" Rheinberger who lives and works here in Eugene."

**Gordon R. Condit** sends us word from DeRidder, Louisiana: "Am managing the woodlands operations for Boise Southern Company in Western Louisiana. We now own or lease 720,000 acres and manage approximately 825,000 acres including management agreements. In 1975 I will serve as President of the Louisiana Forestry Association."

**Clarence T. Eggen** is employed as an area forester with the U.S. Bureau of Indian Affairs, Minneapolis, and resides in Spring Park, Minnesota.

**Don N. Gregg** is a realty specialist with U.S. Fish & Wildlife Service, Fort Snelling, and resides in Minneapolis, Minnesota.

**Ross Hanson** writes "I'm going to let some of the professional foresters answer your questions on forest management, but will say this about question 4. Education: Don't get hung up on the technical aspects of forestry education. In my day like today - too many students were concerned (overly so) with that aspect. I don't practice forest management today - so what. I got a good education as a forester. It taught me to think, how to adapt, how to learn - you can do anything you want when you finish and do a good job because you have a good education. Same is true today - a few present notes follow: I'm grandfather twice over. Still have 4 students in college - youngest started this year as a freshman - MIT in Boston. One smart one in the bunch but she wants to be an engineer. Even the wife is taking night course at the University of Minnesota - keeps the "old man" from retiring. I'm still chasing ducks by air -- best regards."

**Robert G. Helgeson** reports from Tacoma, Washington, where he is Manager, Forestry Tacoma Operations, St. Regis Paper Company.

**Richard L. Knox** reports from McLean, Virginia, where he is Deputy Director, Cooperative Forestry, USDA Forest Service in Washington, D. C.

**Charles C. Larson** reports from Syracuse, New York where he is the Dean of the School of Environmental and Resource Management. He writes: "Greetings and best wishes to the Gopher Peavey staff, the faculty and students of the University of Minnesota School of Forestry, and to all members of the Class of 1940 wherever they may be."

**Jim Michels** is employed by Lassen National Forest, Susanville, California.

**John G. Miles** writes to us from Eureka, California. He is President of Natural Resources Management Corporation.

**Ralph K. Nelson** resides in Grand Rapids, Minnesota, where he works as a manager of the Blandin Wood Products Company.

**George E. Olson** writes to us from Midland, Michigan, where he is with Dow Chemical, U.S.A. as a manager of Marketing Services.

**Frank Usenik** is a staff forester, Division of Forestry, in the Centennial Building, in St. Paul, Minnesota.

**Willard E. West** writes to us from St. Paul, Minnesota. "Changed jobs this year. Switched from Supervisor Land Acquisition and Exchange Section, Bureau of Land, DNR to State Forest Management and Harvest Forester, Division of Forestry, DNR. Good to be back in forestry again."

#### Harvest of 1941

**August E. Block** reports: "No change in occupation or location. Enjoyed meeting Dr. Kaufert and other Minnesota alumni at the SAF meeting on Mackinac Island this fall. Good luck with your efforts to put out another Peavey." He is a district ranger with the U.S. Forest Service in White Cloud, Michigan.

**W. A. Graupmann** resides in Seattle, Washington, and operates out of Benton, Washington as a credit sales manager for Sears Roebuck & Company.

**R. W. Hosfield** is a resident of White Bear Lake, Minnesota and is Assistant Trail Coordinator, DNR, Centennial Building, St. Paul, Minnesota.

**Robert W. Johnson**, a regional forester for Weyerhaeuser Company in Longview, Washington, writes: "Now a grandparent. Apparently sons won't become foresters! New State Forest Practices Act will be a real challenge to forest planners."

**M. J. "Mike" Latimer** is Corporation Director — Public Affairs at Blandin Paper Company, Grand Rapids, Minnesota. He writes: "Not much to report this year. Blandin on big expansion program with completion schedules for late 1975."

**Howard B. Osmundson**, who is a real estate appraiser in Billings, Montana writes: "It was great to attend Frank Kaufert Day and see so many faculty and alumni friends. Some even look older than in 1941 but they all looked great! Maybe we will make the effort to go out of our way a bit in our travels to keep these friendships fresh."

**F. Douglas Parsons** is employed as a manufacturers' representative in Bellevue, Washington.

**Thomas M. Partridge** lives in Newton, Iowa where he is employed by Wood Shed Lumber Company. He writes: "This is my second year back in the retail lumber business after having been out of it for 20 years. Apparently this is my niche. My brother, Leonard, class of '52 (Forestry), has been in retail lumbering for many years. He is second man at Schoenamen Brothers Lumber in Ames, Iowa."

**John Wishart** is the Manager, Forestry-Crossett Division for the Georgie-Pacific Corporation. He lives in Crossett, Arkansas.

#### Harvest of 1942

**Joseph M. App** writes from Two Harbors, Minnesota: "My wife Mary has been under leukemia treatment at the Masonic Cancer Research Center, University of Minnesota Hospitals. I retired from the U.S.F.S. on September 14, 1974 and will maintain our home in Two Harbors. Your Peavey staff is to be commended for keeping the Peavey going. I know the difficulties with limited resources."

**Dwight W. Benseid** is a Professor at Iowa State University, Department of Forestry, and writes: "I was sorry to have missed the programs concerning Frank Kaufert's retirement, but during the same period enjoyed attending a week long International Symposium on Wood Science and Technology as related to the Furniture Industry in Developing Countries. After presenting my paper and acting as chairman of two sessions of the Symposium held in Cairo, Egypt, I lectured for three days at the University of Alexandria. It was a most informative and interesting trip. Egyptian hospitality was wonderful."

**Hiram Hallock** sends us this word: "Still at the Forest Products Laboratory at Madison. Had the good fortune this past year along with my associate David Lewis, of being awarded the Superior Service Award of the USDA for our highly successful computer controlled saving decision making program commonly called BOF for Best Opening Face. This breakthrough promises an immediate 10-20% increase in dimension lumber from softwood logs. Have moved from Madison to New Glarus to get away from the growing city."

#### Harvest of 1943

**David W. French** is a Professor in the Plant Pathology Department on the St. Paul Campus.

**Robert E. Nelson** is employed as Director, Program Division, Ramsey County Community Corrections Department.

#### Harvest of 1947

**R. W. Bauck** writes to us from Calgary, Alberta, Canada: "Have enjoyed a good business year in 1974 and prospects are bright for 1975. We are tied up with basketball as our youngest son is playing for his college team."

**Glenn H. Deitschman** writes: "Enjoyed renewing acquaintances at the SAF National Convention in New York, and had a most interesting post-convention tour of Europe with my wife. The Central R. M. Section arranged a tour concentrated on forestry, and related land-use practices in Switzerland, West Germany, and Austria." Glenn is a research forester with U.S. Forest Service in Moscow, Idaho."

**R. W. Law** sends word from Monroe, Louisiana, where he is Director of Woodlands, Olinkraft, Inc.

**Howard E. Olson** who lives in St. Paul, Minnesota is President of Sonford Products Corporation. He writes: "Our biggest delight this year was to establish the Sonford Products Corporation Scholarship at the College of Forestry."

**Robert H. Wood** is employed as a quality control supervisor for 3M in St. Paul, Minnesota

**John A. Zivnuska** sends us word from Orinda, California. "With the merger of the School of Forestry and Conservation into the new College of Natural Resources, I am no longer involved in administration and have returned to full-time teaching and research at the University of California."

#### Harvest of 1948

**Clifford Ahlgren** is Research Director, Wilderness Research Foundation in Duluth, Minnesota. He writes, "By the time the Gopher

# ANDERSEN® PERMA-SHIELD® WINDOWS & GLIDING DOORS — —

## The Beautiful Way

To save time, money and fuel

### Less Installation Time

Perma-Shield Windows come completely assembled, with all hardware applied. All you do is nail through pre-punched flanges. That's all there is to it! Flanges eliminate need for separate flashing and leakage around the frame. What a savings on labor!

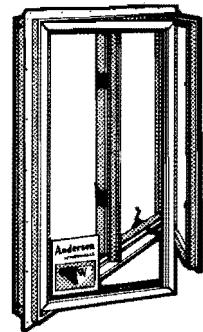
### Less Maintenance Expense

Rigid vinyl-protected frame and sash won't rust, peel or chip. No painting necessary. Snap-in vinyl glazing beads make scraping and re-puttying a thing of the past. The only maintenance costs are for soap and water.

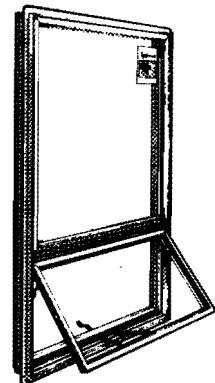
### Less Fuel Consumed

Wood, one of nature's best insulators, is the basic Andersen material. Double-pane insulating glass substantially cuts conducted heat loss through the glass area, compared to single glazing, while doing away with storm window bother. Tight-fitting design and skilled craftsmanship greatly reduce infiltrated heat loss. The result is a window two times more weathertight than recognized air infiltration standards.

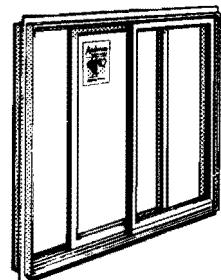
The next time you build, buy or remodel, insist on Andersen windows and gliding doors. The beautiful, carefree way to save fuel.



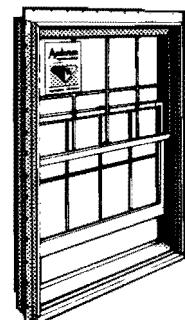
Perma-Shield®  
Casement Window



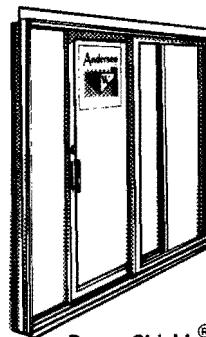
Perma-Shield®  
Awning Window



Perma-Shield®  
Gliding Window



Perma-Shield®  
Narroline®  
Double-Hung  
Window



Perma-Shield®  
Gliding Door

**Andersen Windowalls®**  
ANDERSEN CORPORATION BAYPORT, MINNESOTA 55003



Peavey comes out, the book I co-edited, *Fire and Ecosystems* (Academic Press) will be out. Publication will be in late December, 1974. It was quite a challenge, but an interesting one.

**Paul E. Collins** orders his Peavey from Brookings where he is a Professor, Horticulture-Forestry Department, South Dakota State University.

**Robert S. Jorgenson** is involved in appraisal consulting and Christmas tree growing.

**Earl M. Osborne**, informs us that he is with the Consolidated Lumber Company in Stillwater, Minnesota.

**Rod Schumacher**, who resides in St. Paul, Minnesota, is in the Sales Department for the Masonite Corporation.

**William H. Ziemer** works as an Estimator for the Lyman Lumber Company in Excelsior, Minnesota.

#### Harvest of 1949

**Frank J. Culotta** is employed by the Brannum Lumber Company in Racine, Wisconsin.

**Donald W. Grimm** works as Assistant Fire Chief in Rochester, Minnesota.

**Al Hallgren** writes from St. Paul where he is Associate Professor on the faculty of the College of Forestry: "1974 was a very busy year for the Hallgren family. Dorothy and I spent April in Morocco visiting our son, Steve, who was in the Peace Corp. Steve's Peace Corps service ended in August and he was fortunate to find a job with Weyerhaeuser at Centralia, Washington. Daughter, Kathy, was married in November to a park management student at the School of Forestry, Oregon State University. We are a forestry family. Vacation plans are very simple for 1975 with offspring in Oregon and Washington. Had a very enjoyable visit with Gene Steinbrenner and family. Forestry enrollment continues to grow at College. We are very proud of that #4 national rating for the College. Faculty is working hard to become #1.

**Frank Irving** is Professor and Director of Graduate Studies, College of Forestry, University of Minnesota.

**Howard B. Johnson** is employed as a Senior Systems Engineer for IBM Corporation in Minneapolis, Minnesota. He writes: "I very much enjoyed seeing all of you '49ers who made it to the Class of '49 25-year reunion bash at Gull Lake last September."

**Loyd M. Lamois** is a Forester with the Forest Service / USDA in Washington, D. C.

**Dayton Larsen** works out of Duluth, Minnesota as an Area Extension Forester.

**J. Donald Meyer** is employed by Edina East High School as Area Leader Environment.

**Merle P. Meyer** is a Professor in the College of Forestry, University of Minnesota.

**William R. Miles** is Professor and Coordinator, Continuing Education and Extension at the College of Forestry, University of Minnesota.

**R. C. Newman** reports from Franklin Park, Illinois where he is a Regional Manager for the Georgia Pacific Corporation.

**James E. Peterson**, who is a consultant writes us: "I guess everyone from '49 has retired but I'm still having to scratch it out. Two kids graduate from college this year — one more to go. We're well rooted in Mississippi now — got a little land — so we'll be here if anyone comes by."

**Richard A. Reinarz** lives in St. Paul, Minnesota and is employed as a Director — Comm. Program USDA (FHA) in St. Paul.

**Darrell F. Russ** sends us word from Great Mountain Forest in Norfolk, Connecticut.

**Richard E. Schaefer** writes that he is the Bonneville Power Administrator in Vancouver, Washington.

**Richard E. Schroeder**, who resides in Portland, Oregon, is a Staff Forester for the Oregon State Office in Portland.

**Stanton H. Anderson** sends us word from Bagley, Minnesota where he is with the FHA as a Company Supervisor.

**E. C. Steinbrenner** is employed by the Weyerhaeuser Company in Centralia, Washington.

**Gerald J. Sullivan** is an Area Extension Agent with the North Central Experiment Station for the University of Minnesota in Grand Rapids, Minnesota.

**David V. Swenson** is employed as a Party Chief with the Geophysical Service in Midland, Texas.

#### Harvest of 1950

**Robert E. Bergquist**, General Manager for Citation Homes in Spirit Lake, Iowa, writes: "Our company and myself have had the privilege of working with many Wood tech people in the development and marketing of the "All-Weather Wood Foundation" system. We currently have fabricated and delivered approximately 300 units in Iowa, Minnesota and South Dakota. Our family had a very enjoyable trip through the Pacific North West participating in the marketing program of the American Plywood Association Annual Meeting in Portland and touring the APA lab in Tacoma. The family felt the APA lab was the highlight of the trip."

**LeDell Bowen** orders his Peavey from St. Paul, Minnesota.

**R. H. Brendemuehl** writes from Marianna, Florida where he is Project Leader at Southeastern Forest Experiment Station.

**Jack B. Eggen** orders his Peavey from Minneapolis where he is involved in lumber sales.

**Tony Gruba** reports to us from Estacada, Oregon: "It isn't possible that it is this time of the year again. Seems as though the years virtually fly by. Have a daughter who will graduate from high school this fall. Don't exactly know her plans, she does mention dentistry. Still with Chapman Chemistry Company. The poor lumber market certainly has put a crimp in our operations. Nothing really new to report." Tony is a Sales Engineer and works out of Portland.

**John H. Hamilton** sends word from Susanville, California: "Hello to Ken Winsness. Family still all at home. Next year will probably see Mark (oldest) in his last year at home before going off to distant parts. Florence and I are still waiting for travelers to stop by — we're only 87 miles from Reno. Just got the O. K. for Lassen Colleges fourth Forest Technician program instructor. The hope is to find one to build up the recreation option. Florence still copes admirably with the 5 men in her otherwise female-less home. Mark now in college — Major: Atomic Physics: Scott (#2) in Junior year of High School — interest is wrestling; David (#3) (twin) was High School Frosh defensive end until broken arm curtailed that. Dan (#4) (twin) was High School Frosh Running Back and defensive back until impressed coaches moved him to Junior Varsity — missed last game with back injury. Hi to all."

**Jack R. Helm** orders his Peavey from Denver, Colorado.

**Donald O. Ingram** sends word from Wisconsin Rapids, Wisconsin. He is District Superintendent — Central Wisconsin Timberlands Consolidated Papers, Inc.

Today when someone refers to the conservation of our forest resources it usually implies a "hands off" policy. To us at Blandin it means . . .

- C**ONTINUOUS – Supplying a continuous flow of timber crops.
- O**PTIMUM – managing for optimum forest growth and yield.
- N**ATURE – protecting the forest from nature's destruction.
- S**USTAINED-YIELD – allowing for a sustained-yield approach through proper rotation adjustment.
- E**NVIRONMENT – contributing to a clean and healthy environment through proper forest management
- R**ENEWABLE – renewing the timber resource through proper harvesting systems.
- V**IGOR – maintaining a vigorous and healthy forest by applying stand improvement techniques.
- A**ESTHETIC – managing the forest in an aesthetically pleasing manner.
- T**IMBER – supplying timber to our nation's economy as well as the many other multiple-use benefits.
- I**NVENTORY – maintaining as adequate inventory of forest products.
- O**VERMATURE – removing overmature timber through proper silvicultural procedures.
- N**ATION – supplying our nation with a rich and bountiful forest resource.

# BLANDIN COMPANIES

WOOD AND PAPER PRODUCTS

115 First Street Southwest  
Grand Rapids, Minnesota 55744  
218/326-3411

# THIS IS THE BOOK



## TO GO BUY

All the tools of the trade to help make your job easier, faster, and more efficient. A reliable source for nearly 20 years. Selection...quality...fast service anywhere on the continent... all at a fair price...and we stand behind everything we sell. You'll find the right answer in our catalog...over 5,000 tools for the professional.



FORESTRY AND ENGINEERING SUPPLIES

### THE Ben Meadows Company

553 AMSTERDAM AVENUE, NE, ATLANTA, GEORGIA 30306  
404/873-3801, CABLE ADDRESS "BENCO"

## "WHAT YOU NEED WHEN YOU NEED IT"

MORE THAN JUST A SLOGAN, "WHAT YOU NEED WHEN YOU NEED IT" EXPRESSES FORESTRY SUPPLIERS GENUINE INTEREST IN SERVING YOU. EACH OF US WANTS TO PLEASE YOU. WE SAY "AT FORESTRY SUPPLIERS, YOU GET MORE THAN JUST MERCHANDISE, YOU GET SOME OF EACH OF US".



## Forestry Suppliers, Inc.

P. O. BOX 8397  
205 W. RANKIN STREET  
JACKSON, MISSISSIPPI 39204

QUALITY FORESTRY, ENGINEERING AND  
ENVIRONMENTAL EQUIPMENT SHIPPED WORLD WIDE

**Lennart E. Lundberg**, resides in Springfield, Virginia and works out of Washington, D. C. as Director of Administrative Management, Forest Service, USDA.

**Richard A. Skok** is the Dean of the College of Forestry for the University of Minnesota in St. Paul, Minnesota.

**Winston Swanson** writes to us from San Carlos, California, where he is employed at General Insurance Agency in San Carlos.

**Robert B. Wallin** is employed as a Branch Manager for U. S. Plywood in St. Paul, Minnesota. He writes: "Family growing fast with oldest son, Craig, after three years in Germany and attending College of St. Thomas in St. Paul pursuing a degree in marketing. Our oldest daughter, Kate, graduates this year from Barat College in Lake Forest, Illinois, and finding the job market very tough to say the least. Mary Ellen, really a young lady at 17, now the official representative in the Twin City area for Seventeen Magazine and soon to take off on two week co-sponsored trip to Europe primarily in Germany and Austria. Fifteen-year-old Joe is very competitive in USSA in Slalom and Downhill racing and growing like a weed. Business conditions are tough but with the many University of Minnesota foresters we have on our staff, I'm sure we will survive and continue to grow."

#### Harvest of 1951

**Donald P. Duncan** writes from Columbia, Missouri where he is Director, School of Forestry, Fisheries, and Wildlife, University of Missouri.

**Robert D. Garner** is employed by Western Electric Company, Inc. in Denver, Colorado.

**Edwin J. Haslerud** is employed as a Forester with Kimberly-Clark Corporation in Anderson, California.

**Frank J. Kopecky** is a Deputy Regional Forester — S&P for the U. S. Forest Service in Portland, Oregon.

**Roland E. Schoenike** sends us word from Clemson, South Carolina, where he is an Associate Professor, Clemson University.

**Kenneth G. Torgerson**, who works as a General Agent with the Alexander Hamilton Life Insurance Company, lives in Weidman, Michigan.

**Jack C. Tucker**, who is a forester with the U. S. Steel Corporation, Timber Property in Iron River, Michigan writes: "Still plugging away attempting to manage the forest on company lands here. We are going to do our third CFI measurement this year. We're anxious to see the results. Here in this area we have a loosely organized group of foresters from state, federal and private. It's an informal group. We don't even have officers. For want of a better name, we call it the 'Iron County Foresters Association'. Two or three times a year we get together for a dinner and bull session. Though perhaps more social than business, we usually discuss some issues of interest to us or the local forest industry. It's fun as well as interesting and we foresters have become well acquainted with each other. I would highly recommend this type of group for any county-size area."

**Evert B. Wickstrom** sends us word from Bemidji, Minnesota. He writes: "Wife and family are doing fine. I have three boys; one is a junior in engineering at the University of Minnesota and the other two are in high school. The wife is Director of the Beltramii County Nursing Service. I have changed positions since last year. I am now a Natural Resource Specialist in charge of Land Operation for the Minnesota Agency."

**Kenneth A. Wickstrom** is a Department Chief, Purchased Products Inspector for Western Electric Company in King of Prussia, Pennsylvania.

#### Harvest of 1952

**Harold O. Batzer** lives in New Brighton and is Research Associate at North Central Forest Experiment Station, St. Paul

**John H. Benson** is employed by Youngblood Lumber Company in Minneapolis, Minnesota.

**Bruce A. Brown** sends us word from Cloquet, Minnesota where he is a professor at the Cloquet Forestry Center.

**Robert N. Campbell** is a Professor of Plant Pathology at the University of California and writes: "I am happy to report that I am still at David, still teaching an introductory plant pathology course to undergraduates from assorted majors, and still enjoying it all. Enrollment is 50% above last year; 99 students this year. The family size has remained constant at 3 children but their individual sizes have all increased. We spent an interesting 8 months sabbatical leave at Turin, Italy, from January to September (1974). Regards to all and special greetings to Ken Winsness."

**John R. Davis** is with the U. S. Fish and Wildlife Service in Bismarck, North Dakota. He writes: "As a victim of the third re-organization in three years I'm leaving North Dakota but as of now I don't know when or where — hopefully west."

**Arlen J. Erickson** is President, Pre-Hung Doors, Inc., St. Paul, Minnesota.

**William W. Hamlin** works as Wood Procurement Superintendent, Owens, Illinois, Inc., Tomahawk, Wisconsin.

**Philip A. Heyn** is employed by the U. S. Forest Service in Portland, Oregon.

**John F. Perry** is the Vice President and General Manager of the Dura Supreme, Inc. located in Minneapolis, Minnesota. He writes: "The wood cabinetry business remains strong in spite of a serious down turn in new housing. REMODELING is the reason. We see a strong demand for REAL wood as opposed to the many substitutes — Wood is BEAUTIFUL."

**Alvin E. Robinow** the owner of a Coast-to-Coast store lives in Sioux City, Iowa. His family includes: "Wife — Rowena, and two daughters; Amy, a junior in high school and Lisa, a freshman at Carleton College in Northfield, Minnesota."

**B. J. Schaefer**, informs us from Fairfax, Virginia, that he is an Assistant Chief, Division Realty, for the Fish and Wildlife Service in Washington, D. C.

**Don Schmiege** writes from Alaska: "Not much change since last year. Am still Program Leader of a Multifunctional Research Project here in the Forest Sciences Lab in Juneau. Our daughter, Cindy, is now a sophomore in Home Economics at the University of Minnesota and Marjorie (class of '52) is still teaching at the local High School. I saw John Davis in Bismarck and Gerald Anderson in Washington, D.C. this past year and Dick Munding in Portland.

**Frank Schrem** writes to tell us that he is a Forester with the Internal Revenue Service in Portland, Oregon. He lives in Tigard, Oregon.

**Darold D. Westerberg** lives in Fairfax, Virginia and works out of Washington, D. C., where he is an Assistant Director of Timber Management with the U. S. Forest Service, U. S. D. A.

#### Harvest of 1953

**Robert J. Arkins**, lives in Lakewood, Colorado, where he holds the position of Assistant Regional Director, Bureau of Outdoor Recreation, U. S. Department of Interior.

**David S. Cross**, writes from North Fort Myers, Florida, where he is Manager, Hunnicutt & Associates, Inc.: "After a year in the tropics, I can truly say 'I like it.' Despite its idiosyncracies, Florida has much to offer; however, I don't recommend it to everyone. Those of us who are here want to keep it for ourselves! I'm still telling people what they can do with their real estate, and this area

is great for that as Lee County is one of the three fastest growing counties in the nation. Please call if you are going through S. W. The first julip is on me!"

**Donald D. Ferguson**, works out of Two Harbors, Minnesota as a consulting forester.

**Lansin R. Hamilton**, resides in Deerwood, Minnesota and is President of Northern Timber Company, Aitkin, Minnesota.

**Lewis A. Nicholson**, works out of Portland, Oregon, where he is a Forester for the U. S. F. S.

**James E. Oberg**, informs us from Tacoma, Washington, that: "During the past year, I joined the staff of New Business Research at Weyerhaeuser as a Venture Analyst. What is a Venture Analyst? I guess the best way to describe the position is that the Venture Analyst is engaged in seeking out NEW Business areas that represent good opportunity for the corporation to diversify and grow!"

**Howard W. Vennirs** is an Inspector for the Western Electric Company in Indianapolis, Indiana. He writes: "Our family on December 30, 1973 was lessened by one due to the loss of my wife, Rhoda, taken by leukemia within a two-week illness. Myself and the three children have managed well through the many adjustments. My job, Lions, church choir, etc., and the kids activities plus the housework keeps one father real busy. Hope to report better news next year."

#### Harvest of 1954

**Jerry Angier** is employed as a real estate broker by United Farm Agency in Lake City, Minnesota.

**Harlan G. Freeman** orders his Peavey from Seattle, Washington.

**Glenn Park** sends us word from Denver, Colorado. He writes: "Dear Ken: Just a short note. Changed jobs in October. I am now the Assistant Director at the Denver Botanic Gardens. Finally made it back to the West. Weather really great. Mountains are beautiful and job is wonderful. Helen likes it also — especially the weather. Come out to Colorful Colorado if you can break away and stop and see us."

**William F. Warner**, who resides in New Providence, New Jersey, is the Department Chief of Purchased Products Inspection for Western Electric Company.

**Dennis G. Wood** is the President of Coulee Region Enterprises, Inc., in Bangor, Wisconsin.

#### Harvest of 1955

**Donald C. Markstrom** reports from Fort Collins, Colorado, where he is employed by the U. S. Forest Service, Rocky Mountain Forest & Ranger Experiment Station.

**Lincoln A. Mueller** is retired from the Forest Service, lives in Fort Collins, Colorado, and writes: "Spent a most delightful April and May in Brazil consulting for The International Executive Service Corps. on modernizing reforestation and harvesting of eucalyptus and charcoal production practices."

**James E. Sheppard**, who resides in Hot Springs, Arkansas, is a Woods Manager — Central Arkansas Region, located in Mountain Pine, Arkansas.

**Eugene R. Strommen** is the Managing Director of the St. Paul Winter Carnival in St. Paul, Minnesota. He writes: "Greetings . . . Saint Paulites continue to respond in record fashion to its oldest civic celebration, so it is only fitting that its alumni do likewise with the Gopher Peavey, the U's oldest alumni publication. How about combining Forester's Day with Winter Carnival? Could be great for both activities! We have room for some robust foresters

as Vulcans as well! 1975 would be a good year for the class of 1955 to celebrate 20 years of accomplishments. Let's make it our year, Curt Solly, Karl Westerman, Roger Zaring, and we'll even take some from either side, if Bud Vandercar, Don Andraesen, Glenn Koepke, Rog Coffman, Farnum Nichols and Rolf Wunder are still in mailing distance. Best wishes to the new students enjoying all the new innovations in St. Paul. I hardly recognize the campus, but have not forgotten it."

#### Harvest of 1956

**Sidney L. Carlson, Jr.**, lives in Portland, Oregon, and sends us this word: "On December 1, 1974, I retired from the lumber and plywood business and bought a hardware store. Put in over 18 years with Weyerhaeuser, Potlatch Forests, and Boise Cascade, all fine companies, but it is really great to be on my own."

**Roger Coffman** works as an Estimator and lives in Burnsville, Minnesota.

**Philip Mason Opsal** is employed by the Jason Association Inc., Consulting Wood Technicians of Fort Collins, Colorado.

**Don Paulson**, who lives in Minneapolis, Minnesota, is a teacher at Jefferson Junior High School, in Minneapolis.

#### Harvest of 1957

**Dale L. Harthan** is a District Ranger with the U. S. Forest Service in Meeker, Colorado.

**Robert L. Herbst** reports "Continuing the exciting and enjoyable challenge of being Commissioner of Natural Resources for Minnesota. Enjoy visits to campus and speaking to several classes. Best wishes to Dick Skok in his new job."

**Timothy B. Knopp** is employed by the University of Minnesota where he is an Assistant Professor for the College of Forestry.



You've planted the seed, nurtured the trees, cultivated the forest, and harvested the lumber. Now some of your hard work is in the form of paper. Make the most of it.

Good printing makes good paper look better.

#### MIDWEST QUICK PRINT SYSTEMS

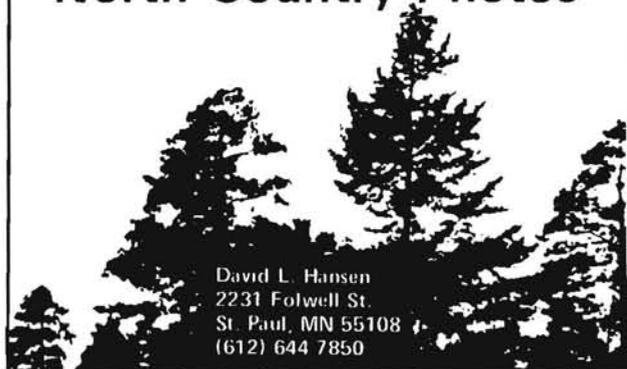
EASTSIDE: 2520 E. Hennepin Ave., Minneapolis. 331-6842

DOWNTOWN: 5th & Hennepin Ave., Minneapolis. 339-1012

FRANKLIN: Franklin & 4th Ave. S., Minneapolis. 874-1812

Cover Photography Courtesy

## North Country Photos



David L. Hansen  
2231 Folwell St.  
St. Paul, MN 55108  
(612) 644 7850



# BURGER BROS.

Service oriented stores, specializing in quality equipment for fishing, camping, hunting, canoeing and cross-country skiing.

## TENTS

We carry over 44 different tents to fit anyone's needs or budget.

Tents From: Sierra Designs  
North Face  
Jan Sport  
Alpine Designs  
Eureka

## FISHING

Our fishing departments are stocked with quality equipment, for all types of fishing styles and fishing conditions. But more important our staff is highly qualified and can relate to usage and technique.



## PACKS

Our camping departments have some of the finest rucksacks and frame packs available from manufacturers such as Kely, North Face, Sierra Designs, Jan Sport, Alpine and Camp Trails.

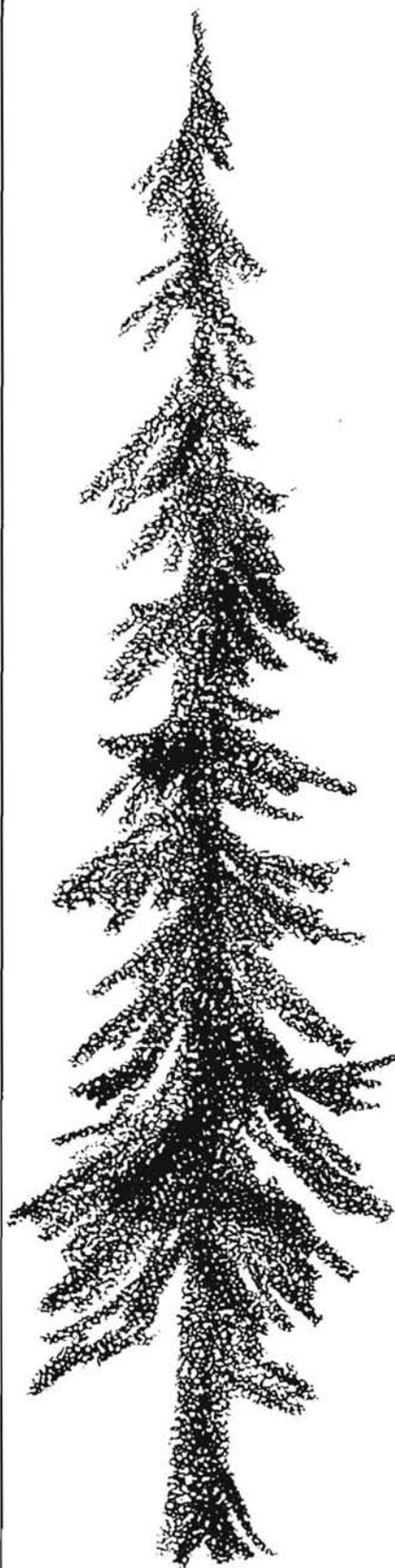
## SLEEPING BAGS

We carry more than 25 different styles of sleeping bags to fit your ultimate needs. Goose down or Fiberfill II.



**"Burger Bros."**

2828 UNIVERSITY AVE. S.E.  
331-1561  
4402 1/2 FRANCE AVE. SO. EDINA  
927-7361



**John H. Ohman** is the Director of the North Central Forest Experiment Station located in St. Paul, Minnesota.

**Thomas W. Roessler**, lives and works in Duluth, Minnesota, as the Manager of the Lake States Office of the Bureau of Land Management. He writes: "I ignored Horace Greeleys' advice and transferred back to the 'old country' to work in BLM lone field office in the Eastern States. Enjoy an occassional visit with Maase, Cliff, Butch et al."

**James P. Roles** is a District Ranger with the U. S. Forest Service in Cassville, Missouri. He writes: "The conversion from Minnesotans to Missourians has not been painful. S. W. Missouri is a fine place. Ironically, 4 of the last 6 foresters on the Cassville district have been Minnesotans. Our newest addition, Dave Reiter, was a recent Minnesota graduate."

**Floyd D. Rudy**, who lives in Esko, Minnesota, is an attorney in Cloquet, Minnesota. He writes: "Still practicing law in Cloquet, Minnesota, and enjoying it very much. I see some of the alumni who are on the Superior or with the BLM in Duluth. There is a standing invitation for any old forester to stop by, say hello, and discuss old times. My wife, Majjaliisa, and I are always glad to see old friends."

#### Harvest of 1958

**Dennis Bakke**, Stock and Bond Broker, writes from his home in Lake Elmo, Minnesota: "Family and business fine. I became a Vice-President of Caldwell Phillips, Inc. this year. Phyllis and I enjoyed a wonderful trip to Scandinavia this past summer. We have much to be thankful for."

**Robert Erickson** is Associate Professor, College of Forestry, University of Minnesota.

**Axel Hansen** is retired in Webster, Wisconsin, but enjoys "fishing, hunting or flying my Mooney aircraft."

**Fred Hoelzel** sends us word from Minneapolis, Minnesota where he is a Realtor for Edina Realty Incorporated.

**Carl H. Reidel**, who lives in Burlington, Vermont, is the Director of the Environmental Program at the University of Vermont. He writes: "'The Reidels' continue to find Vermont an exciting and challenging place to live and work. This small state is on the frontiers of environmental management with some of the nations' most progressive legislation. So, its never a dull place to be teaching and learning. And, it's on the Maine Coast, fall hunting and fishing, cross-country skiing all winter, and only two hours to Montreal. Jean and kids all fine and enjoying having Hugo John here now! Congratulations to the new Dean."

**Richard W. Schneider**, who lives in Grand Rapids, Minnesota, is a Woodlands Manager for the Blandin Paper Company in Grand Rapids. He writes: "Family is fine. Enjoyed renewing friendships with many alumni at Dr. Kaufert's retirement banquet in June. Minnesota graduates Bob Morrow and John Hanson have joined our staff and we are happy to have them with us."

**David B. Thorvd** is an Associate Dean for Natural Resources at the College of Agriculture for the University of Arizona. He writes: "Still enjoying Arizona. We also still have a sizeable Minnesota forestry contingent on our faculty at the University of Arizona including P. Folllott, P. Knorr, D. King, R. Wagle and myself. Somehow, the program survives anyway!"

#### Harvest of 1959

**Egolf V. Bakusiz** is a Professor in the Department of Forest Resources, College of Forestry, University of Minnesota.

**Karl H. Haaser** reports: "Wife and 3 sons; working in U.S.F.S. Inter-mountain R. O., Division of Recreation, Ogden, Utah."

**Bennett R. Olson** orders his Peavey from Anchorage, Alaska.

**Al Schacht** is the Assistant Director for Area Planning and Development Staff Group, Forest Service, and is enjoying the Washington, D.C. area immensely. Wife Judy and boys Eric 11, Steve 9 and Danny 5 are on the go all the time. The boys are quite the sport enthusiasts. Was great to see all the alumni at the SAF Convention in New York. We are planning a March 1975 gathering in Washington, D.C. with Dean Skok. Come this way, be sure to look me up. Hi, Ken.

**Richard C. Trochil** is a Forest Staff Officer with the U. S. Forest Service, in Park Falls, Wisconsin.

#### Harvest of 1960

**Kenneth W. Anderson** resides in North Clarendon, Vermont and is a Lands Assistant with the U. S. Forest Service in Ruthland, Vermont.

**Paul J. Arend** writes from St. Paul, Minnesota, where he is the Manager of Emmer Twin Cities.

**James K. Brown** orders his Peavey from Missoula, Montana.

**Walter E. Glowacki** resides in Palos Heights, Illinois, and works as Superintendent, Screw Machine Shop, Crestwood, Illinois.

**Sam D. Halverson** is a District Ranger with U. S. F. S. in Watford City, North Dakota.

**Vernon E. Oberg** orders his Peavey from Butte Falls, Oregon where he is with the U. S. F. S.

**Louis C. Sudheimer** is in Marketing and is employed by the Conwed Corporation of St. Paul, Minnesota. He writes: "1974 was a good year — our second daughter — Sonja — was a pleasure to watch develop into a crawler and walker. We were also fortunate enough to be sent to Germany to conduct a seven month marketing study of the European Market with one of the firms' Licensers. All the Sudheimers are healthy and happy, and hope this finds you the same."

**James Teskey** reports from St. Paul, Minnesota, where he is with Structural Wood Company.

#### Harvest of 1961

**James A. Brown** lives in Leadville, Colorado, and is Environmental Control Engineer, Climax Moly Company. He sends this word: "Still in Environmental works for the mining industry. Received a certificate of Merit from the Rocky Mountain Section of the SAF in May. Also attended the New York meeting. Wife Karen and our three children are all fine. Hope to get back to Minneapolis for a visit one of these years."

**Gilbert Churchill**, a District Ranger for the U. S. Forest Service in Middlebury, Vermont, writes: "Our family is still enjoying the Green Mountains of Vermont. The Eastern Wilderness Act has given us a new responsibility because the forest administers the "Bristol Cliffs" and "Lye Brook" areas. Public demand for fuelwood remains high but it doesn't even scratch the surface of our supply of low quality hardwood that can't be marketed in Vermont. Perhaps a student now in school will put some attention to this problem and provide the stimulus we need!"

**Ronald D. Lindmark** reports: "In mid-November, 1974, we transferred to the Intermountain Forest & Range Experiment Station where I am Assistant Director. We are enjoying renewing many school contacts. We had a busy summer with work and vacation trips to the West, South, East, and Minnesota. The ski season is now open (Utah Powder) and we are within an hours drive of nine major ski areas so the family is reviewing their ski needs. Look us up when in Utah." (So, Ogden).

**Charles Lowery** resides in Apple Valley, Minnesota, and is Director of Dakota County Parks Development, Hastings.

**Richard A. Madden, Jr.**, home address is Thorne Bay, Alaska. He is resident Forest Engineer for Ketchikan Pulp Company, Ketchikan, Alaska.

**Harrison "Harry" L. Morton**, writes from Ann Arbor, Michigan, where he is Chairman, Fisheries, Forestry & Wildlife at the University of Michigan: "Family now includes 5 children ranging from 11 years to 2. University duties continue in administration, and teaching forest pathology and urban forestry. I enjoyed a very pleasant visit with Ken on our annual summer pilgrimage to the homeland. Keep up the good work on the Peavey — the last issue was the funniest thing I've seen since Paul Manion."

**James G. Newstrom**, who resides and works in Veradale, Washington, as a Safety Management Consultant writes: "Having graduated from the Building Products Curriculum, I have never been close to the area of professional forestry. However, as chance would have it, I now live, after relocating several times in the south and eastern U. S. as well as two European locations, in the state of Washington. I am currently working on a contract basis in Northern British Columbia."

**Richard M. Pederson** is employed by the U. S. Forest Service as a Lands Staff Officer for Superior National Forest in Duluth, Minnesota.

#### Harvest of 1962

**Wendell Beardsley** resides in Ames, Iowa and is employed by Iowa State University, Department of Forestry.

**Wayne L. Gibson** orders his Peavey from Lake Nabagamon, Wisconsin, and works out of Brule, Wisconsin as a Land Agent.

**Adrian E. Hagen** writes to us from La Crosse, Wisconsin, where he is an area forester.

**Jim Hastings** orders his Peavey from Fergus Falls, Minnesota.

**James Herbert** sends us word from Thousand Oaks, California, where he is a pilot for Trans World Airlines. He writes: "Hi, Candy and I have 4 girls now and we have enjoyed staying in contact with a few of the other graduates; Torgerson, Ziegler and Hennessy. Anyone who is coming through Los Angeles area is welcome to stop in. Our phone number is; (805) 492-1180."

**W. C. Kelso, Jr.**, is residing in Starkville, Mississippi, and is employed by Mississippi State University.

**Larry Kirkwood** reports from Tacoma, Washington, where he is the Raw Material Business Planning Manager: "Been a busy year. Family is fine. We hope to be back to Minnesota for a visit this summer."

**James W. Klein** lives in Irving, Texas, and is a Plant Manager in Dallas, Texas.

**James A. Mohler**, writes: "Joyce and I, Ann, Craig, Mary Jennifer and Kathryn are just starting our fourth year in Ascanaba, Michigan (still with U.S.F.S.). Ann's a junior in High School this year and Katy is in the first grade. I'm enjoying timber and wildlife management. The timber industry is booming here in the U.P. and the latest challenge in wildlife is an opportunity to participate in the production of a joint plan being developed by the U.S.F.S. and Michigan DNR. Land Use Planning is here to stay it seems, with the completion of an "Area Guide" for the National Forests in the Lake States, the Hiawatha will soon be involved in writing a Forest Plan. Coordinating conflicting demands on a limited land base is a real job! We also have a 10-year timber inventory in process, and will be working on a new TM plan next year. We're trying something relatively new this go around — rather than using temporary plots, we're using compartment exam data as the basis for the plan."

**Lawrence R. Revier** writes from Waubun, Minnesota: "We were in the wet spring and summer drought area so we had very poor crops with only 70% of our land seeded. We are now looking forward to snow and our favorite sport which is snowmobiling. I often wish they would have been 10 years sooner! Oh, to have had one of those when we were at Cloquet, huh, classmates?"

**Robert H. Strand** reports to us from Roswell, New Mexico, where he is an attorney. He writes: "Presently engaged in private law practice in Roswell, New Mexico. I still maintain an active interest in the forestry profession and am serving this year as Vice-chairman of the Forest Resources Committee of the American Bar Association Section of Natural Resources Law."

#### Harvest of 1963

**W. L. Brown** lives in Brainerd, Minnesota and is Area Manager for Potlatch Corporation there.

**Richard A. Fihn** writes: "Still up on the farm at Dalton. Was fun to get down to Minneapolis and see old friends at Doc's retirement. Dave Mabraten (B.L.M. Alaska) dropped in at Christmas time. Am doing carpentry work and recently landed an out of sight job — building a Bar — coffee breaks are something else. Anyone going west on I-94 stop in. We are just a couple miles off the Dalton exchange."

**Richard Foster** informs us from Clayton, Idaho where he is "Assistant Ranger, Yankee Fork Ranger Station, Challis, New Foundland. New addition: Stephanie Susanne, born December, 1973."

**Darrel L. Kenops** is a Silviculturist on a Land Use Planning Team in Sandpoint, Idaho. He writes: "Greetings from North Idaho. Last year has been a busy one for the Kenops clan. Three of our four children are in school and growing by leaps and bounds. We spend many pleasure filled hours in our boat on Lake Devil Orielle. Professionally it has also been a busy year. Presently serving on the SAF continuing education committee am chairperson elect of the Inland Empire section (SAF). Also was recently elected to our school board; an interesting challenge in itself. Looking forward to another excellent Gopher Peavey."

**Philip N. Knorr** is employed by the University of Arizona, Tucson, Arizona, as a Professor of Forestry for the School of Renewable Natural Resources.

**Vilis Kurmis** lives in Minneapolis, Minnesota, and is employed by the University of Minnesota where he is an assistant professor for the College of Forestry.

**Jacques W. Wesson** is employed as a Cartographer in St. Louis, Missouri. He writes: "Don't remember when I last updated — still working at the Defense Mapping Agency Aerospace Center in St. Louis, Missouri — now working with mini-computers in automating the process of compiling maps. Very interesting work and I really enjoy it. Family — wife and 2 sons — one 5 and one 2. Bought a house last summer; appears we're in St. Louis for good. Working with several ex-foresters — one in the car pool from the University of Maine, Class of '63. Best of luck!"

**James L. Whitney** writes to us from Milwaukee, Wisconsin, where he is employed by MacGillis and Gibbs Company, in sales.

#### Harvest of 1964

**Larry Leigh Christian** writes from Blooming Prairie, Minnesota: "I quit Wisconsin DNR in August of 1973, forgot to get my Peavey ordered last year that's why it wasn't mentioned there. Trying to make a living selling prefab houses "Weston Homes." Sold my first house 1 year and 4 days after quitting my job with DNR. Business is slow!"

**Alan R. Ek** sends word from Madison, Wisconsin, where he is Assistant Professor, Department of Forestry, University of Wisconsin.

NATURAL RESOURCES  
MANAGEMENT CORPORATION  
NRM

Multi-Disciplinary Consulting,  
Research and Management in  
Natural Resources

P.O. Drawer 1247, 1434 Third St., Eureka, Calif. 95501  
(707) 442-1735

## Lido Cafe



*"Over 18 years*

*a tradition in Italian & American food."*

646-2656 1611 W. Larpenteur

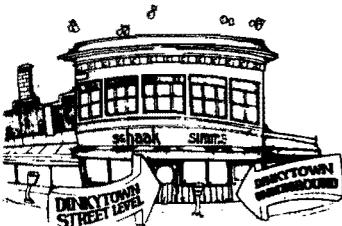
### Wholesale Distributors

SERVING THE MIDWEST OVER 99 YEARS

## YOUNGBLOOD LUMBER COMPANY

1335 Central Avenue

Minneapolis, Minnesota 55413



**Simms**  
HARDWARE  
411 14th Ave. Southeast  
331-1231

- Paint
- Glass
- Hardware
- Electrical
- Plumbing
- Window repair
- Picture frames  
made to order

# U of M FORESTRY CLUB

Gentlemen and Ladies:

Again this year the activities of the Forestry Club have been a story of continued success. This success does not just happen; it takes cooperation and planning.

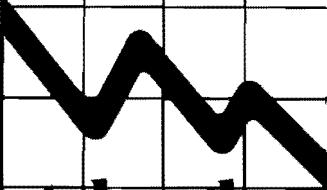
So with this in mind, we wish to sincerely thank all who participated and cooperated in the following activities:

- |                             |               |
|-----------------------------|---------------|
| INTRAMURAL SPORTS           | FORESTERS DAY |
| CHRISTMAS TREE PROJECT      | CANOE TRIP    |
| MIDWEST FORESTERS' CONCLAVE | FALL BONFIRE  |
| MANAGEMENT TRIP             | FIREWOOD CUT  |



*The Forestry Club*

**BUDGET  
HELPER**



**takes the  
lumps  
out of  
utility bills**

**NSP**

**TWIN CITY  
HARDWOOD  
LUMBER  
COMPANY**

*Hardwood Lumber  
and Plywood*

WHOLESALE DISTRIBUTORS

Fargo, North Dakota

St. Paul, Minnesota

**M  
A  
N  
N  
I  
N  
G  
'  
S  
,  
CAFE**

**2200 Como S.E.**

*Enjoy:*

★ Perfect Tap Beer!

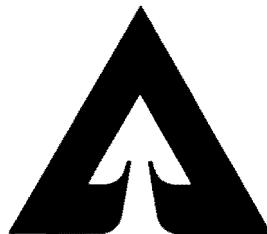
Also: Delicious Barbequed Pork  
Ribs, Pizza, Italian Spaghetti,  
Fried Chicken, Steaks, Dinners &  
Hamburgers

Saturday Night Special –  
Spaghetti - all you can eat \$1.50

★ Parking in Rear!



America has but one renewable, natural resource. Trees. Weyerhaeuser Company grows trees. We continually replace what has been harvested to strike an equitable balance between the needs of humanity and its ecological demands. Right now, Weyerhaeuser Company has 5.7 million acres of forest in all stages of growth under its High Yield Forestry plan and we will plant 100 million seedlings in 1975. We intend to keep America green and growing.



**Weyerhaeuser**

**David R. Fischer**, his wife, Sandra, and daughters, Suzanne, 12, Jennifer, 9, and Melissa, 5, are making their home in Avery, Idaho, where he is a Forester with U.S.F.S., working out of the Avery Ranger Station.

**Robert Hance, Jr.**, informs us from Willow River, Minnesota: "The past year has been one of change and challenge for the Minnesota DNR as the reorganization under Regional Administrators begins to take hold. The Forestry discipline has undertaken an expanded tree improvement program with the construction of a new greenhouse at the Nursery. Sites have been selected and prepared for white spruce seed orchards and work has begun along the same lines for black spruce. Future work is planned for jack pine, red pine, and black walnut. It has been a pleasure to have Doctor White's Cloquet class and the Forestry Club tour the nursery this past year. Hope to see more of you in the future. The family still numbers 3 boys, who are now 5, 8, and 9, and full of energy."

**Gary R. Nordstrom** sends us word from Columbia, Missouri, where he is employed as a Forester for the Soil Conservation Service. He says: "I left the Pacific Northwest in July and moved to the state woodland conservationist job with the Soil Conservation Service. If you're travelling through the Ozark's, stop and say hello."

**David Schreiner** is with the U. S. Forest Service in Rutland, Vermont. He writes: "In February of 1974, Bonnie and I traveled here to Rutland, Vermont. We love the Green Mountains and the people are friendly. This is a small forest, so my survey 'crew' consists of one forester (a girl)!"

#### Harvest of 1965

**Gary Bergstrom** writes: "This year finds us, wife Lorene and three children, Cari, Thor, and Cally, in Pendleton, Oregon. I transferred to the Umatilla Supervisors Office as Logging Specialist, a very interesting job. Remember the door is open and the coffee is on at our house, drop by when in the area."

**Dennis H. Berry** reports from Bozeman, Montana: "Resigned my position with the Gallatin National Forest and am presently enrolled at Montana State University in Bozeman. Will be starting at the School of Law in Missoula next fall, with the goal of practicing environmental law in Montana in a few years. Gaye will also be enrolling at Montana next fall in a two-year doctorate program (Education/History). Looks like we will both be enmeshed in academia for awhile."

**Robert Gilbertson** writes to us from Cantwell, Alaska.

**Eugene F. Karel** writes from Stillwater, Minnesota, where he is a Planner with the Minnesota State Planning Agency.

**David Lothner** is employed as Associate Market Analyst, U. S. F. S., Duluth, Minnesota.

**Dwight Medbery** lives in Tampa, Florida, and wrote the following: "Jim Walter Research Corporation, Sr. Research Forest Products Engineer, Product/Process development of new and improved building products for residential and factory built housing. Married, two children."

**Steve Morton** reports from Concrete, Washington: "Have two daughters, ages 4 and 6, and the same lovely wife I started with. Enjoying my job moving around to four locations in the Northwest. The Forest Service in Region 6, while undergoing a period of rapid change, still provides a constantly challenging and interesting career and is one of the best organizations to work for. My former Mt. Baker Forest Supervisor, Jim Torrence, now heads your Superior National Forest in my hometown of Duluth. Be glad to see or hear from any of my classmates."

**R. H. Roberts**, who is a Senior Forester in Ironwood, Michigan, writes: "Greetings from the Banana Belt. We're all doing fine. Suzanne still works at the local hospital one day a week.

Kara is in kindergarten this year and Eric attends pre-school. We had a good winter in 1973-74 — only 100" of snow. This one has an ominous beginning — we're approaching 40" and it's not even December yet. Hello to all of you guys — stop when you are in Ironwood. I want to wish Dr. Skok the best in his new job and congratulations. I think the school made an excellent choice. Also best wishes to Dr. Kaufert!"

**Craig M. Smith** reports to us from Coaldale, Alberta, where he is on the faculty of Environmental Science at Lethbridge College in Lethbridge, Alberta. He writes: "In the last two years the Smith family has had a fair bit of excitement. I spent part of 1973 as Director of the Manitoba governments "Resources for Tomorrow Program" — a 12 million dollar open space preservation — environmental education program. Later in the year I was offered a position with the faculty of environmental science at Lethbridge College in Alberta. The chance to get back to the mountains and full-time into conservation education was overpowering so we made the move to Alberta. Our curricula are two-year programs offering diplomas in Renewable Resource Technology, Conservation Enforcement, Recreation Land Management and next year we'll begin a new program I've been working on — 'Land Use Planning Technician'. We're ideally situated where the prairie meets the Canadian Rockies about 50 miles from Waterton National Park. Our field trips take advantage of the situation. I've been teaching Forest Resources, Map and Air Photo Interpretation, and seminars. It's an interesting program. Our family has met with some of the other Forestry grads during the last year, including Jim Potton who is here in Alberta, Dave Abell in Montana, George Miller, Carl Wegner, John Eschle, Don Cheeley, Bob Hennessy and Chuck Wick. Wish we could meet more of the old gang. Bobbie and I hope anyone travelling through Alberta will give us a call."

#### Harvest of 1966

**Chad Converse** is employed by U.S.F.S. as a Resource Management Assistant in Wrangell, Alaska.

**Jake N. Licke** is employed as a Forest Consultant in Nevis, Minnesota, and writes: "Presently Chairman of Minnesota Land Exchange Review Board and Director of Headwaters Region Environmental Education Council — retired from U. S. Forest Service, Division of State and Private Forestry."

**Marvin C. Meier** reports: "I am the staff hydrologist for the State and private arm of the Forest Service and am stationed in Washington D.C. My wife and I and 3 daughters (8, 6, and 2) live in Annandale, Virginia."

#### Harvest of 1967

**Terrance M. Costello and Carolyn S. Costello** write to us from Dietrich, Idaho: "Have added one mare and 25 chickens to mini-farm operations: one child to household. Deer season was productive this year. Evil Kneivel was a bust (for everyone but him!). Enjoyed a visit to Minnesota in September." Terry is an employee of the Bureau of Land Management, Shoshone District, Shoshone, Idaho and works as a Recreation Planner.

**Mark J. Goebel** informs us from Berlin, New Hampshire, "My family (two boys and one girl) and I have just arrived in Northern New Hampshire, transferring from sunny Missouri. I am the Recreation Assistant on the Androscoggin Ranger District of the White Mountain National Forest. I have a very unusual job with the Forest Service, dealing with avalanches in Tuckerman Ravine, year round mountain hiking and climbing in the Presidential Mountain Range, snow ranger at Wildcat Ski Area (2,000' of drop and one run 2½ miles long!) and one very large recreational complex (Dolly Copp). Also have the Great Gulf Wilderness here, too! The new timber assistant on the District is Paul Lundberg, a good Minnesota Forester. It is already feeling like home, except for -60° wind-chill days up in the mountains."

**Edward Nach** is employed as an Assistant Area Forester in Wisconsin Rapids, Wisconsin.

**Martin K. Nelson** writes from Prudenville, Michigan, where he is Assistant Area Forester with Houghton Lake State Forest, Michigan.

**Harold Scholten** is an Associate Professor at the University of Minnesota in St. Paul, Minnesota.

#### Harvest of 1968

**Ernest E. Anderson** is a Forester with the Bureau of Land Management in Ukiah, California.

**Gary Ewert** writes from Cambridge, Minnesota, where he is employed by the Soil Conservation Service.

**Paul T. Fuchs** lives in St. Paul, Minnesota and is Managing Director — Public Housing, Minneapolis Housing and Redevelopment Authority.

**Duane J. Hanson** is a forester in the Green Mountain National Forest in Rochester, Vermont. He writes: "Hi — Nancy, Andrea (4), Deanna (2) and yours truly. Enjoying New England very much. Had the best vegetable garden of our lives. Considerably warmer than the "North Shore" and relatively bug free. We came east in April 1974 from the Inventory Crew on the Superior National Forest to join the Inventory Crew on the Green Mountain National Forest in September, 1974. I took the TMA job at the Rochester (Vt) District. Am enjoying the timber and wildlife work immensely. Also have Sugar Bush and Glen Ellen ski areas on the district. Fishing is good in the streams with trout being the king. Bucks only deer season, saw many does. Have seen much of the Northeast from Montreal to Boston to New York, with more to see. Many University of Minnesota graduates out here with more coming. Had a University of Minnesota reunion at Carl Reidel's home last fall and plan a get-together this spring. We shall get back to Green Hall this year. See you then."

**Cal Kerr** is a Pre-Sale Forester in Ketchikan, Alaska and writes: "Left sunny central Oregon for coastal Alaska in September; from 13" of rain to 13"! Currently attending Oregon State to learn something about logging engineering — then back to the brush."

**Dennis T. Schweitzer** is working in Forest Service Research in the Forestry Sciences Lab in Missoula, Montana. He writes: "I am currently Project Leader for Forest Economics Research in the Intermountain Forest and Range Experiment Station. Stop in and see me."

**Nick Vagle** writes us from Quilcene, Washington, where he is a District Silviculturist with the U.S.F.S. He says: "Connie, Jay and I are all doing fine. We moved to Quilcene in March and we really like it here. I really enjoy my new job. I still get to see Roger Skistad once in a while."

**John T. Varro** works as a forester in the Chippewa National Forest and lives in Talmoon, Minnesota. He writes: "I just returned from 13 months in Mississippi and Alabama working as a land appraiser for the U. S. Army Corps of Engineers. Last May, I married a wonderful girl from South Carolina. In mid-March I brought her back to Northern Minnesota for the tail-end of the winter. It's great to get back to forestry and the forest service."

#### Harvest of 1969

**Peter M. Zech** sends us word from Eugene, Oregon, where he is a Timber Procurement Manager for the L. D. McFarland Company.

**Michael W. Carey** lives in Shawnee Mission, Kansas. He is employed as an Outdoor Recreation Planner for the U. S. Army Corps of Engineers in Kansas City, Missouri.

**Steve Cornailler** writes to us from Goldsboro, North Carolina: "I graduated in May with my Masters degree in Business management. I am actively seeking work in ski area management somewhere out west. Kathy tells me it is my turn to support us for awhile. She wants to retire after 4½ years of teaching to pursue

other goals (motherhood!) Hello to all our forestry friends at Green Hall and elsewhere in the U. S."

**Terry Helbig** informs us: "I'm completing my fifth year in "The Great South County," I find more challenges and opportunities for Forestry here than ever before. Over the last year several of the more recent graduates of Green Hall have been assigned here as trainees and I have enjoyed working with them. Hardwood Management in Minnesota is still in its infancy so many of our management practices are still somewhat experimental; or, as a publication I once read put it, 'More research is needed.' Terry T. says hi to all our classmates and invites them to stop by whenever they are in the area."

**Eugene Miller** sends word from Petersburg, Alaska, where he is a Pre-sale Forester, U. S. Forest Service.

**Charles A. Nelson** resides and is employed in Sioux Falls, South Dakota. He is employed by EROS Data Center.

**L. C. (Chris) Peterson** is employed as a Chief Forester in Blandin Woodlands, in Grand Rapids, Minnesota. He writes: "October was a joyous month for Biz and myself as Britta Elizabeth was born. A large, healthy, noisy baby girl — she must take after her mother. Still working on our retirement home and I'll probably be retired before I finish. Anyone travelling through Grand Rapids please look us up."

**Bruce Rottink** sends us word that he is a Research Biologist with Dow Corning Corporation. He lives in Midland, Michigan and says: "I finally completed my Ph. D. in April, 1974. I am presently working at Dow Corning on an antitranspirant which has proved effective in increasing survival of outplanted Douglas-Fir. It is also being tested as a means of increasing streamflow in a watershed in Idaho. As a result I flew to Idaho 5 times this past year for a total of 7 weeks to work in the forest. My wife, Karen, continued to teach High School English here in Midland."

**Kenneth Sloan** reports to us from Lake Nebagamon, Wisconsin, where he writes: "Married, 2 children (boy 3½, girl 7½). Started Wisconsin DNR in 1970 at Tomahawk; transferred to Brule River State Forest in 1972 as Assistant Forest Superintendent, now acting Forest Superintendent."

**Charles G. Tauer**, who lives in St. Paul, Minnesota, is a Research Assistant at the University of Minnesota.

**Steve Weekes** lives in Buffalo, Minnesota and works in Minneapolis where he is a Sales Manager for Gabler-Sage Lumber Company.

#### Harvest of 1970

**John L. Adams** sends us word from Sitka, Alaska, where he is employed as a hydrologist with the U. S. F. S.

**Erwin R. Berglund** reports from Corvallis, Washington where he is Extension Watershed Specialist, Department of Forest Engineering, Oregon State University. He writes: "Greetings from soggy Oregon. We have had a beautiful year. Remember Sven, our 3 year-old? Well he now has 2 sisters. Our identical twin girls, Ingrid Sue and Emilie Jo, were born September 18. That is our best news. Stop by and visit us so we can shoot-the-bull about the rest."

**Kim Elverum** writes: "My wife and I have just purchased a home in Golden Valley. Still working for the Minnesota Department of Natural Resources' Bureau Information and Education in St. Paul."

**Thomas A. Fink** orders his Peavey from Delano, Minnesota.

**Richard A. Frick** is a Hearing Aid Technician for Starkey Laboratories, St. Louis Park, Minnesota.

**Bruce Fuller**, a City Forester, Park and Recreation Department Winona, Minnesota, writes: "My family and I have placed our roots here in God's country. Would welcome a visit from any of

COMPLIMENTS

of

ST. PAUL CHAPTER, NECA

National Electrical Contractors Assn.

(Electrical Industry Board of St. Paul, Minn.)



FOR EVERY TYPE OF  
BUILDING MATERIALS

- FENCES
- GARAGES
- PANELING
- PAINT
- POSTS
- HOME PLAN BOOKS
- HARDWARE
- INSULATION
- ROOFING
- MILLWORK
- PLYWOOD

- LOTS OF PARKING SPACE -

**OXBORO  
LUMBER CO.**

881-8659

9421 LYNDALE AVE. SO.  
BLOOMINGTON, MN.

**Thompson**

**Hardwood**

**Lumber Co.**

★ ★

9925 Logan Av. So.

Bloomington, MN

881-5853

**CAMPUS  
TYPEWRITER  
HEADQUARTERS**

SALES - SERVICE  
RENTALS  
SCM - OLIVETTI  
ADLER



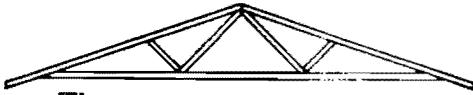
New & Used  
Electric & Manual  
Typewriters

**CRANE'S**

office & school  
supply co.

331-5969

1417 4TH STREET, S. E.  
MINNEAPOLIS, MINN. 55414



**The Villaume**  
**INDUSTRIES**  
 2926 Lone Oak Circle  
 SAINT PAUL, MINN. 55121  
 454-3610  
**INDUSTRIAL WOOD PRODUCTS**  
 PALLETS - ROOF TRUSSES - WALL PANELS



**U.S. Plywood**  
 Division of Champion International

2871 West Service Road  
 Eagandale Center Industrial Park  
 St. Paul, Minnesota 55121  
 Telephone: 454-6484

Ed Plante '48  
 John Bergeron '49  
 Mel Hougen '50  
 Bob Wallin '50

Bill Healy '67  
 Bob Sheppard '57  
 Martin Erickson '65  
 Dale Blomberg '73

# Power Tools Inc.

*Distributors of*

## McGULLOCH CHAIN SAWS

3771 Sibley Memorial Highway  
 (Highway 13)  
 St. Paul, Minnesota

### 15 MODELS AVAILABLE

- LIGHTEST WEIGHT
- EASIEST STARTING

Sales and Service available from more than  
 300 dealers in this area.

Bridgeman the Tiger says—

## Think Treats



Malts

Cones

Triple Treats

Banana Splits

Tulip Sundaes

Take-Home Treats



2264 Como Avenue  
 644-9393

Monday—Saturday 7 A.M. to 11 P.M.  
 Sunday 9 A.M. to 11P.M.

## NORTHERN TIMBER COMPANY

Forest Products Since 1915

Conservation  
 is wise use  
 as well as  
 preservation  
 of natural  
 resources

Division  
 Burns Manufacturing Co.  
 Aitkin

The forest is a  
 basic resource  
 that is  
 absolutely  
 renewable  
 and one which  
 can actually  
 be increased

Lansin Hamilton '53, Pres.  
 Richard Peterson, '66, Forester

Canoe Trips  
 on the St. Croix

Boats and Canoes  
 for Rent

## MARINE BOAT & CANOE SERVICE

MARINE-ON-ST. CROIX, MINN.

Phone: 433-2864

Boat Dockage • Light Lunches • Marine Gas

Pat & Sid Cornell

you who pass this way and care to hang your hat at Lefty's humble abode. With the concern for Dutch elm disease and oak wilt in this part of the country Urban Forestry is a growing career field. A harmonious, aesthetic, maintenance free boulevard and park tree program is a challenge for any man in our field."

**George Hudler** a Graduate Research Assistant at Colorado State University — Botany Department, writes: "Am continuing graduate education under Dr. Frank Hawksworth after successful completion of M. S. with Dr. French at Minnesota. The mountains are beautiful but don't begin to compare with a sudsy beer at Mannings!"

**Dennis McGown** reports: "Upon graduating in 1970 I was immediately drafted by the Army and fled to the Air Force where I spent nearly four years mostly teaching chemistry. My wife and I presently reside in Wichita Falls, Texas where I work as Chief Medical Technologist in a private laboratory. Some of my responsibilities are: running a quality control program for twelve surrounding hospital labs, conducting training seminars, and monthly inspections. I also am teaching an evening course at Midwestern University here in town, and am in the Masters — Biology program. I doubt that I will ever work in the forestry profession, because I love the work I'm doing now in the field of health care sciences. I still feel as though I'm a forestry graduate though and would like to make an appraisal: Ones education never stops, but I feel the education available at the College of Forestry is one that will benefit the graduate in whatever he endeavors."

**Robert W. Morrow** works and resides in Grand Rapids, Minnesota. He is Area Forester for Blandin Paper Company.

**John Potyondy** who is a graduate student at the University of Minnesota writes: "By the time you read this, I should have my M. S. in forest hydrology and hopefully will have found gainful employment. I spent last summer in Cordova, Alaska doing a study of the effect of the 1964 earthquake on the vegetation and hydrology of the Copper River Delta for the Pacific Northwest Forest and Range Experiment Station though a cooperative aid agreement with the college. It was an interesting and enjoyable experience and I highly recommend that you try to see Alaska before the oil companies get through with it. It is truly America's last frontier."

**Michael Rath** sends us word from Medford, Oregon where he is a Forester, BLM in the Medford District. He writes: "Since the business failed, Lyn and I decided we would take it easy for awhile with a government job. Although working for the BLM in Medford, isn't nearly as exciting as working for myself, I am enjoying the slower pace and the country here is beautiful."

**Timothy M. Resch** writes this news: "Am back in school working on a Masters in Silviculture at Colorado State University — Fort Collins, having jumped upon the containerized seedling bandwagon. Am enjoying my bachelor life to the chagrin of some friends and relatives."

**Jack Thompson**, who lives in St. Paul, Minnesota, writes: "I'm really enjoying being back in Minnesota after two years in Turkey with the U. S. Army. Am considering either going back to school in Education or there's a possibility of going to Ghana, West Africa in April and starting an Agricultural High School there. Best wishes to the class of '70."

#### Harvest of 1971

**Doug Aasen** informs us from Columbia Heights, Minnesota, that he is the Assistant Manager of a Mr. Steak restaurant.

**Douglas J. Anderson** sends us word from North Bend, Oregon, where he is a District Forester for the Weyerhaeuser Company. "My wife Kati and I have a baby due on December 21, 1957. We are diligently working on our house in preparation for the event. I'm working in regeneration in more ways than one. Weyerhaeuser keeps me busy, planting, controlling brush and so

on. Hey oh! from us to all Minnesota grads. Our address may change. We may be off to Borneo in January."

**Malchus B. Baker, Jr.**, is a Research Hydrologist at Rocky Mountain Forest and Range Experiment Station, Forestry Science Lab, Flagstaff, Arizona.

**Beth G. Montgomery** reports from Minneapolis, Minnesota: "I have been extremely pleased with a move to the Research Department of Northrup King. I now look forward to the work carried on each day. I am learning a great deal and enjoying being a part of research work in the seed industry. As always, involved in night school and I also attended Summer Session II at the University this summer in Special Education for mentally retarded children. It greatly increases my awareness of the problems of others. Mike is completing his degree in Computer Science and then who knows where we'll be!"

**Dick Olson** is a forester with the Boise Cascade Woodlands Company in International Falls, Minnesota.

**David Peterson**, who lives in West Concord, Minnesota, is employed by the Soil and Water Conservation District located in Dodge Center, Minnesota.

**Chen-Fu Yang** is a student at the Department of Forest Products, College of Forestry, Seattle, Washington.

#### Harvest of 1972

**Richard P. Axtman** reports from Minneapolis, Minnesota: "I am seeking employment with the Minneapolis Parkboard and Bloomington Recreation Department. My brother, Mike, (graduated Forestry 1971) is Claims Manager at American Hardward Mutual Insurance Company, Minneapolis." Richard is presently Sales Manager for Star Bowling and Golf Supplies, Inc., of Bloomington, Minnesota.

**Lee E. Christensen** sends us word from Happy Jack, Arizona: "Transferred from Blackduck (Chippewa N. F., Minnesota) to Happy Jack, Arizona in January of 1975 where I am a certified Silviculturist on the Coconino National Forest. Have one little girl, a year old."

**Lawrence J. Donovan** sends word from Greenville, California where he is a Forester with the U. S. Forest Service: "Hi guys. Have moved from windy Montana to sunny California. If you're ever in the area, stop by. Oh yeah 'Remember the North Stars.'"

**Benjamin Engelking** reports from Missoula, Montana where he is Project Chemist, Hoerner-Waldorf Company: "Project work at large paper mill concerning waste water control and treatment."

**Steven W. Hallgren** writes: "I terminated two years of Peace Corps service in Morocco and returned to the United States in August. Although it was not hard to readjust to America, the affluence was shocking after two years in a poor country. More important, there seemed to have been a change in the people during two years, Americans were less dynamic and optimistic and very disillusioned. Fortunately plans were realized and I found a job in forestry, a position with Weyerhaeuser Company's Forestry Research Center — Centralia, Washington. The job is short-term, one to two years, as I have plans to enter graduate school in Forest Ecology."

**Richard Halstead** is Agricultural Research Technician, U.S.D.A. and writes: "I spent two months traveling the western U. S. collecting wild oats, not sowing them. Agricultural Research is interesting, but it is not Forestry."

**Jeffrey F. Herrett** is employed as a Hydrologist, U.S.F.S. Shasta-Trinity N. F., Redding, California.

**William C. Hipp**, a Forester with U. S. F. S. in Challenge, California, writes: "No news — hi to Ken and all the rest. Anybody going

through the welcome mat is out and beer is in the fridge."

**Daniel W. Hurley**, is Associate Research Wood Technologist at International Paper Company, Mobile, Alabama.

**Greg R. Johnson** writes from Fort Collins, Colorado: "Greetings and good luck for another successful Peavey! Working to complete M. S. in Earth Resources (remote sensing) by this June so I can join the ranks of the unemployed. Time this winter is divided between research and enjoying the countryside of the Colorado mountains via cross-country skis. Hello to 'Boch', 'T.P.', 'Hockey Puck', and others from '71, '72, '73. Special greetings to Ken, Arnett Mace, and Merle Meyer."

**Dennis G. Kanten** is a Forester for the U. S. Forest Service in Two Harbors, Minnesota, and writes: "We have been in Two Harbors for about 1 1/2 years. I am presently in the O.R.S. position of the Two Harbors District of the Superior National Forest, involved mainly in Compartment Exam, Recreation, and Reforestation. On December 31, 1974, we had an addition to our family - our first child - 16 lb. 10 oz. little girl!"

**Brian F. Marinello** sends this word: "Greetings from Wisconsin! Still with Wisconsin DNR here in Chippewa Falls. Work keeps me busy most of the time. One sure gets into a lot of different projects in this position: from setting up timber sales to working with snowmobile trails. It's a challenge trying to keep everyone happy! Well, if any of you get over this way, look me up!"

**Timothy P. Probst** is employed as a Yard Foreman with Marcell Lumber in Marcell, Minnesota.

**Mark L. VanTassel** is a forester in Superior National Forest in Ely, Minnesota.

**Patrick J. Weicherding** is employed in Virginia, Minnesota, by the Agricultural Extension Service. He writes: "Still anxiously awaiting the arrival of the stork on or around Christmas - our first! Other than that I'm still actively working as a County Agent and have some new ideas to work on in forestry publications for the future. Say hi to Ken!"

#### Harvest of 1973

**Gene Ahrendt** writes: "Greetings from Centennial, Wyoming where I'm employed by Uncle Sam's Forest Service on the Medicine Bow N. F. Good Luck with the Peavey!"

**Michael Appel** writes: "I was married in May of 1973 and my wife and I presently reside south of Aitkin in a trailer house. I am employed by the County of Aitkin as a Deputy Assessor. The job deals with building and land assessment for tax purposes. My forestry training comes in handy when doing metes and bounds descriptions and photo interpretation. My wife is a beautician and manages her own shop at home."

**Jim L. Bowyer** is an Assistant Professor at the College of Forestry, University of Minnesota.

**Ronald R. Christensen** is a Research Assistant at the College of Forestry, University of Minnesota.

**Donald K. Golnick** is employed as a Forester at the Mad River Ranger Station, Bridgeville, California.

**Ralph R. Gröling** reports from New Orleans, Louisiana where he is a Port Operations Officer in the U. S. Army - Transportation Corps. He writes: "Hello to everyone in Green Hall. I'm still in Uncle Sam's Fine Green Machine. Have recently put in for two more years - in Germany! Hoping to get some good practice with the German "ice cream". Right now I'm still in New Orleans and have had a great year. Wine, women and jazz - fantastic combo. Recently completed building a 200 square foot workshop - I'm getting started in furniture design and crafting. Wish I was back in Forestry, though. Special hello to the boys of 1973 and cabin 42."

**Henry Hall** is Assistant Scientist, Kaufert Laboratory, College of Forestry, University of Minnesota.

**Gary C. Insley** works as a Forester with the Bonneville Power Administration, Portland, Oregon.

**Leo Johnson** writes from Grand Marais, Minnesota: "I got a Forester position with the U. S. Forest Service this past summer. I'm involved with Compartment Examination on the Gunflint District of the Superior National Forest."

**Mark A. Jukich** is employed as a Control Inspector in Canton, Ohio.

**Michael B. Klumpke** from New Castle, Virginia writes: "Well, I actually made it; I am currently employed by the U.S.F.S. on the New Castle Ranger District of the Jefferson National Forest in Virginia, as a G. S. 5 Forester. It is kind of hot and humid here and it doesn't snow much but I am enjoying it very much. I have been introduced to turkey hunting and I am hooked on it. I also get in some deer, squirrel, and grouse hunting. I would like to say Hi to Ken and Dr. Hallgren and everybody else. Good luck to all grads in finding a job."

**Stephen Nielsen** who resides in Helena, California, is a Forester for the Big Bar Ranger Station in Big Bar, California.

**Elmar Mazurs** orders his Peavey from Minneapolis, Minnesota.

**James Rupert** resides in Park Rapids, Minnesota, and is the Smoky Hills District Forester. He writes: "It's been a busy year, getting settled in Park Rapids and the new position. Work is very interesting. I miss the beer drinking with the guys from Cloquet. If anyone is up this way stop in the Forestry Office just west of town and say hi!"

**Robert Sienko** sends us word from Inchellum, Washington, where he is a BIA Forester with the Colville Indian Agency.

**Fred Souba, Jr.**, writes to us from Wisconsin Rapids, Wisconsin. He says: "I am still working for Nekoosa-Edwards Paper Company, Inc., in Port Edwards, Wisconsin. I am working as Tree Farm Forester and dealing primarily with private landowners in the company's Tree Farm Family Program. Connie is working at a department store in town as a commercial artist. She and I are still enjoying the small town life and would welcome any visitors if they happen to be passing through."

**Joseph Wood** works as a District Forester and Timber Buyer for the Diamond International Corporation in Cloquet, Minnesota. He writes: "This year Marlene and I greeted a new arrival. On January 26, 1975, I became the father of a baby girl, Rachel Christine. I was also forced, on two separate occasions, to guzzle suds with a few of the DNR's front line people, (union cards and all). We'll do it again this summer at Claire's. See ya then Rick, Argo and Denny."

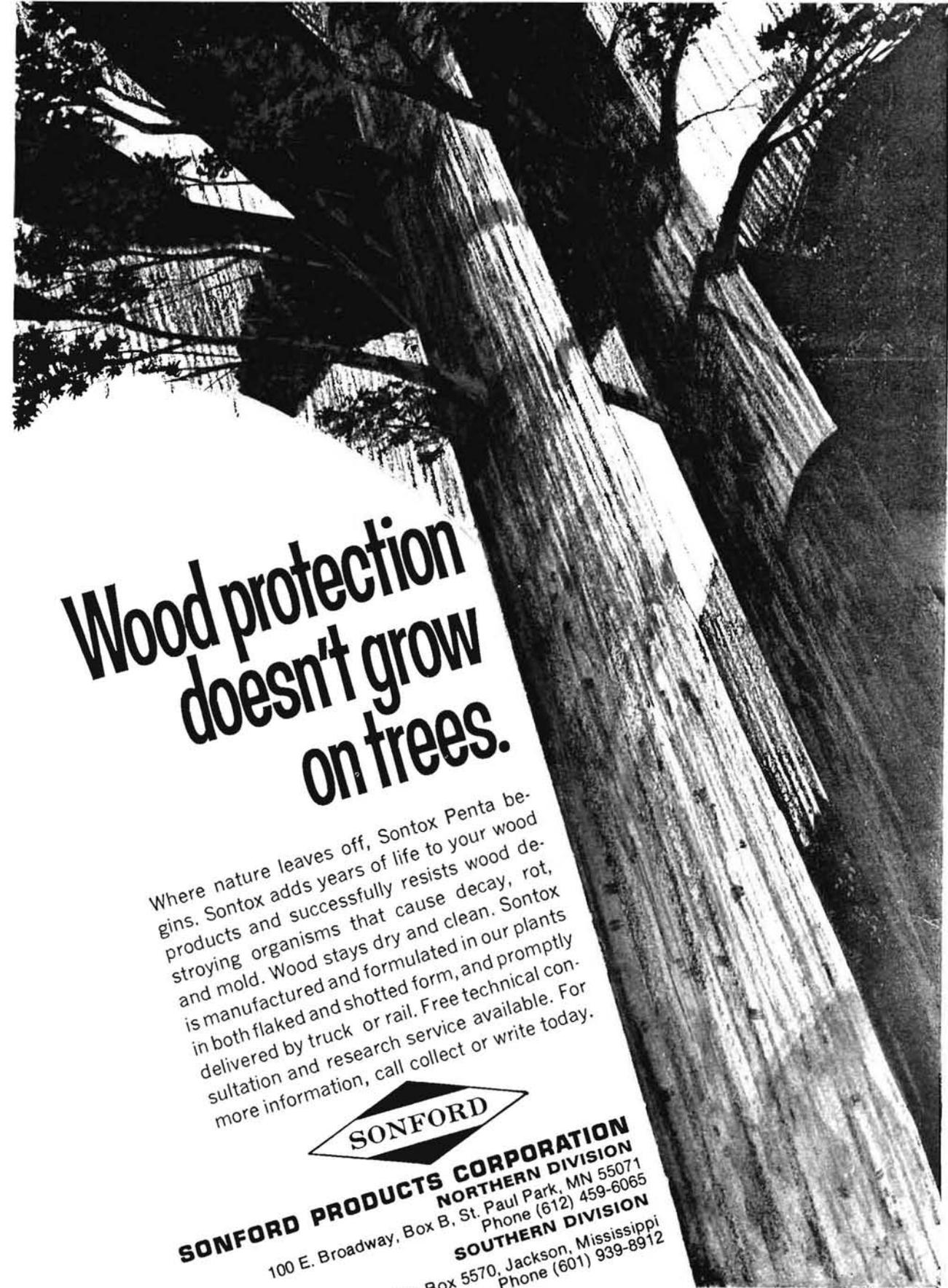
#### Harvest of 1974

**Robert W. Boutain** resides in Clontare, Minnesota, and writes: "I'm presently working for another degree (Vocational Education) at the University while teaching Vocational Agriculture at Bagley. I'm close to Itasca State Park and really enjoy it as it keeps me in touch with nature and forestry."

**Kenneth Jon Brackee** resides in White Bear Lake, Minnesota, where he is City Forester.

**Leonard Braun** is employed as a Manager at Monson Lake State Park, in Sunburg, Minnesota.

**John R. Davis** writes: "After spending 4 1/2 months in Moscow Idaho picking up Rocky Mountain silviculture from the U.S.F.S. and the University of Idaho, I accepted a permanent position as a



# Wood protection doesn't grow on trees.

Where nature leaves off, Sontox Penta begins. Sontox adds years of life to your wood products and successfully resists wood destroying organisms that cause decay, rot, and mold. Wood stays dry and clean. Sontox is manufactured and formulated in our plants in both flaked and shotted form, and promptly delivered by truck or rail. Free technical consultation and research service available. For more information, call collect or write today.



**SONFORD**

**SONFORD PRODUCTS CORPORATION**  
**NORTHERN DIVISION**

100 E. Broadway, Box B, St. Paul Park, MN 55071  
Phone (612) 459-6065

**SOUTHERN DIVISION**

P.O. Box 5570, Jackson, Mississippi  
Phone (601) 939-8912

# **B**urns **K**neeland lumber

A SUBSIDIARY OF APACHE CORP.

Aitkin, Minnesota

Efficient wholesale distribution of forest products to retail building material dealers and industrial users from Lakes states, Canada, Black Hills, and Western U.S. producers.

## **OSAKA** **JAPANESE** **RESTAURANT**

*Have you heard of OSAKA, the new Japanese restaurant located at Oak Street & Washington Avenue S.E.?*

*If you haven't, please come and join us for a special meal. Your hostess will cook at your table with Osaka's special secret sauce. On weekends, please make a reservation.*

**HOURS:** Monday-Thursday 11 a.m. - 9 p.m.  
Friday 11 a.m. - 10 p.m.  
Saturday 4 p.m. - 10 p.m.  
Sunday closed

## **FALCON HEIGHTS** **PHARMACY**

Phone: 646-4555

1707 N. Snelling

St. Paul

## **PARK SERVICE INC.**

2277 W. COMO AVE.

644-4775

**Complete line Tires & Battery Tune-up**

AAA Service

Mgr. Nick Mayers

### **"Non-Com" Fire Protected Lumber and Plywood**

Non-combustible wood to control and contain fire. Rated by

Underwriters Laboratories, Inc.

### **Also, "Wolman" Salts Pressure Treated Lumber**

Sure protection against rot, decay, and termites. Clean, paintable and workable with regular tools.

### **"Penta" Pressure Treated Lumber**

Ageless, best for ground contact and exterior use — Permanent Protection

## **G. M. STEWART WHOLESALE LUMBER CO.**

THE UPPER MIDWEST'S LARGEST YARD

421 JOHNSON STREET N.E.

Phone: 378-1520

MINNEAPOLIS, MINN. 55413

scaler with Boise Cascade Corporation in Emmett, Idaho. Hope to have scalers license by summer of 1975 and hope to be a forester with the company by fall of 1975 or summer of 1976. Hope to see more Minnesota graduates out here. Any Minnesota graduate will be a welcome sight in Emmett."

**Eldon A. Farb** writes: "I'm now located in the small town of Spooner, Wisconsin. I became employed by Thilmany Pulp and Paper Company of Kaukauna Wisconsin this past October 21. I spent my summer working on my father's farm while putting out letters of job applications and resumes. I would like to say HI to all my fellow foresters of Class '74 and the staff and faculty of Green Hall!"

**Ronald Goetzinger** writes: "I was appointed to Minnesota Department of Forestry on January 13, 1975. I will be a trainee at Effie, Minnesota until March 23 and then I will be going to Warroad until June 1. After that my trainee period will be brought to a close in the Lake City area. "My wife and I will make the Twin Cities our permanent residence until I am assigned to a district as a forester. I am looking forward to that day very much. Say hello to Ken and the gang in Green Hall."

**David Heinzen** is a resident of Duluth, Minnesota and is presently unemployed.

**Dick Herold** is employed as Head, Crosslake Snowtrails, Inc., in Crosslake, Minnesota.

**Thomas G. Kraemer** is a Forester for Reese Brothers in Kelso, Washington and writes: "Forester in Southwest Washington. Trying to relocate east of the mountains, to get out of the rain."

**Dan McCormick** reports: "Greetings fellow true-blue foresters. Being shipped all over South Dakota and Wyoming doing T.S.I. work and timber inventory at a GS-5 level — must be in seventh heaven."

**Roderick McCullough** sends this word: "Howdy fellow foresters, I just recently got hired by the Forest Service as a Forester on the Aplachicola National Forest in Bristol, Florida. Love the southern sunshine."

**Gail Schaefer** is a forester with the Bureau of Land Management in Roseburg, Oregon.

**Robert B. Schoenberg** orders his Peavey from Duluth, Minnesota.

**Sheldon K. Smith** sends us word from Kelso, Washington where he is in Research and Development with the International Paper Company. He writes: "I started work with International on December 18, 1974. There are several other Minnesota Alumni in Longview: Bill Boeher, and Bob Swahiki; both are working for Weyerhaeuser at the Technical Center. Dr. Robert Erickson from the Forest Products Department worked there also from July, 1973 to August 1974. I am getting married in February to Betty Graham. She has a M.S. in Housing/Interior Design from the College of Home Economics. I met her in a Forest Products Class no less! I offer my best wishes to all the readers of the Peavy! And as a former business manager of the publication (1973) — I offer my congratulations to the staff of the 1975 Peavey for making this year's publication the best ever!"

**James J. Varro** works as a forester for the Wisconsin Department of Natural Resources in Hayward. He writes: "I'm married over here in the Husky Capital of the world! The Wisconsin DNR is a great organization to work for, especially as a forester. Like they always told me at school; in between the great days in the field come even more days in the office. This country is a real fishing hole in the summer. You have to learn to play 'hide and seek' with the tourists though. Hello and thanks to all the professors and staff at the great College of Forestry, University of Minnesota. Say hi to Ken for me, will you guys? Whenever I'm home he's never in."

**Les Zilmer** sends us word from International Falls, Minnesota. "My wife and I and 'Smokey' our 8 month old Chesapeake Bay Retriever, are enjoying life in the 'Borderland Area' in International Falls. I work out of the International Falls office of Boise Cascade as an Assistant Forester and Logging Supervisor. I am enjoying the life of a forester very much. My work is very interesting and self-gratifying. The hunting and fishing last fall was great. If you're in the area, stop in and say hello."

## ADVERTISING DIRECTORY

Andersen Corporation . . . . .	79	Natural Resources Management Corporation . . .	87
The Ben Meadows Company . . . . .	81	North Country Photos . . . . .	83
Blandin Companies . . . . .	81	Northern States Power . . . . .	88
Bridgeman's . . . . .	92	Northern Timber Company . . . . .	92
Buckman Laboratories . . . . .	98	Oxboro Lumber Co. . . . .	91
Burger Brothers . . . . .	84	Park Service Inc. . . . .	96
Burns Kneeland Lumber . . . . .	96	Potlatch Corporation . . . . .	Inside Back Cover
Crane's Office and School Supply . . . . .	91	Osaka . . . . .	96
Domino's Pizza . . . . .	75	Power Tools, Inc. . . . .	92
Electrical Industry Board of St. Paul . . . . .	91	Quick Print Systems . . . . .	83
Falcon Heights Pharmacy . . . . .	96	Scherer Brothers Lumber Company . . . . .	75
Forestry Club . . . . .	87	Simm's Hardware . . . . .	87
Forestry Suppliers, Inc. . . . .	81	Sonford . . . . .	95
G. M. Stewart Wholesale Lumber Co. . . . .	96	St. Anthony Park Bank . . . . .	75
Georgia-Pacific . . . . .	72	Thompson Hardwood Lumber Co. . . . .	91
Herb Nelson's Union Oil . . . . .	76	Twin City Hardwood Lumber Company . . . . .	88
Hermes Floral Company . . . . .	76	U.S. Plywood . . . . .	92
Hoigaard's . . . . .	75	Vescio's . . . . .	76
Lido Cafe . . . . .	87	Villaume Industries . . . . .	92
Mannings Cafe . . . . .	88	Weyerhaeuser . . . . .	88
Marine Boat & Canoe Service . . . . .	92	White's Shoe Shop . . . . .	76
Miller's Pharmacy . . . . .	76	Youngblood Lumber Company . . . . .	87

Support these advertisers that have contributed so faithfully to the Gopher Peavey over the years.

# The problem solver's book on:

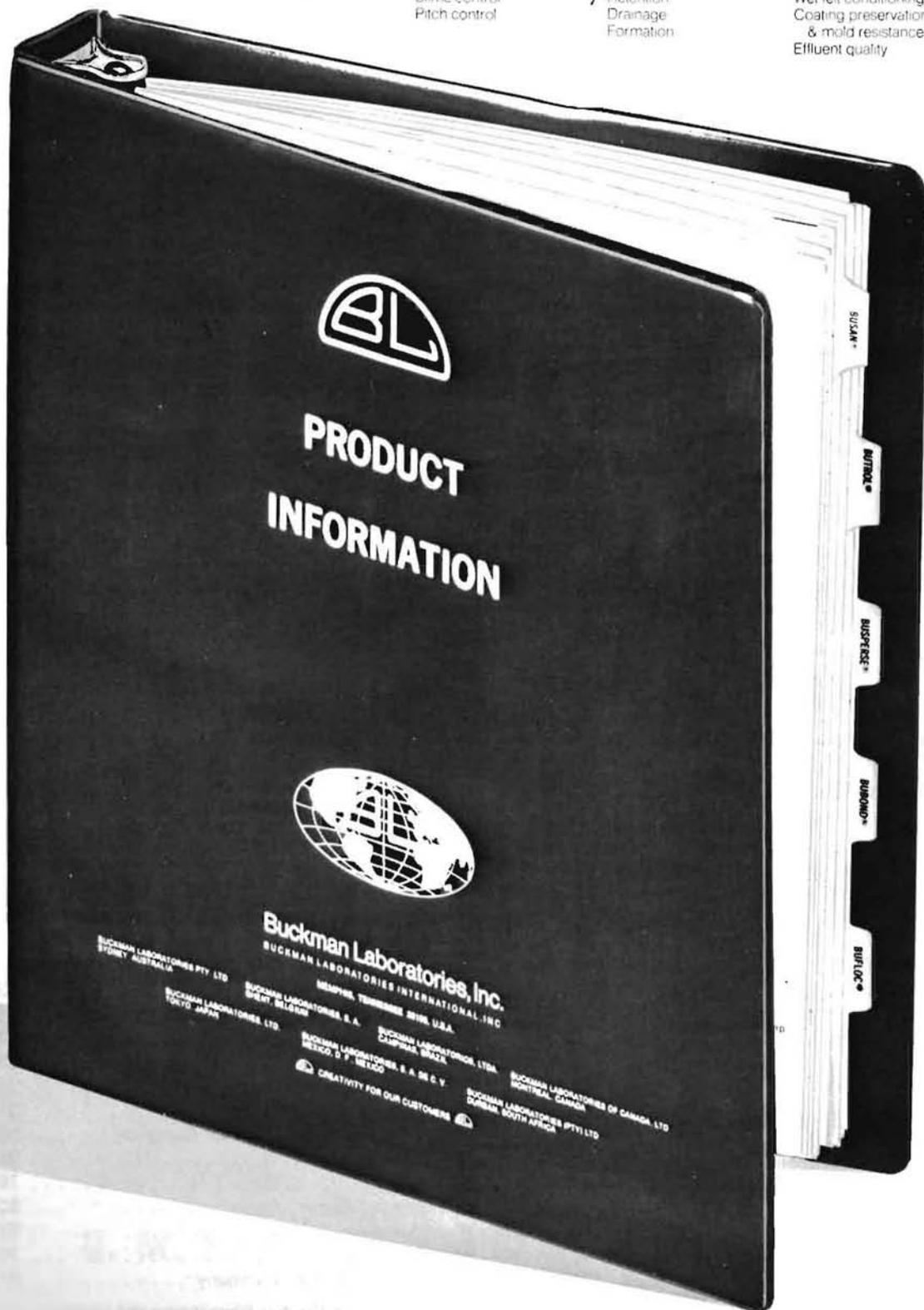
Fresh water quality  
Chip preservation  
Pulping

Chemical recovery  
Air pollution  
Recycling repulping  
& deinking

Pulp washing  
Pulp preservation  
Additives  
preservation  
Slime control  
Pitch control

Scale control  
Corrosion control  
Foam control  
Dispersion  
Retention  
Drainage  
Formation

Strength  
Adhesion & release  
Wire & fabric life  
extension  
Wet felt conditioning  
Coating preservation  
& mold resistance  
Effluent quality



Mark Hansen, '76 . . . . . Editor  
 Dr. Timothy B. Knopp, '57 . . . . . Advisor

EDITORIAL STAFF

Dr. Alvin R. Hallgren, '49 . . . . . Alumni  
 Joni Klineberg, '77 . . . . . Opinions  
 Dale Krueger, '75 . . . . . Summer Jobs  
 Dr. Frank H. Kaufert, '29 . . . . . Dedication  
 Margie Simmer, '76 . . . . . Activities

PHOTOGRAPHIC & TECHNICAL STAFF

Russ McDowell, '76 . . . . . Head Photographer  
 Barb Kellam, '77 . . . . . Photographer  
 Carl Markon, '76 . . . . . Photographer  
 Frankie Eikum, '76 . . . . . Photographer  
 Mike Koke, '76 . . . . . Photographer  
 Dale Krueger, '75 . . . . . Photographer  
 Scott Anderson, '76 . . . . . Photographer  
 Scott Barger, '75 . . . . . Photographer  
 Erik Sorenson, '76 . . . . . Cartoonist  
 Gary Glonek, '76 . . . . . Cartoonist  
 Carol Czaia, '77 . . . . . Typist

BUSINESS STAFF

Mike Koke, '76 . . . . . Business Manager  
 Bill Way, '76 . . . . . Advertising Manager  
 Randy Schwartzhoff, '75 . . . . . Advertising Manager  
 Mary Grabowski, '76 . . . . . Ads Sales  
 Mary Himanga, '76 . . . . . Alumni Sales  
 Mary Deick, '78 . . . . . Student Sales

FINAL WORD FROM THE EDITOR

Putting together this year's Peavey has been an experience I will never forget. I hope you enjoyed reading it as much as I enjoyed bringing it to you.

It takes the work of many people to make the Peavey run. I would like to thank everyone involved with this year's issue for their help and support. Without your help I couldn't have done a thing.

Mark Hansen



*Oh well, good enough for government work.*



*Remember, Only YOU can prevent forest fires!*

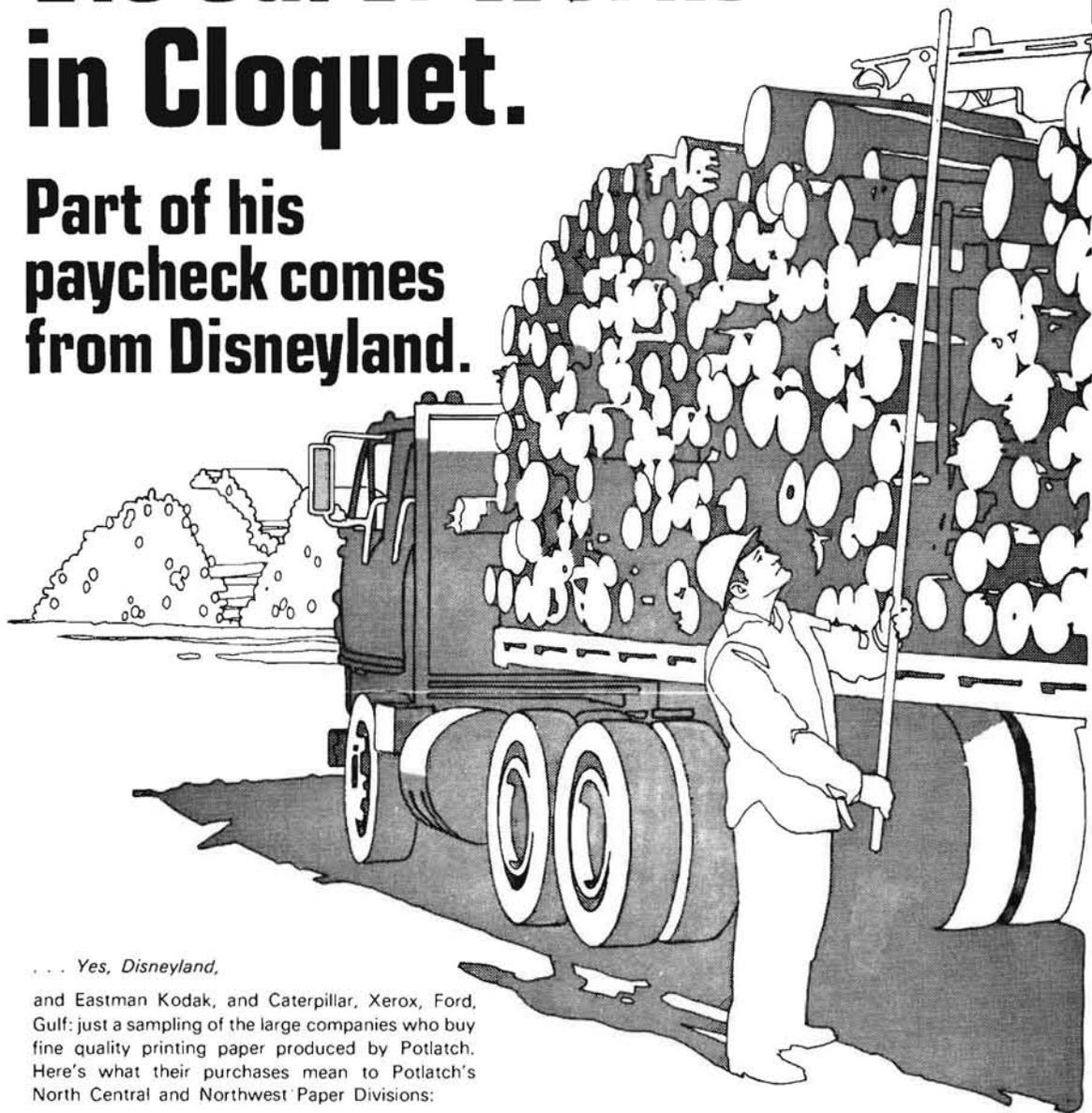
# BULL OF THE WOODS



Editor - Carol Czaia

# Vic Jarvi works in Cloquet.

Part of his  
paycheck comes  
from Disneyland.



... Yes, Disneyland,

and Eastman Kodak, and Caterpillar, Xerox, Ford, Gulf: just a sampling of the large companies who buy fine quality printing paper produced by Potlatch. Here's what their purchases mean to Potlatch's North Central and Northwest Paper Divisions:

- a \$27,100,000 annual payroll for 2100 Minnesota employees
- indirect full or part time employment for hundreds of men and women who produce or transport 360,000 cords of pulpwood and wood chips for Potlatch in 17 northeastern Minnesota counties
- \$11,500,000 in annual pulpwood purchases

It's a long way from a stand of jackpine near Isabella to the corporate report of Walt Disney Productions, but Vic Jarvi of Cloquet has a piece of the action.

From woodworker to woodyard to finished product, Northwest's talent for producing high quality printing paper helps make Minnesota work.

## Potlatch

Potlatch Corporation  
Northwest Paper Division, North Central Division  
Mills at Cloquet & Brainerd, Minn. & Pomona, Calif.

