

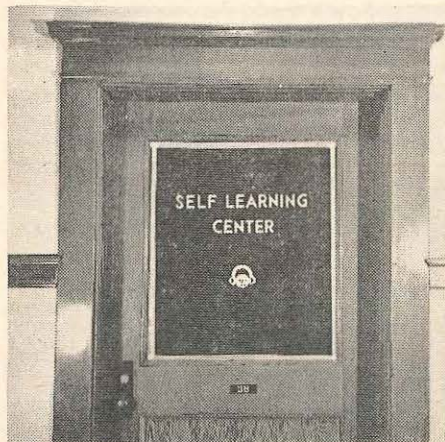
OREGON STATE FORESTER

VOLUME XVIII

Corvallis, Oregon, March 1965

Number 1

SELF-LEARNING CENTER OPENS



Behind this door is the School of Forestry's Self-Learning Center, its latest experiment in improving education. The Center is still in its first year, but it is already influencing educational practices in the School.

The Self-Learning Center operates under a research grant from the Louis W. and Maud Hill Family Foundation. This statement from the original project application gives a good idea of its purpose:

"Improvement of forestry education is the immediate aim of the project; however, successful results will have far-reaching effects in all fields of education. The tremendous pressures upon all higher education in the immediate future will require our most intensive effort to maintain standards of quality. Any process or device which will enable instructors to teach larger numbers more effectively will be of great worth, far beyond the bounds of one school or the campus. The School of Forestry at Oregon State University is proposed as a vehicle for investigating the improvement of teaching because of the cooperation which here obtains between education, forestry, and liberal arts. Specific objectives are

(1) to analyze courses to determine which areas or materials in different courses lend themselves most effectively to new technologies of communication,

(2) to find out the extent to which SELF-LEARNING may be substituted effectively for conventional methods (or added to them) when satisfactory materials are provided, and

(3) to prepare those specific course materials which lend themselves to new technological presentation, both for individual self-yearning and for class use."

Dr. Robert R. Reichart, for many years Professor of Educational Psychology on the campus, has been in charge of the Self-Learning Project since July. Let him tell of his experiences trying to carry out the purposes already stated.

"We're trying to find out to what extent a student can improve his own education by studying independently if he uses modern communication equipment.

This concept of "Independent Study" means just what one would expect: self-direction in studying instead of complete dependence on learning in a class situation. In universities across the country there is increasing emphasis on independent learning and independent problem solving. After all, no teacher can learn for a student. The instructor helps him, gives him encouragement, information, and direction, but in the final analysis, the individual student must learn for himself. This independent study approach challenges the notion that learning must take place in groups at particular hours of the day, like 9 o'clock Monday, Wednesday, and Friday.

Modern communication equipment—the tape recorder, moving pictures, slides, tape recorders which automatically change slides at the proper times, representational devices of any kind—all are ideally suited to independent study use. Any lecture can be recorded on tape; any picture can be reproduced. All can be used by an individual student at any time convenient to him. The pattern seems absurdly simple: get the teaching materials in some recorded or visual form, provide a place for students to use these materials individually or in small groups, and many of our educational problems would be solved.

This theory would work IF—

What comes after that "if" no longer surprises me, because I have been working on this same problem in other fields before trying to apply it to the specific professional field of forestry. It may surprise you, but here it is:—IF we had the teaching materials. The difficulty is that they can't be bought. They just don't exist. They have to be made; they have to be produced, and this production takes a great deal of time and effort and "know-how".

We've made a good start on our production job, and each week sees some additions to our stock of materials that students can use.

Let's give a few examples. Suppose a student in the infirmary misses a class. The instructor, in his turn, has made a tape recording of the class lecture and discussion. The student, now out of the infirmary, can hear the tape at the Self-Learning Center. Result: the instructor saves time in not having to explain an hour's work to one student; the student is able to catch up on his missed class work.

Another: A student didn't understand part of a lecture. He can listen to it again—as often as he needs to, in fact, and do this on his own time, for the Center is kept open all day.

Still another: Visiting specialists gave lectures last term. Those which are recorded are still available for use by students who missed the talk or who, perhaps, weren't even in school. And those talks will be available in future years, if the material is still useful.

Some of these talks are illustrated with slides or transparencies. When we are in full operation, we hope to have these tape-talks automatically illustrated, without having to have an operator run the machines. These presentations, too, will be available to students at all hours of the day.

This method we are developing takes individual differences into account. If students are ahead of their class, they can study materials beyond the usual scope of the class. On the other hand, students having difficulties with their studies have a chance to listen again to a talk; they have a chance to catch up.

Having to make our own teaching materials isn't altogether a liability. The very necessity for producing self-learning materials is bringing about re-evaluations of those now used in class teaching. The Center, in addition to aiding students, is helping the Staff produce new displays, make new slides, take new pictures, make overhead transparencies, charts, graphs, even moving pictures.

The center is aiding in reconstructing lectures and improving presentations of all kinds. We notice that when an instructor has a chance to listen to his lecture, for instance, he becomes more objective about his performance, he becomes more critical. Next time he does the job better. Keep in mind that any teaching materials made for individual study may turn out to be equally effective for class use.

Our collection of teaching materials is constantly growing. Ultimately we hope to have a large collection representing other fields of study, as well as forestry. Right now, for instance, we are working on a tape-slide presentation to help students learn how to use the library more efficiently. We can force the time when every teacher, as part of his course, will say to his students: We don't have time to cover topic XYZ in class, but it is important. You can get this for yourself at the Self-Learning Center."

SCHOOL FORESTS

During 1964, 5½ million board feet of salvage and thinning logs were harvested from McDonald and Dunn Forests. Approximately one million board feet of this was a result of the October, 1962 wind. This completed the salvage of a total of nine million board feet blow down during the storm. In addition over one million board feet of beetle-killed timber was removed during the fall months. This was a direct result of bark beetle population build ups following the blow down. The forests are now almost back to normal.

Two miles of new road were constructed and four miles of road were rocked during (Please Turn to Page 16)

Alumi Business...

Oregon State University Forestry
Alumni Association

Board of Directors

W. F. McCulloch School of Forestry
(advisory) Oregon State University
Corvallis, Oregon

Terms Expire April 1965

Norman E. Bjorklund Industrial Forestry
(President) Association
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Portland, Oregon

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American Bank Bldg.
Portland, Oregon

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Philomath, Oregon

Terms Expire April 1966

Robert W. Appleby U.S. Forest Service
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Portland 8, Oregon

Ross W. Williams Gifford-Pinchot
National Forest
P.O. Box 449
Vancouver, Wash.

C. W. Dane Presently on leave at
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Treasurer) Apt. No. 25,
Bloomington, Indiana

D. P. Paine School of Forestry
(Acting Secretary- Oregon State University
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Terms Expire April 1967

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P.O. Box 3623
Portland 8, Oregon

Spencer T. Moore U.S. Forest Service
Ash Building
Corvallis, Oregon

Theodore Maul 2600 State St.
Salem, Oregon

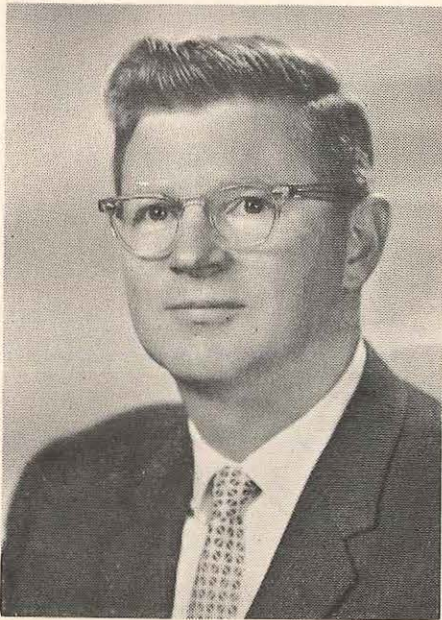
Financial Statement

January 1, 1965

Balance, January 1, 1964	\$175.68
Income:	
1964 Dues	\$785.00
1964 Banquet	825.50
Misc. Income	69.08
Expenses:	\$1680.58
1964	
Newsletter	660.65
1964 Banquet	807.09
1964 Annual	
Cruise	415.00
Balance, January 1, 1965	\$1882.74
Balance, January 1, 1965	\$-26.48

OREGON STATE FORESTER

Annual newsletter of the OSU Forestry Alumni Association mailed to the last known address of all OSU Fernhoppers.



NORMAN J. BJORKLUND

From the Alumni President

Dear Fernhoppers:

Of concern to all of us has been the recent drop in enrollment at the School of Forestry. Although I don't think that we necessarily want our Forestry School to be the biggest, I am sure that the forestry profession needs more Oregon State graduates than will be turned out under the current level of enrollment.

One of the primary reasons for the drop in enrollment has been the increased out-of-state tuition. Previously out-of-state students, particularly from California, have comprised a substantial part of the School's enrollment. As California students can now obtain a "forestry education" at home at a much less out-of-pocket cost than in Oregon, they are staying in California. Of maybe even greater concern is the fact that not more qualified students from Oregon high schools are enrolling in forestry.

For several years the Alumni Association has attempted to stimulate increased interest in forestry in Oregon high schools. This has included personal contacts with students by alumni. The effort, however, has not been wholly effective. Something additional is needed—either more alumni will have to work with local high schools or some other approach is needed.

It has been suggested that a summer institute such as the one sponsored by Scientists of Tomorrow for prospective engineers and scientists be initiated for forestry. Under this program high school students could spend one or possibly two weeks at Oregon State University to get a good background in academic work and employment opportunities. In the case of the summer institutes for engineers and scientists the Professional Engineers of Oregon lend backing and support as they are convinced that the institute

helps in convincing students of the desirability of careers in science and engineering. This is just an idea at present but one which will be considered.

Your Alumni Association would certainly appreciate any ideas that you have for encouraging promising students to enter forestry at Oregon State.

Very truly yours,
N. E. BJORKLUND
President

Minutes--

President Bjorklund called the annual meeting of the OSU Forestry Alumni Association to order at 3:10 p.m., April 4, 1964 in room 302, Forestry Building, OSU, Corvallis, Oregon.

An up-to-date financial report was given and the motion recommending a one dollar increase in annual dues, passed earlier in the day by the Board of Directors was read. A 2/3 affirmative mail vote of the regular members will be necessary before dues can be raised.

President Bjorklund then reported on additional business discussed at the Board of Director's meeting which included:

1. A report on the Fernhopper Endowment Fund.
2. Reactivation of the Alumni Task Force to discuss, study, and recommend any changes in curriculum deemed necessary and to lend support to higher education in general.

Dean McCulloch then reported on the following:

1. The Improvement of Forestry Education Fund has been increased to almost \$100,000.
2. Tuition increases and resulting reduced enrollment.
3. The need of support for higher education in Oregon, especially for the May 15 bond issue vote.

After an introduction of the faculty by the Department Heads, the meeting developed into a question and answer period.

It was moved, seconded and passed that President Bjorklund write to the Oregon Congressmen and national legislators concerned with the Civil Service Commission that the OSU Alumni Association strongly objects to the new policy of not hiring sons or daughters of Civil Service employees in the same agency for any type of temporary employment. The motion was unanimously passed.

The meeting was adjourned at 4:55 p.m.

Enrollment Statistics

Fall term enrollment was down 59 students or 13.6% from last fall term. Of this new student totals were down 20 or 13.2%. These trends are quite significant when added to the previous years drop of 7% overall and 19% for new students. A large part of this drop is due to the higher tuition rates, especially non-resident tuition. Only 28% of the forestry students are non-residents as compared to 49% two years ago before the tuition hikes.

	FE	FM	5FP	1 FE-FM	12 Undecided	85	New
Fresh.	25	43					
Soph.	25	43	7	4	2	78	23
Junior	26	54	4	3	2	90	10
Senior	14	66	11			94	2
Grad.	1	23	3			27	11
	91	229	30	8	16	374	131

School Doings...

MAC'S CORNER

This has been a year of obligation. Generous support of scholarships and other School programs has been maintained as in years past by several companies and other friends of the School. In addition we are the fortunate recipients of several new or enlarged grants. Mr. and Mrs. Paul M. Dunn have provided an endowment which will underwrite an annual award to the outstanding senior. Mr. and Mrs. Gordon A. Duncan (1923) have established an endowment for an undergraduate scholarship each year. Mrs. Albert Powers has added another gift to the Albert Powers Memorial Scholarship, and Mrs. Laurence E. Slater an additional gift to the Durward F. Slater Memorial Scholarship. Mr. Charles W. Fox (1927) has arranged a large gift from Mrs. Max D. Tucker for development of a first rate Arboretum. Mr. David T. Mason's good offices have provided increased benefits from the Louis W. and Maud Hill Family Foundation. That Foundation's executive director, Mr. A. A. Heckman, has given us generous support and technical assistance. The Weyerhaeuser Foundation has enlarged its scholarship grants. Other friends in various ways have assisted the School. To all of them go our sincere thanks. I am obligated personally to the instruction and research staffs who diligently pursued their work with undiminished effort despite diminished budgets.

This has been a year of regrets, chief among them the totally unexpected demise of Harry Nettleton October 30, 1964, as noted in the obituary column. Net had been so cheerful, so full of his old time zing, so vigorous in his part time teaching assignment that he seemed to be assured of indefinite years of service to the School. The rapidity of his departure was a shock and a source of regret to all.

There was also regret among the faculty group who had known Mrs. T. J. Starker, a good friend and a staunch supporter of OSU and the School. T. J. is keeping himself busy, and has made an adjustment to his loss. Grandchildren help to ease the burden, and T. J. is well blessed in this regard. Of special interest to alums is the word that Bruce Starker's son Bond plans to enroll in forestry in the fall of 1965. This carries on the family tradition; T. J. a member of the first graduating class, Bruce the first son of a graduate to enroll, and Bond the first grandson.

This has been a year of progress. The project on improvement of teaching financed by the Hill Family Foundation has resulted in adding Dr. R. R. Reichart to the staff as professor of forestry education. Old timers will remember Bob as the man who developed vocabulary building and associated courses which along with T. J.'s coaching, enabled Oregon State foresters to succeed in the old Junior Forester examinations.

Progress has been made on the research front too. The amiable co-operation of the State Board of Forestry gave us a long-term lease of the Vern McDaniel Nursery site following the shift of tree growing to Elkton. (One thing you could say about the old nursery, despite its disadvantages it never stood under 6-8 feet of water such as the angry Umpqua recently contributed to the Elkton Nursery). Long range plans have been made by the research staff to expand genetics work at the Nursery complementing (Please Turn to Page 16)

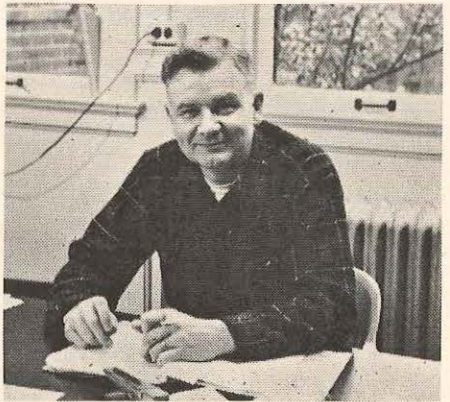
OUTSTANDING TEACHER AWARD WINNERS

Robert Aufderheide, class of 1935, was one of the best known and best liked graduates in the long history of the School. He was outstandingly successful, because he earned the universal respect of loggers as well as Forest Service colleagues. His long and courageous fight against cancer was an inspiration to all men. Because he so exemplified the qualities expected of a topnotch forester, students founded the annual Aufderheide Award to recognize the same qualities in teaching here in the School. To bring the record up to date, award winners each year since its beginning are pictured below.

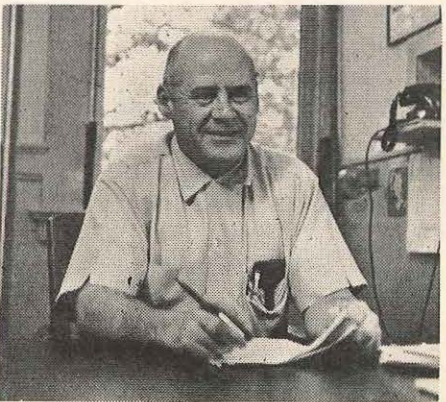
(To complete the Aufderheide recognition, it should be noted that friends also contributed funds to provide an annual memorial scholarship in Bob's name).



1961 John F. Bell



1959 and 1963 John E. O'Leary



1962 Warren R. Randall



1960 William K. Ferrell



1964 William I. West

SCHOOL STAFF NEWS

GEORGE BARNES reports that balancing budgets, scrounging new funds for research and writing progress reports has kept him from accomplishing anything creative during the past year. In August he flew to Logan, Utah to attend a technical committee meeting on a regional project concerned with tree seedling establishment. George was on the staff of the Utah State University from 1936 to 1943. It was a pleasure to renew old acquaintances and observe the new developments on the campus.

JOHN BELL reports that his year whirled by at an interesting rate. Marla Kay (No.

4) "weighed in" on April 29. Marilyn (9) and Jim (5) provided extracurricular excitement with an emergency appendectomy and a tonsillectomy. He got away from it all in July by joining his father for a tour of the Canadian Rockies and the Calgary Stampede. And in September he put one on the editor by shifting his teaching load for a few days to attend the national SAF Meeting in Denver. As we go to press, he is conducting the ninth annual variable plot cruising short course which has a record attendance.

(Continued Col. 1, Page 4)

SCHOOL STAFF NEWS (Continued)

CHUCK DANE is still working toward a Ph.D. in Business at Indiana, but plans to return just in time for the banquet—barely too late to edit this newsletter.

BILL DAVIES continues to teach senior and graduate courses in forest engineering and supervise operations on the school forests. He plans to take a 5-week trip during March and April to visit forest operations in the Southeast.

DICK DILWORTH reports that the past year has been rather routine with the usual responsibilities of teaching and administration occupying his time. He did participate in several forestry curricula meetings at the Universities of Washington, Washington State, Idaho, and Syracuse. His Aerial Photo Short Course was well received with an oversubscription of 25 even though the number accepted was increased from the normal quota of 24 to 37.

BILL FERRELL is on sabbatical leave in Denmark where he is busy with research in plant physiology. The trip was made possible when Bill was awarded a N.S.F. Science Faculty Fellowship.

HELGE IRGENS-MOLLER is back from a fruitful year of sabbatical leave in Denmark. He keeps busy with the plantations of selected trees, with studies in growth chambers of temperature effects upon Douglas-fir from Central Mexico to British Columbia, and with graduate students. In spite of the floods, he finds Corvallis winters preferable to Danish winters.

ALEX J. JAENICKE, now in an emeritus status, finally completed his teaching responsibilities in June after eight years with the school. Alex has a few part-time responsibilities which will justify the retention of his desk at the School. Alex and his wife Betty plan to remain in Corvallis.

BOB KENISTON reports that the major accomplishment of his family in 1964 was by his wife, Ruth: She completed her studies at O.S.U. for a second A.B. degree,—this one in Elementary Education. In the summer, Bob and Casey Randall explored the woody vegetation in the back country of three of the four corners of Oregon. Along with other members of minority groups, Bob suffered through two major political defeats, one in July and one in November. Bob and Don Hedrick alarmed the Union County residents in July by broadcast-burning 35 acres of steep north slope (done with the knowledge and consent of the State Fire Warden, and with U.S.F.S. officials looking on from a helicopter) as part of a range-forestry experiment.

JIM KRYGIER is currently teaching watershed management courses and undertaking two research projects. One project is concerned with differential water use among stands of oak and Douglas-fir. The other project is the effect of logging on stream temperature, sedimentation and floods. Spare time is spent nursing colds, and contemplating construction of a rock wall.

"MAC" McCULLOCH spent a considerable amount of time here in Corvallis, on our project for improvement of teaching and learning in forestry. Second, was a trip to the Southwest to get first-hand information on watershed management and outdoor recreation. Both of these have had a substantial impact on forestry in Arizona and New Mexico for some time, and we will be increasingly concerned with them in Oregon. While in Arizona, a very

pleasant dividend was breakfast with 13 fernhoppers in Flagstaff.

M. D. McKIMMY. Things have remained about the same for McKimmy. He is still teaching wood properties, timber mechanics, wood seasoning and wood preservation. During the summer months he continues to work on research. Most spare time is being devoted to completing a publication on the heritability of wood specific gravity in Douglas-fir.

KEN McLAREN is still pinch hitting for Chuck Dane, who should be back about the time this is published.

JOHN O'LEARY is still teaching during the school year and working for the Forest Engineering Research Lab (USFS) out of Seattle summers—current projects include the yarding mechanics and balloon logging studies.

DAVE PAINE. Dave and Jan proudly announce the arrival of their first child, Carolyn Dale, last August. Carolyn will be brought up on their new 73-acre farm south of Philomath, (Box 41, Route 2). They have 12 acres of second growth, 18 acres of Italian prunes, and plan to start about 20 acres of Christmas trees which still leaves over 20 acres for pasture.

CASEY RANDALL combined his vacation with study last summer when he visited national park areas of the Rocky Mountains and western Canada. Off and on during the summer, he and Bob Keniston managed to find time to study the woody plant associations in three of the four corners of the state. He is working on a new edition of his *Tree Ident Manual*, and is committed to its completion by mid-summer. 1965-66 will find Casey on sabbatical.

BOB REICHART, who joined the staff last summer to direct the Self-Learning Center, says that he is no stranger to the School of Forestry. For many years he taught a non-credit coaching course in vocabulary building, a course specially designed for foresters. Bob says that this class was an extra-curricular activity for him, but the registration for it exceeded the total registration in all of his other courses.

DAN ROBINSON. Nothing of unusual interest to report. Just surviving each day's problems is tough enough.

CHUCK SUTHERLAND spent a rewarding month with Bohemia Lumber Co. working in the sales office. He says the job gave him new insight into the operation of a forest products firm and benefited his teaching immensely. An investigation of the distribution of lumber produced in Oregon occupied the rest of his summer. His teaching assignment continues to be forest economics courses for both undergraduates and graduates.

TONY VAN VLIET. Tony spent 1964 teaching forest products and working with industry through his Wood Products Extension assignment. Three of the industrial projects center around company education programs plus many more of the production "fire fighting" variety. Completed at long last was a set of 36 colored slides for wood identification, co-authored by Bob Krahmer.

BILL WEST. Last April a week of seminars were arranged with Dr. Alfred J. Stamm, School of Forestry, N.C. State College, covering areas pertaining to wood-liquid relations and adhesion of wood. School

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Forest Research Lab.

Work at the Forest Research Laboratory includes around 80 projects, half of them on forest management and the remaining 40 on wood products.

The forest scientists are concentrating in the fields of forest regeneration, forest protection, young-growth management, and tree improvement through forest genetics. The wood scientists and engineers are working on milling and engineering practices, strength of wood and wood structures, seasoning and conditioning of wood, treatments to extend the service of wood, manufacture of glued products such as particle board and laminated beams, production of pulp and paper from wood residues, and chemical products from wood and bark.

Two major happenings highlight the year's activities. The Laboratory has been granted a long-term lease on land and facilities of the former Oregon Forest Nursery seven miles north of Corvallis. Plans are underway to develop the area as a Northwest Forest Genetics Center. Tremendous impetus will be given to forest genetics in the northwest by this unparalleled opportunity for active participation by private and public forest agencies in a progeny-testing area located conveniently close to the concentration of forest scientists at OSU.

The year also has seen the start of research supported by Federal funds under the McIntire-Stennis program. Two studies are in progress. Richard Waring is working to improve management of forest lands in southwestern Oregon based on ecology of the area. More than 400 native species in the Siskiyou mountains have been collected so far. He is measuring fertility of soils by the growth of tree seedlings under controlled conditions. Granitic soils appear to have the least reserves of nutrients of soils tested, and supposedly infertile soils derived from Peridotite have nutrients sufficient for Douglas-fir seedlings. He will investigate distribution of plant species after disturbance such as fire or logging.

Harvey Aft is developing information on reactions induced in chemicals from bark by gamma radiation. Quercetin, from Douglas-fir, holds much promise for use as an antioxidant in foodstuffs. Aim is to achieve a flavonoid compound from bark that will be resistant to gamma radiation and will retain the desirable properties of nontoxicity and antioxidant capacity. Several compounds by gamma radiation have been isolated and characterized; others are being isolated.

Forest Science

Dr. Irgens-Moller returned from Sabbatical leave in Denmark in July and Dr. Ferrell left for a year of sabbatical leave in the same country. Both were supported by federal grants for travel and expenses while abroad. Dr. Youngberg of Soils is also on leave this year at the Harvard Forest.

New Grants have been obtained from National Science Foundation by Drs. Irgens-Moller, Te May Ching and Nagel for continued work in Genetics, Tree Seed Physiology and Insect Population, respectively.

Cooperative Agreements have also been drawn up with the Pacific Northwest Forest and Range Experiment Station for new projects in Aerial Photogrammetry, Slash Burning, Watershed Management, Fire Weather Meteorology and in Physiological Effects of the Balsam Woolly Aphid on Infested Wood.

The Bureau of Land Management has renewed agreements for continuation of the work of Dr. Newton on brush control and regeneration and rehabilitation problems on forest lands.

LAB. STAFF NEWS

HARVEY AFT has been busy with chemistry of Douglas-fir bark, particularly with a new study of the gamma-radiation-induced reactions of the bark flavonoids, supported by the McIntire-Stennis program.

GEORGE ATHERTON spent most of the past year studying strength and stiffness of residential floors. Twelve full-size floors have been tested, with more to come.

ALAN BERG has been a stableboy to three horses for the past year. As an avocation, he is conducting research in management of young growth Douglas-fir and working toward a Ph.D.

DALE BEVER stopped shuffling paper long enough this year end to travel south. He claims to have checked on how they make wine in Sacramento, how they improve the breed at Santa Anita, how they play the game in Reno, and, oh yes, he did mention something about football, or was it rugby? At any rate he seems to have observed some gladiatorial spectacle that took place in a saucer.

HUGH BLACK claims he has taken dead aim on next June to bag the elusive Ph.D. "Sheepherder" Black spends a bit of time down Coos Bay-way on his grazing-tree planting study. Meanwhile, back at the Laboratory, he and Hooven direct the efforts of graduate students in studies of mountain beaver and the snowshoe hare.

RALPH CARMICHAEL is frustrated these days—according to D. Lavender—because the spectrophotometer and other equipment worked perfectly all year, and needed no improvising. With Allan Doerksen, he has attacked the back log of chemical analyses for nutritional studies of Douglas-fir, and 1965 may be the "caught up" year!

KIM K. CHING reports that the past year was eventful. Aside from hopping from plantation "to plantation" in the northwest, he went to the Orient by invitation of The University of Taiwan, Taiwan Forestry Bureau, and The Joint Commission on Rural Reconstruction, to give a 2-weeks Forest Genetics Short Course to practicing foresters.

STAN CORDER completed a study of residues available at sawmills and plywood plants in Jackson and Josephine Counties. Major effort for the year was an investigation to determine the best means of indicating strength of structural lumber by non-destructive tests.

RAY CURRIER spends most of his time on manufactured products research, but does assist Tony Vliet in teaching one course. This is just enough to develop awareness of some of the problems associated with teaching.

ALLAN DOERKSEN was employed in January. He had a great time in June receiving an M.S. (Botany) and catching a MRS. (Pamella). These left him so shook that he accepted full-time charge of the microtechnique lab. in July.

LEIF ESPENAS reports that in general this has been another busy year in Forest Products research that unfortunately was marred by the loss of two staff members. In addition to the regular research program, a substantial amount of cooperative work has been undertaken, particularly in pulping research. Doug Glennie left the Laboratory in October to join Crown Zellerbach's research staff and Tom Albert joined Collins Pine Co. in November.

BOB GRAHAM spent two interesting fall months visiting forest research organizations in northern Europe. Since his return, he has been struggling to thin the forest of fin- (Please Turn to Page 15)

With the Classes . . .

OBITUARIES

Colonel CARYL R. HAZEL-TINE, class of 1918, passed away on February 17, 1964.

JAMES R. HYDE, class of 1964, passed away on September 7, 1964.

SIM E. JARVI, class of 1932, apparently died of a heart attack while pursuing one of his favorite pastimes, hiking on Mt. Waterman Trail of the Angeles N.F. Sim had been Supervisor of the Angeles N.F. since 1959. He was respected by foresters throughout the nation as a trail-blazer who pioneered forestry methods in Southern California that are commonly practiced throughout the U.S.

HARRY I. NETTLETON, class of 1921, passed away on October 30, 1964, as a result of a heart attack. At the time of death he was teaching here at the Forestry School on a part time basis. Net had a long and varied career in forestry. In addition to his many years of teaching and managing the school forest he held the positions of Chief Forester for the Navajo Nation at Fort Defiance, Arizona, and Forester in charge of research and education for the O. and C. lands. His wife Peggy has generously donated his entire collection of forestry books to the O.S.U. library.

FRANK WALLACE POPENOE, class of 1951, passed away September 12, 1964.

Colonel E. MORGAN PRYSE, class of 1922, died in a Washington, D.C. hospital. Colonel Pryse had retired in 1956 after 39 years of civil and military service. He had a degree in law as well as forestry. In 1930 and 31 he was secretary-treasurer for the Society of American Foresters. At one time he was Regional Director for U.S.A., Belgium and General de Gaulle presented him with the French Croix de guerre.

RAYMOND WIEST, class of 1931, passed away on February 11, 1964.

ALVA WILLIAMS, class of 1950, passed away on March 29, 1964, as a result of a stroke. Alva was with the Spaulding Pulp and Paper Co. at Cloverdale, Oregon.

ITEMS OF INTEREST

HARLAND R. CRAVAT, class of 1942 was presented a silver medal by the U. S. Dept. of Commerce for meritorious service by the Secretary of Commerce. Harland is chief of the operations branch of the Photogrammetry Division of the Coast and Geodetic Survey.

MIKE NEWTON, class of 1959 is applying for a patent for his new chemical hatchet for thinning and weeding. The new hatchet can help thin up to 2,000 trees per man day as compared to about 500 trees using other methods. The hatchet uses an inexpensive low toxic arsenic compound that will kill trees in 2 to 3 weeks. Enough chemicals can be carried in a small plastic bag attached to a man's belt for 1,000 injections.

WILLIAM J. O'NEIL, class of 1917, Professor Emeritus, University of Missouri's School of Forestry was awarded an Honorary lifetime membership in the Forestry Club. This is the highest honor conferred and only the second granted by the club. In making the award, the Forestry Club noted, "It is our purpose to recognize and salute one of the most outstanding persons we have known—a patriot of his time, a professional forester of highest reputation, a teacher of fantastic devotion, a gentleman held in high esteem by all who know his name."

SECOND GENERATION FORESTERS. Relatives of foresters enrolled in the Forestry School this year for the first time include: Donald S. Blaisdell, Robert O. Davidson, Tod R. Files, Everett M. Hansen, James E. Jess, Stanley C. Schmokel, and Joel C. Woods.

SCHOOL VISITORS. Some of the alumni and their families visiting the School in 1964 include: Lawrence Duncan 1954, Harry B. Forse 1934, Bill Coggan 1953, Leland Morrison 1957, and Al Stoll 1952.

1910

HAROLD D. GILL. "I now have a granddaughter attending O.S.U., Kaye Paterson, a sophomore. I am retired from J. K. Gill Co. but am still on the board. My wife and I live at 2578 S.W. Montgomery Drive in Portland. My daughter, Lisa Paterson is the society editor of the Oregon Journal. She went to Washington. I write for the papers a little on experiences and observations of long ago.

T. J. STARKER. "Still trying to make more 4-foot leaders. Mrs. Starker passed away Oct. 8, 1964."

1915

BEN C. CULVER. Ben has spent the past 3 years traveling over the west in a travel trailer after retiring some time ago as a salesman of agricultural chemicals. His forestry experience consisted of tallying ships timbers for a year and one-half. Ben and his wife had five children and now boast of 11 grandchildren.

1916

FREDERICK A. HOLMES. "I am eligible to retire from the engineering Dept. of the S.P. Railroad. I am twice a widower. My older son, Don Holmes, is a Project Engr. for Lockheed Aircraft. My younger son, Arthur Holmes is a Forester at Eugene, Oregon."

1917

F. P. CRONEMILLER. "Since retiring in 1958 have been a consultant and have had jobs with the State Div. of Forestry, the Dept. of Fish and Game, the Wildlife Conservation Board, San Mateo County and am now Project Director for the City of Palo Alto developing a new mountain park they have acquired. Have three crews totaling forty-five men in summer. It's most interesting work, particularly teaching 17-22 year olds how to work."

W. J. "JIMMY" ONEIL. "Degree of Emeritus conferred upon me August 31, 1964. Now trying to write memoirs of 53 years in Industry, Forestry, and Education."

HARRY C. PATTON. "Living at 10250 S. W. Arborcrest Way, Portland 25, Ore. Retired in 1956 after 36 years with Hammond Lumber Co. Very busy hunting, bowling, trap-shooting and entertaining 4 grandchildren."

WILLIAM J. WAKEMAN. "I have spent 1½ years World War I, 12 years private industry, 7 years U.S.F.S. Resource Survey and

Tim. Mgt., 23 years Internal Revenue Service-Valuation Engineer. Retired March, 1961, and since then associated with Mason, Bruce and Girard, Consulting Foresters. Two daughters and five granddaughters.

1917

LLOYD D. YATES writes "I've always been proud to have been a member of the School of Forestry, and of the growth and improvement upon the foundation laid down by Dean Peavy, even though I failed to become an active forester. The courses and quality of instruction are a far cry from the meager resources of my day. Now at 73 I would be utterly lost in the woods since my legs started to give out in 1959 and a walk of 100 yards is too much—I must keep quiet but can drive indefinitely."

1920

LLOYD C. REGNELL. Returned to the U.S. in Aug. 1963 after having spent a total of twenty-three years in foreign countries, all as a highway engineer with the Bureau of Public Roads. His wife, Ruth, accompanied him on all of his foreign tours which included Panama, the Yukon, Philippines, Ethiopia, Liberia and Nepal. Although Mr. Regnell started his career with the Long-Bell Lbr. Co. with whom he was employed for over five years he later switched to government highway work and has now accumulated over 36 years of service. His son, Don, has his own insurance agency in Bethesda, Maryland, and has four children.

1921

J. W. MEDLEY. "I have been retired for 11 years now and still enjoy hunting and fishing trips. Keep busy the rest of the time looking after our home and 1 acre lot."

CARL A. RICKSON is manager—Columbia River Log Scaling and Grading Bureau.

1923

ERNEST E. FISCHER. "Since I was a forestry student when the 'Annual Cruise' was first published (about 1920) I am probably a bit prejudiced in regard to discontinuing this fine publication. By all means let's have this annual continued. After all what's a dollar these days?" (There will be an A.C. this year—Ed.)

DEWITT C. JONES. Retired from Insurance Adjusting in Feb., 1964—still lives in Florida.

ERNEST WRIGHT. "Made my second retirement Oct. 23, 1964 this time from O.S.U. faculty and the Oregon State Forest Research Lab. Have taken permanent residence at the Senior Estates, in Woodburn, Oregon. The latch string is always out for O.S.U. Fernhoppers."

1924

PERCY E. MELIS. After 40 years of Federal Service mostly with U.S.F.S. and Bureau of Indian Affairs Percy E. (Pec) Melis retired from the position of Area Director, B.I.A., Billings, Montana and with his wife, Clara, is now living in Salem, Ore. Between visits by 11 grandchildren he keeps busy trying to play golf and bridge.

1925

GEORGE R. HOPPING. writes "On Nov. 14 this year I shall be retiring from the Canadian Dep. of Forestry after 40 years service. Plan to spend the following winter in Mexico. My wife and I are well and busy keeping track of 15 grandchildren. After Mexico I don't know just where we'll come to visit."

VERN E. McDANIEL. "On August 31, 1964, I retired from the Forestry Dept., State of Ore. after being employed for 41 years. Mary and I have moved to Corvallis. We seem to love this Corvallis area and O.S.U. My love for forestry work in all its phases will never cease. Come and see us."

S. C. JONES. "I retired on July 1, 1964 having reached the ripe old age of 66. I am continuing on the Entomology Staff O.S.U. on a quarter time basis. I have time now to do some of the things I have wanted to do but found insufficient time to do them. I am spending more time now at my beach cottage at Waldport where I have been doing salmon fishing among other things."

1927

CHARLES W. FOX. "Retired from position of Vice President of U.S. Plywood Co. and am devoting most of time to what used to be extra-curricular activities."

JAY B. HANN. is Branch Chief in Charge of Job Corps activities in Region 4 U.S. Forest Service Ogden, Utah.

JOHN C. WILKINSON. writes "I am retired. My wife is head of the lending dept. of Portland Public Library. John L. graduated from OSU 1958, Industrial Engineering. Robin L. graduated from Oregon U. 1960. Both boys are married. John employed by Boeing, Seattle and Robin employed by U.S. National Bank, Portland."

1928

W. REX DENNEY, is retired from U.S. Forest Service and was recently elected Mayor of Dufur, Oregon.

JOHN M. HENDERSON. "Still doing business in the same stand—Managing the State Hospital in Modesto. About one more year and I intend to loaf full time. Hope to have more time then to take part in Alumni and other activities for I really enjoy them. Regards to all and especially Pat Patterson."

DOUGLAS R. MILLER. "Am with U. S. Forest Service—Regional Office San Francisco, Calif. Spend my time on Forest Disease Detection, Evaluation, and Survey."

PHILIP L. PAINE. "We are still enjoying our annual winter trek with travel trailer to the California desert with its glorious sunshine and warmth. Plan to travel by trailer to Mexico winter 1965 and 1966 with the Wally Byam Airstream Caravan."

1929

ADOLPH C. BYRD. is Still drying lumber for Ochoco Lbr. Co. at Prineville Oregon.

LAWRENCE W. EICKWORTH writes "Am still interested in forestry—plant trees in my spare time although I sell real estate for a living."

DANIEL H. JANZEN. "Retiring Dec. 30, 1964 after 37 years in Government Service—the last eight as Director, Bureau of Sport Fisheries and Wildlife. Want to harvest a few of the ducks and fish we have been so carefully protecting during the years. Will make my final move to the southern appalachian area in the vicinity of Greenville, South Carolina—a garden spot for an ex-Forester!"

1930

RICHARD S. KEARNS. "A former staff member, after spending several years in the Philippine Islands, is semi-retired as general manager of Insular Lumber. He will continue as a consultant to the Company and make a couple of trips per year to the companies operations."

VONDIS E. MILLER. "Retired in January as supervisor of The Umpqua N.F."

PHILIP A. NEWTON. "Assistant Supervisor, Timber Management, Nat'l. Forests of S.C. Son, Philip Jr., Capt. USAF, Portsmouth, N.H. married—I girl and 1 boy ages 2 yrs. and 2 mo. respectively. Daughter, Sandra Newton Sale, Louisville, Ky. Husband attending Baptist Seminary. Daughter, MaryLynne—attending college at Columbia, S.C."

1931

ALBERT ARNST. "In November, I marked the beginning of my third year in the na-

tion's capitol. Am a staff assistant to Deputy Chief A. W. Greeley, U.S.F.S. in N.F. Resource Management See lots of Oregon Staters pass through the building on details, vacation trips, reassignments, etc.

HAROLD BOWERMAN. "I am now a 'lawyer' in the Rs/W Section, Division of Lands. It is an interesting assignment—a far cry from field administration. Our daughter Jean Churchill is with Frank in San Jose. He is in electrical research with F.N.C. Corp. Jean is teaching 4th grade. Mae Culbertson and Dick are at Ripplebrook R.S., Mt. Hood, Dick is TMA, Collawash."

PHILIP C. JOHNSON. As Project Leader, Division of Forest Insect Research, Intermountain Forest and Range Exp. Sta., U.S.F.S., Missoula Montana, is responsible for direction of research on bark beetle pests of coniferous forests in the northern Rocky Mountains; also conducting a study of the ecological associations between epidemic infestations of spruce budworm and host forests of Douglas and true firs in this region. Mrs. Johnson (Evelyn Buell Eldredge, BS '31, MS '52) at home; Son David Asper, BA '62 University Washington, journalism, now UCLA law; son Ronald George, senior in math., U. of Washington.

1932

VELDON A. PARKER. "In F.S. serving as Asst. Regional Forester in charge of Operations and Fire Control at Milwaukee, Wisconsin. Wife, daughter 17 and son 11 living at 3025 W. Valanna Court, Milwaukee 9, Wis."

D. W. PATCH writes "I guess you would say that I am one of the 'renegades' that did not pursue Forestry. Following my graduation from the School of Forestry in 1932 I entered teaching. The years 1932 to 1951 I served as teacher and/or administrator in Halfway, Adrian, Burns and Nyssa, plus a one-year stint as Educational Advisor in a CCC Camp located at Redmond. I have been with the Dept. of Education in Salem since 1951 in a variety of positions, the most recent of which is that of Director of the School Lunch Program. My family consists of my wife and two grown sons. My wife is a Social Science teacher in North Salem High School. My two sons are both married, one lives here in Salem and the other in Michigan."

1933

GAIL C. BAKER writes "I am Asst. Chief, Division of Fire Control, for R6 (Wash. and Ore.) of the Forest Service. Have wife and 3 children. Oldest boy a freshman at OSU."

CARROLL E. BROWN. "Still working as Forest Supervisor of Rogue River National Forest. Our big push this year was development of Mt. Ashland Winter Sports Area."

ROBERT E. COURTNEY. "Now Supervisor, Tonto National Forest Phoenix, Arizona. A forest that goes from the Saguaro deserts to the pine and fir under the Mogollon (pronounced Mug'ee yone) Rim. Wife, son, married (2 grandchildren) daughter college married (2 grandchildren) daughter in Phoenix."

HARRY A. FOWELLS. "Am now Chief, Branch of Silviculture, Division of T.M. Research U.S.F.S. Also a grandfather, with granddaughter here and grandson in California. 25 year rotation."

WILLIAM N. PARKE. "Have retired from the F.S. and am taking on another assignment as Executive Sec. for the Pacific Northwest Ski Area Operators Assoc. Family is returning to Portland where we will make our headquarters—as soon as we can buy a home."

NORMAN F. SPANGENBERG is assistant Personnel Officer—California Region U.S.F.S.

Resides with wife Elizabeth Walters (OSU 1932) at 29 Angela Ave. San Anselmo, California. One son, Earl, 1962 graduate from OSU, now Lieutenant in U.S.A.F.

HERBERT E. STAPLES still works for the Multnomah County Road Dept.

HAROLD A. THOMAS. "Retired from Forest Service in July 1963. Now working as a Forester for Medford Corporation. Have a granddaughter 1 month old."

C. H. WILLISON writes "Son Paul is working on a science degree with major in meteorology. Daughter Carol is married and living in Indiana where her husband is working on a doctorate in biology. Daughter Lynn was on a 4 month study tour from Lewis and Clark College to Athens, Greece. Parents busy keeping up with them."

STANLEY BISHOPRICK says he is "Busier than I have ever been and don't see any let up in sight."

HARRY B. FORSE is in charge of the Protection Division of the B.C. Forest Service in Victoria.

LEE O. HUNT. "Second year of retirement finds me busier than ever, part-time Asst. in For. Mgmt. for For. Res. Lab. OSU during field season and teaching Silviculture Practices course in For. Aide program at Umpqua Community College tree farm development."

1935

HOWARD W. BULLARD. "Have opened my own Engineering office at 1000 S.W. Vista Avenue Portland. Have activities spread through 140 degrees of longitude and I do not agree that the world is small. Family grown and out of the nest. Son Barry career Missile Engineer in A.F. Son, Tim, sweating out Viet Nam as Marine Corps Communications Officer. Three grandchildren. No hair. Same teeth. Tri-focals. Ah-sooo. Give me a call."

BOYD L. RASMUSSEN. "Dorothy (Umphey class 1937) and I are trying a third hitch in Washington. This time I am working in State and Private forestry activities. Our son John is flying for the Navy. Our daughter Mary graduates from Montana this year."

JOE LAMMI. "Presently teaching forest economics, forest policy and forest photogrammetry at the School of Forestry, N.C. State. Research is in the area of forest policy. Family consists of wife (from Molalla, Oregon) and two boys (from Oregon City, Oregon) both of whom now attend N.C. State."

1936

VERNON A. FRIDLEY. "Ruth and I are well, happy and busy. Ruth has 30 first graders this year and I am pushing a crew for Pacific Gas and Electric Co. We enjoy hearing from the old gang thru the Newsletter and enjoy the Annual Cruise very much also."

HAROLD W. GUSTAFSON. "Working as Recreation and Fire Staff on the Okanogan N.F. Wife Velma is secretary at Virginia Granger School in Okanogan. Son, Phil is married and a senior at Univ. of Idaho. Daughter, Ann is a freshman at O.S.U."

EDWARD H. MARSHALL. "We are back in the Pacific N.W. after a 3 year assignment with F.S. in Washington D.C. as Asst. Director Cooperation Forest Fire Control Program. Am now Asst. Regional Forester, State and Private Forestry, U.S.F.S., Portland. Our son, Ed, is taking Pharmacy at OSU. One daughter teaching in Portland. Other 2 are married. Have 5 grandchildren."

ROBERT H. MEALEY. "District Ranger at Blue River, Oregon for last 4 years. Family is grown—five grandchildren."

WALLER H. REED is Forest Manager, Collins Almanor Forest, Collins Pine Co. Chester, Calif.

GEO. H. SCHROEDER. "Daughter Nancy was doing grad. work at U. of O. this past summer—now back teaching music at Kent, Washington. Older son Neil came back this summer with all A's on a National Science Foundation Scholarship in Oklahoma and is Chairman of the Math Depts. at the two Tigard Junior Highs. Younger son George Leonard trying to make his 3rd letter in football in his Senior year at High School—made the Nat. Honor Society last year—also this past summer successfully competed with 20 college students in an 8 week trigonometry course at P. S. College. Clara and George Harwood know they're over the hump since all they can do now is boast about their children."

JAMES W. THOMPSON writes ::I am timber sale Staff Officer, Ochoco N.F., Prineville. Married, two sons: Doug, a carpenter in Bend, Oregon. Gary, Sophomore, OSU (Pre-law). I've recently completed 30 full and pleasant years in the Forest Service started in the Spring of 1931. Best regards to my fellow fernhoppers!"

1937

MARVIN G. ANGLE says "Not much change since last year. Same place, still with International Paper Co. Just a year older. The oldest boy is a senior in Med. School. Next a sophomore in College, last a junior in high school. The girl is the oldest. She presented the family with the second grandchild. A girl this time."

HOWARD A. COLLINS. "With the big getting bigger we find ourselves as independent wholesalers forced into going into a new business of selling millwork including doors and hardware. Kathy is 7—Bruce is 9 and Mom and Pop have lost track."

CARL L. HAWKES. "Finally got one of my children to go to my alma mater. Daughter Marie is a Senior by transfer."

ORVAL E. JESS. "District Ranger, Sweet Home R.D., Willamette N.F.; Everyone busy; Wife, LaDonna, educational secretary in local elementary school; Pamela, senior in nursing at Chico State College practicing in Air Force Hospital in San Francisco; James, freshman in forestry at OSU; Jann, sophomore in High school."

J. R. STEVENSON. "Now in third year of Science School Teaching, and thoroughly enjoy this change of pace. Four grandchildren but no fernhoppers yet, with 3 grandsons there is always hope. More oil wells than trees in my backyard here in the '4-corners'."

WILLIAM A. WELDER. "Daughter Lynn is a nurse at Sutter General in Sacramento. Jane is working at McClellan Air Base, also in Sacramento. Kathy in High School. Rest of family, Veva S., no change. Still on job with Fruit Growers. Past fernhoppers Stan Gordon and Paul Rooney also on job."

FRANK C. WHEELER. "Still working for Edward Hines Lumber Co. as a Forester at the Hines, Oregon operation. Am having a busy year as President of the Oregon State Elks Assoc."

K. O. WILSON. "Same job—USFS Regional office—Fire Control, Portland. Real good fire season in 64. Number one son headed for college next year—may be coming your way. Number two son sophomore in H.S."

1938

RODERICK K. BLACKER. "Is the supervisor of the San Juan N.F. in Durango, Colorado. He was previously supervisor of the Shoshone N.F. in Wyoming."

KENNETH A. BURKHOLDER is presently serving as Chief, Branch of Protection, BLM, Portland, Oregon. He has fire prevention and control duties on 15 million acres of BLM lands in Oregon and Washington.

C. DOUGLAS HOLE is Asst. State Conservationist, Soil Conservation Service, respon-

sible for Watershed planning and operations in Hawaii.

BERNARD MCLENDON. "Re-elected County Supervisor Del Norte County, California for 4 year term. Family vacationed in Mexico (lovely wife—2 boys and 2 girls). Tidalwave of March 28, 1964 destroyed 1 house, 3 offices, but we rebuilt bigger and better and weathered the flood better than most who suffered losses."

B. SAF TAYLOR is employed by Elk Lumber Company, Medford, Oregon as Woods Manager. Has 2 daughters and one son and three grandchildren.

GLENN THOMPSON. "USFS Atlanta Co. Region 8. Assistant Regional Forester. Watershed Wildlife Range and River Basin functions. Wife Jo and I like the productive South lands."

CLAYTON WEAVER is still in Washington D.C. as Chief, Branch Organization and Work Programs—Forest Service.

1939

GRAYDON M. ADCOCK writes "Employed as a Forester by Willamette Valley Lumber Co. at Carlton. We have one son who is a senior in high school this year, and we live on 10 acres just west of Carlton."

GILBERT M. BOWE is a partner in firm of Mason Bruce & Girard, 1030 American Bank Bldg. Portland, Oregon.

CHARLES L. FOSTER. "Employed by International Paper Company as Woodlands Manager—Gardiner-Vaughn area. Wife MaryJo, OSU 1941, is holding up well. Daughter Molly, age 23 employed by Sacred Heart Hospital—Eugene in record library."

HERB HAMMOND, JR. "Home in Corvallis operating builders supply and wood-working business. Son Herb now an OSU sophomore Fernhopper and daughter Vicki a high school senior."

MERL A. HAYGOOD. "I am still in Post Office at Philomath Oregon and living with my mother."

KEITH HUTCHINSON. "Married Lavena Beddingfield '42, Son-Bruce '48, Daughter-Pamela '51, U. S. Army '41-'46, C.S. For. Exp. Sta. '46-'59, Ohio State U. MS Ag. Econ. '59, NOR For. Exp. Sta. '59-present."

JOE M. LEBOW. "We live 2 miles from the big Oroville Dam now under construction. My wife and I conduct regular tours!"

VANCE L. MORRISON is Assistant State Forester, State Forests Division having spent 23 years in Salem—"The place to live". Home with wife and 18 year old daughter at 1144 24th NE.

JOHN B. SMITH writes "In May 1964 I was assigned to Region 10 as Assistant Regional Forester for Resource Management. Southeast Alaska is a most interesting forestry area, and we enjoy living in Juneau in the 49th state."

ELMER L. SURDAM is Manager of Forest Industry's Two-way radio communication program. This private undertaking is sponsored by Tree Farm operators to provide reliable radio communications for field operations and the protection of life and property. The National Headquarters is in Eugene, Oregon but the manager may be any place in the U.S.

1940

LUCIEN B. ALEXANDER. "Still a partner in Mason Bruce & Girard. Two sons at OSU—both in Science. They learned about Devil's Club and Salmonberry early in life. Still live at 11848 SE Rhine and have an office in the American Bank Bldg., all in Portland."

BOB APPLEBY is with the Division of Fire Control, USFS Portland, Oregon.

DALE E. BURNS writes "I am now a fifty year old grandfather, and after thirty-one years of married life (same good wife) live

at 2241 Dellwood Avenue, Medford, Oregon. A partner in the Ed Fountain Lumber Company (Wholesale)."

HOWARD W. KIRKPATRICK. "We all keep plenty busy. Did manage to take off for 3 weeks vacation to crowded Calif. and happy to return to Oregon. Give us a call when in Eugene."

A. D. McREYNOLDS. "Any remarks I make I do not like—it only makes me older. I have been a tree farmer for Giustina Brothers Lumber and Plywood Company for 17 years. My son Larry is first year science at OSU."

HERBERT A. PETERSON JR. "I have been promoted from forester—lands and survey to chief forester in the California timberland division at Arcata. I joined the Simpson staff in 1957 at Korbelt."

OLIVER PETTY says "I have been a commercial bookkeeper in the Willamette Valley 15 years now, with Forestry as a second love expressed mostly in 6 acres of Christmas tree plantation. The family consists of Sylvia 12, Walter 10, and Dean 7, Douglas 5 and Martha 13 months."

A. W. PRIBNOW. Col. Andy writes from Vietnam where he is Chief of the Air Mobility and Firepower and Vulnerability Sections. He had a ringside seat for the coup d'etat. He witnessed the attack on the palace from the roof of his hotel only 100 yards away.

JAMES M. USHER is Regional Engineer for Intermountain Region of U.S. Forest Service, Ogden, Utah.

FRED J. SANDOZ. Fred has been recently appointed as logging manager of Evans Products Company's Aloha Timber Operations near Aberdeen, Washington.

JOE F. SIMPSON. "We have been living in Sicamous, British Columbia, since 1955, and have Sicamous Supplies, Ltd., a building supply and sporting goods store. Our two sons are in school: Jay, 20 is in his second year at the University of B.C. in Vancouver; and Bill, 17, is a senior in high school."

BRUCE STARKER. "Thinnings, exchanges, landsales etc. don't leave enough time for sailing my 19 ft. "Lightning" or for skindiving."

ROBERT N. THOMPSON writes "Still at Big Creek, California as District Ranger on the Sierra N.F. The Pineridge District is a busy one getting busier each year. Our oldest son Gary is a junior in High School this year and has his sights set on a career as a forester. Perhaps another Oregon Stater."

MERLE H. WINN is Chief, Branch of Construction and Maintenance, B.L.M., Portland.

1941

DONALD R. BAUER is Forest Supervisor San Bernardino National Forest, California.

J. WARNER BLAKE. "I spend my week supervising insurance claims in Texas, Arizona, New Mexico and teach a smattering of Forestry now and then to an aspiring boy scout."

CARL BRAMAN is President of Hiway Products Inc., Vice-President of Bramco Inc. Married—wife Frances, son, Steve 12 years old. Daughter—Valeda 5 years old. Has just won first political race—elected to city council. Started tree farm on part of his 170 acre farm east of Stayton Oregon.

OWEN P. CRAMER writes "Have specialized in raising sons—4 from 11 to 17—and researching weather conditions in mountainous terrain of the P.N.W. that affect forest fire behavior. Am project leader of the Fire Weather Project at the Pacific Northwest For. and Range Expt. Sta."

RAY DOUGERTY. "Still Timber Management Officer on the Shasta-Trinity N.F. at

Redding, California and never miss a chance to extoll the virtues of OSU."

WAYNE E. GURLEY. "District Ranger—Mt. Hood National Forest—Retired. Local Activities—Museum Commission, Civil Defense, Am. Legion, Lions, Budget Committee, Etc. Recreation—wife and I fish and hunt and collect rocks and Indian artifacts."

VAUGHN HOFELDT writes "Bob Horn, '41, and I were amazed to find ourselves in business conversation the other day. We changed the business to OSU in a hurry!"

ARTHUR HAROLD SASSER. "Still call home 94 Green Acres Rd., Eugene, Oregon. Continue to work for the Oregon State Dept. of Forestry as Farm Forester with headquarters now at Eastern Lane Forest Protective Association, Springfield. Work area consists of Benton, Lane and Douglas Counties."

C. W. RANDRUP. "President of R & R Logging Co. Logged 26 MM for Feather River Lumber Co. in 1964. Produced 37M pounds of almond meats in Le Grande, California—Logging address, F.R.L. Co. Loyalton, California."

WILLIAM W. WOODWORTH. Wm. Woodworth and family Jean Bowman ('43), Daughters, Barbara Betty and Son Wm. Jr. now reside at 2853 Willow Drive, Lebanon, Oregon. Woodworth has been transferred by CZ Corp. and is covering southern Oregon as chip buyer for CZ Corp. Daughter Barbara is attending OSU where she is working towards a masters degree in zoology.

RALPH F. YEATER is with the State Dept., Salem. Daughter, Marcia, OSU senior. Daughter, Laura, Jr. High.

1942

DALE N. BEVER. "Come see me at the Forest Research Lab or visit our home operation at 171 Fairhaven, Corvallis (camp boss Ernestine and three whistle-punks on the job. One crew member temporarily with the US Marines in Viet Nam)."

HARLAND R. CRAVAT is now residing in Washington D.C. and is chief of the operations branch of the Photogrammetry Division of the Coast and Geodetic Survey. Harland recently received a silver medal for meritorious service, presented by Secretary of Commerce Luther Hodges. (Congratulations Harland—Ed.)

HAL E. GOODYEAR reports "Lost about 120 acres reprod and 2nd growth from our Douglas city tree farm in the 17,000 acre Hayfork Summit burn in August. Maintained old logging roads really saved our bacon on the real good stuff. Wife teaching. Five kids scattered from 2nd grade to college."

LOUIS L. GILLIAM is Work Unit Conservationist for the S.C.S.—U.S.D.A. located at Condon in North Central Oregon. Wife—Jean and children Cheryl, 16, Richard, 13, Mary Jane, 12, Juli, 7 are well and happy.

LEWIS T. HAYS JR. is Branch Manager of Walter N. Boysen Paint Co. in Portland. Was elected President of the Portland Paint, Varnish and Lacquer Assn. for the year 1964-1965.

CHARLES S. LEWIS. "Industrial Forester with Timber Access Industries Co., Corvallis, Oregon Hdqtrs. Operations Area, Western Oregon. Working on Graduate Degree in my spare moments."

WILLIAM S. PHELPS has recently been promoted to executive assistant in the State Forests Division, Salem.

J. S. PRESCOTT. "Am now General Manager for Dominion Bridge Co. in British Columbia. We manufacture bridges, buildings, tracks, digesters, etc. Also part owner small logging outfit, logging 15 million per year. Not much time to spare and enjoy every minute of life."

A. H. RAUCH. "Still with US plywood at Lebanon as Mgr. of R & D for Oregon Division. Oldest son in service. Oldest daughter in Nurses school, remaining 8 in various grades and high-school with 2 still at home. Plan to renew acquaintances at Fernhopper Banquet April 3rd."

REX W. WAKEFIELD. "General Manager of lands and operations owned by Rex and Ethel Clemens. Wife Mabel is teaching school in Corvallis. Betty, O.S.U. 1964—teaching near Annapolis, Md. Nancy, a Jr. at U. of O. Our door swings in and we are always happy to see our friends."

1943

ROBERT H. RUTH. Bob Ruth is still doing research work in Corvallis. He is Project Leader of the Silviculture of True Fir—Mountain Hemlock and Sitka Spruce Western Hemlock Project and also serves as Director's Representative at the Forestry Sciences Laboratory. Home is at 714 North 30th Street.

WILLIAM E. WELCH. Bill and Ruth Welch are both active in their business, Construction Components, Inc., selling forest products for construction use. Daughter Penny is spending her junior year at University of Madrid in Spain. Twin sons Bill and Bob are sophomores at Harvard.

1944

K. HENRY GRANAT for last 12 years has operated Blasen and Granat Lumber Corp. (along with D. W. Blasen, 1947)—lumber wholesalers in Portland, Oregon. Married with 5 children, one daughter now enrolled at OSU. 3 children in grade school and oldest daughter married and is a teacher in Beaverton school district.

LYLE F. SMITH reports "Still married to the same ole woman and 4 kids—still Forest Staff Officer on the Toiyabe National Forest—Region 4. Been on the same forest since graduation."

1945

S. T. MOORE is Forest Supervisor, Siuslaw N.F. Corvallis, Ore.

HUBERT O. PESSNER. "Still living in marvelous Marin County, and still doing business as West Coast Timber Products, Inc. in San Francisco. Have 3 children, Sandra 8, Kirk 11, and Verne 20. Couldn't convince Verne to go to OSU; and after Marin J.C. he decided on the Air Force, and is studying photography at Lowry Air Force Base, Colorado. Perhaps we can get Kirk and Sandra to go to OSU, or at least we'll try."

1946

WALLACE EUBANKS is Supervisor of Timber Appraisal for Oregon Tax Commission. Has a boy in Forestry School, OSU and girl in 9th grade.

ROBERT C. LINDSAY writes "Working now with log sales, chip supply and pulpwood as well as some timber management on the Olympic Tree Farm. Port Angeles, Washington is now home. Crown Zellerbach still my employer."

WALTER F. SARGENT. "Present position: Asst. State Forester, Protection Division, State Dept. of Forestry, Salem. Still living in Forest Grove, but plan to move to Salem when son Dennis graduates from high school in June 1965."

1947

LOUIS K. BATEMAN is presently employed by Oregon State Tax Commission as Supervisor of Timber Valuation. At home 5045 Bailey Road, with family of three.

D. W. BLASEN is still wholesaling specialty forest products through Blasen & Granat Lumber Corp. formed with Hank Granat in 1953.

JAMES H. BRIGHAM is living at 1060 Date Ave., Coos Bay. Works at Moore Mill

and Lumber Co., Bandon and Cape Arago Lumber Co., Empire.

JOSEPH V. FLYNN is Asst. Regional Forester, Division of Lands, U.S.F.S. Region 5, San Francisco, Calif.

EUGENE D. HANNEMAN. "After over 18 years with the State Forestry Dept. I resigned to accept a position as a Forester for the State Tax Comm. My wife Barbara continues her work in the Legislative Branch of the state. Twin daughters Laurie and Linda are Juniors and son Craig a sophomore at Cascade High School."

GEORGE V. JOHNSON writes "now regional manager, Plywood Mill Sales, for Georgia Pacific in Chicago. Living in Suburban Lansing Ill., with wife Helen and 2 children. Don't see many fernhoppers except on an occasional trip to the coast."

DONALD D. MALMBERG. "My wife, Stephanie and daughter, Tanya are busy residents of Seaside, Oregon where my job as Research Forester for Crown Zellerbach keeps us busy."

JOHN EDWARD SCHROEDER is Deputy State Forester, Oregon State Dept. of Forestry.

JACK B. SHUMATE. "Still working as Forest Supervisor of the Dixie N.F. in Cedar City, Utah. The family gets older, with son Jon married and an upper classman in Forestry at U.S.U. Logan, Utah, while son Jim works his way through the mysteries of the 8th grade. We see a few Fernhoppers from time to time here in the Land of the Rainbow Canyons."

GORDON STANGLAND says "Am a contractor—sewer and water—some clearing. Wife Harriet and 3 children live a peaceful sedentary life in Northern California foothills."

1948

F. LEROY BOND writes "Family—wife—3 children scheduled for Oregon State in 1966-68-72. I am Forest Supervisor, Malheur National Forest in John Day, Oregon."

K. G. BORCHGREVINK. "Still operate out of Weyerhaeuser's Technical Center in Longview as Product Specialist for the Co's hardboard and panel products. Family still wife, Nancy and 4 children: Karen (15), Beth Ann (13), Eric (9) and Janine (8)."

PHIL BROGAN is Timber Management Coordinator, Willamette Area, State Forestry Department. Family (wife, Viola; Gail 11; John 8; Alan 6) now lives at 755 Cascade Drive, NW, Salem, Oregon.

RAY CRANE. "Have lived in Corning, California since 1948. Currently Gen. Mgr. of Crane Mills—producers of 32 million ft. annually of Pine, Fir and Cedar lumber. My wife June (Van) Crane (OSU 1945) just had our fifth child a boy (Brian Thomas) on 6/29/64 giving us a 'full house' of three boys and two girls."

ROBERT E. FLYNN is assigned to the Sierra N.F. as Staff Officer in Fire Control and Watershed Management.

ROBERT E. KISCHEL writes "This past year my work with Douglas County has become even more varied; appraising and negotiating for the County's purchase of city properties. Was on the campus in Sept. for tax appraising school and couldn't help but feel that our old Forestry building ought to be up dated, especially in view of the modern accommodations of newer schools. The old building holds a lot of memories but we are competitive."

ART McPHERSON. "The McPherson family still the same. Have all been busy trying to be good citizens in this election year—working for the conservative party of our choice. Also partner in new Chico business: American Opinion Book Shop, 1352 Man-

grove Ave. Pine moulding business a little tough in 1964 due to lumber price squeeze and drop in residential housing starts nationwide. Will keep fighting for our share, however!"

WRIGHT T. MALLERY says "Have been Supervisor of the Umatilla National Forest of NE Oregon and SE Washington for over 3 years. It's been a rewarding period. Several of my staff are OSU grads too, Al Oard, Jay Hughes and Gordon George. My wife Betty and I have four daughters."

LARRY PAGTER is Plywood Inspector for Pittsburg Testing Laboratory in Eugene.

LOU PIHA. "Thanks to the ever constant energy of my hard-working wife, Eleanor, we're still producing fine seedlings at Fernhopper Forest Nursery. This takes care of evenings, weekends, holidays, leave periods, etc. The rest of my time is spent designing roads for the Willamette NF in Eugene. Our prize seedling, Lynn, is a rough and ready second-grader now."

WILLIS E. RAGLAND writes "Hello from the Raglands. We are still holding fort at Baker, Oregon. Though we haven't made foresters out of either of our two boys, we are making Oregon Staters out of both."

DAVID H. ROGERS. "Presently employed by the California State Division of Highways, currently assigned to the Sacramento river Viaduct Construction Project on US Interstate 80 in Sacramento. We enjoy the forests and mountains on week-ends with the Sierra Club."

DARRELL H. SCHROEDER. "Family doing fine, daughter 1st year high school. Plenty to do starting our new company, Miller Redwood Company Crescent City, California."

SHERWOOD C. TROTTER. "Starting third year as Forest Supervisor of the Hiawatha N.F., headquartered in Escanaba Michigan. Anticipating a very busy year with many new programs. My family and I miss the west and plan, someday, to return. Hope to attend the SAF meeting in Detroit."

BOB H. UNDERWOOD is Chief Woods Engineer, Longview Branch, Weyerhaeuser Co. Son, Tim is 14 years. Daughter Gayle is 11. Is a member of the Kelso, Wn. city council.

WARD C. WILLIAMS has just relocated in Belgium after 3½ years in Zurich, where he works in an editorial office."

1949

C. DWAYNE BLAKNEY. "Living in Corvallis, Oregon. Assistant Plant Superintendent Evans Products Co., Harboard Division. We are glad to be able to return to Oregon and have the privilege of living in Corvallis. Our family is growing up with the oldest of the three in high school."

DON BURNET is Supervisor, Wood Products Development, C.Z. Camas, Wash.

DONALD EDWIN BUSHNELL. "Still operating Bushnell Survey and Timber Service in Southern Humboldt County, Redway, California. Have been busy with several subdivisions, and have not had time for much recreation this past year. Have 5 of the 6 children in school now, and wife is full time Real Estate Salesman with United. I also took my salesman's License examination, hope sometime to tie it in with the Survey business. Right now I am looking forward to getting in a little bit of salmon fishing."

HENRY G. DAVIES. "Still growing into the job of Extension Forester for Lane County and noting with much pride the progress being made in every way in forestry, logging and milling these days."

JOHN S. FORREST. "After 9 years consulting here in Eugene I'm now a Sales and Service Representative for Central Processing Co. of Springfield, Oregon. Advanced age,

steep hills and snow complicated by a ruptured disc made me take to the freeways. The family is growing up. Steve college, Linda high school and Scott in Jr. high."

HAROLD P. JEWETT. "We are a three PTA family, Grace in High School, Gladys in Junior High, and John in Grade School. Betty is busy with church and League of women voters. I am with Georgia Pacific currently wishing the sun would shine one day and dry out the slash then wishing the next day for rain to put the fires out."

ROBERT F. KLINE. "Still making stumps on contract 2 sides in Medford and just started a new one for American Forest Products down east of Bakersfield so the Cessna 310 is getting a good workout."

ROBERT LARSON is working for Publishers Paper Co., living in Clackamas and roaming over the Cascades.

SAM W. RAYMOND writes "My wife Marian and I are now enjoying our 3 sons and daughter even more with an increasingly busy schedule for all. Now doing considerable product development and improvement work along with other duties as Process and Quality Control Supervisor of the Weyerhaeuser Hardboard Plant here in Klamath Falls. Free time finds us heading to the mountains, lakes, or the desert to camp and fish, hunt arrowheads and artifacts and enjoy the wide variety of recreational areas here. Vacation trailer No. 3 is even showing its battle scars!"

TOM E. SHRUM, Jr. says "Working for US Plywood in Roseburg. My wife, Jane, passed away in Sept. Son Robert is a senior at OSU this year in B&T."

HERMANN C. SOMMER. Herm reports the addition of John Charles to the family—Born Feb. 7, 1964. Herm is the Logging Supt. for Weyerhaeuser's Twin Harbors Branch in the Raymond, Washington area.

NORMAN (PETE) SORENSEN. "Susan and Sally are fine. We enjoy living in Tillamook very much and hope to stay here forever. Fernhoppers always welcome."

RAY L. TRENHOLM is District Warden Lynn County Fire Patrol Association.

LYLE D. WINKEL. "Howdy. Settled in P.F. working as Lab Technician in Chicago office of Plywood Fabricator Service—Quality Control and Research. Children—Sandi 15, Bruce, 13, Kendra 10."

DONALD D. WOOD reports "Still District Ranger, Galice Ranger District, Siskiyou National Forest. Marylou (Paetzhold '48) is still in many activities—church, 4-H, PTA, etc. Two girls in Fleming Jr. High now and still growing."

1950

DAN B. ABRAHAM. "Still fighting fire with fire on the Winema NF at Klamath Falls."

ALBERT J. APPERSON. "We are still doing business from our mink ranch in Salem. Our oldest son, Roland, anticipates becoming a 'Fernhopper' starting to OSU the fall of 1966, his grades and finances permitting. At 16, his interests are girls, music, sports and career in that order. Jim, at 13 is doing well in school, especially with the three R's and music. He is Concert Master for the orchestra in which he plays. Marjorie M. is very busy shuttling them here and there, leading a 4-H Club, and performing the million other duties of wife and mother. We were host family for an Israelite I.F.Y.E. boy for a short while this past summer."

WILLARD R. BERRY, 609 Spruce Avenue, Tillamook, Ore. "Not much change from last year except that I am currently serving as Chairman of the Tillamook-Clatsop Chapter of the Society of American Foresters. My term of office ends in June

1966." Assistant Unit Forester, State of Ore., Forestry Dept.

JOHN R. BRANNON. "I am working for the U.S. Forest Service at Happy Camp, Calif."

CHARLES DAGGS is now in his 11th year as a police officer in Modesto, Calif.

JIM DENISON, Box 518, Toledo, Ore. "Still on Oregon coast. Logging Mgr. for Cascadia Lumber Co. Have boat, will row. Come over fishing, sometime."

GORDON HOPLAND, 12929 NE Eugene, Portland, Ore. "Back in Portland (1½ yrs.) after six years in Midwest and East. Employed by Oregon-Pacific Forest Products in Plywood Division. Two children and all of us are happy to be back in Northwest."

GLENDON K. JEFFERIES is District Ranger, U.S. For. Ser., Ashland Ranger District, Rogue River Nat. For.

JACK JIMERSON. "Still fighting the Mexican plywood and moulding business. Live in El Paso, Texas—five children—lots of room for visitors."

HAROLD H. (BILL) KEIL. "Two boys—Dick (3) and Greg (1½) are keeping us on the jump. Had interesting two-month trip to Europe last spring gathering material for World Wood, our international forest industry publication. Visited England, France, Germany, Switzerland, Italy, Austria, Denmark, Norway, Sweden, Finland—regular grand tour. Visited Ward C. (Baldy) Williams '48 in Zurich. He's since moved his office to Brussels. World Wood travel agenda calls for trip out in Pacific area in 1965—Japan, Philippines and possibly Australia and New Zealand. Still skiing most every weekend and putting most of spare time on improvements to weekend cabin at Mt. Hood."

LLOYD H. LARSON. "The high-water mark of this year was a two-month combination business-pleasure trip to Sweden last summer. Five weeks were spent on business with the other three weeks spent touring and sightseeing primarily in Sweden. We had a reunion of 35 relatives brought together for the first time. We had a wonderful visit that ended all too soon. The hospitality was fabulous wherever we traveled. Some of the highlights were visitations to Goteburg, Stockholm, Lake Vanern, Lapland, a cruise on the Arctic Ocean and through the Norwegian fiords. Guided tours were made by the Swedish Forest Service, pulp and paper operators, and the steel industry."

MELVIN L. LIEURANCE. "Current assignment: Recreation Area Planner, Sequoia Nat. For., Porterville, California."

EVERETT N. MACDANIELS. "presently living in Naselle, Washington, and working as Contract Logging Supervisor for Crown Zellerbach on the Cathlamet Tree Farm. My family includes my wife Wanda, and four children ranging in age from 3-8."

ALFRED E. MINATO. "Have just completed one year with Forestal International, a consulting forestry firm with head office in Vancouver, B.C. My foreign assignments have included India, East Pakistan, Honduras and British Columbia. Our two boys are 5 and 7, and we hope to have a little daughter about Fernhopper Banquet time. At present, Marcella and I are in the throes of moving to Portland from Grants Pass."

CARL A. NEWPORT. "After only 5 years in Oregon my wife and two sons already think that one week without rain is a drought. Yet we like it very much!"

DAVE PETERS, 817 Pine, Hood River, Ore. "Moved to Hood River last year as area supervisor and check scaler for the Columbia River Log Scaling and Grading Bureau."

LOUIS W. POWELL. "My family consists of a fine wife and 3 boys. The oldest is now a tenderfoot Boy Scout. Most of my spare time to taken up with my church and Boy Scouts. The good Lord has given us many blessings."

ROBERT O. REXSES has been promoted to lumber superintendent with Long-Bell.

JAMES H. RICHARDSON. "Pinkie and the girls received an earth-shaking welcome when they arrived in Anchorage March 27, 1964, the day of the earth quake. We sustained no permanent damage other than jittery nerves."

DOUGLAS S. SMITH. "This fall saw the Doug Smith family transferred from Lebanon to Eugene with the Oregon Division of U.S. Plywood. My work takes me to most parts of Western Oregon and involves a great deal of travel. Log measurement problems continues to be of interest and I am maintaining a program of one course per term toward a graduate degree in Industrial Forestry. Our three children are growing as fast as the weeds around our new headquarters at 301 Suburban Ave. in Eugene."

ED STAUBER. "I have been in Missoula, Montana for the past year and one-half as District Manager for the Bureau of Land Management. The job here is quite a contrast to that which I had spent the previous 14 years in Western Oregon, but nonetheless interesting and challenging."

GILBERT A. WARD. Gil Ward, Mary and their 4 boys are enjoying their life in Jackson, Calif. in the heart of the Mother Lode country. Gil is District Ranger on the Amador District of the Eldorado N.F. P.S. Please note the new address: 828 Sutter St., Jackson, Calif. 95642.

1951

DAVID G. BANTA. "Assisting in the management of high site second growth Douglas-fir stands on Crown Zellerbach Corp's 83,000 acre E.P. Stamm Free Farm at Vernonia, Ore. as Division Forest Engineer. Am enjoying the varied work, new associates, and renewed friendships after 8 years on the Olympic Peninsula in Washington."

TWAIN M. BREWER, 865 Kallin Ave., Long Beach 15, Calif. "Still busy as sales manager at Diamond W. Supply Co. in Los Angeles. Enjoyed visiting O.S.U. this summer and viewing the many changes."

WILLIAM E. BUTLER. "Moved to McCloud, Calif. in Sept. of this year after living in Redding, Calif. for 13 years. The whole family likes the mountain climate. Presently operations mgr. for U.S. Plywood Corp's McCloud Operation."

JOHN L. CARAGOZIAN. "Lands Staff Officer on Cleveland Nat'l For., San Diego, Calif. Appraising, buying and trading a lot of mountain real estate, but haven't made any commission yet. If present population trend continues, will have the entire Forest subdivided and sold by 1980. Family doing fine—Johnnie, 11, is quite a rock collector and Teddy, 7, collects anything, and Tony is still yearning to return to Oregon."

ROBERT M. COLE, U.S. Forest Service, Island Park, Idaho.

DANA H. COLLINS. "No change from last year—just a little grayer and a little more work worn. Timber Manager for BLM, Medford, Ore. Girl, girl, boy—7, 4, and 2 respectively. Also one wife, age?? Manage to find time to do about ½ of what I should—both at work and around the house."

IRWIN C. COWLEY. "Wife, Betty, and five children still located at Petrified Forest Nat. Park. Still performing in an acting District Ranger Capacity."

DON S. GOODRICH. "Am still District Ranger on the Garden Valley Ranger District of the Boise N.F. Our 3 children (13, 9, and

2) keep Donna and I busy outside working hours."

NORMAN E. GOULD reports he will be moving to the Mt. Hood N.F. in early 1965 where he will be director of the Timberlake Job Corps Camp. He has spent the past 4 years as Timber Staff on the Winema N.F. at Klamath Falls.

HERBERT L. HAGLUND. "I am forester with the B.L.M. and have worked with this agency since 1952. My family has grown to five boys and one girl."

CARL W. HICKERSON is the new fire control officer for the Los Padres N.F. in California. Carl has been Chairman of the Southern California Section of the Society of American Foresters.

CAPT. WILLIAM V. D. HICKERSON. "Am at Wright-Patterson AFB, Ohio Flying Helicopters, C-47s and V-3s. I miss the mountains, the evergreens and that mild northwest climate. All foresters welcome at 22 Tall Timber Trail, RR 1, Fairborn, Ohio 45324. Phone 513-864-2208."

L. CURT HINES, Forest Manager, Gardiner-Vaughn Area, International Paper Co. "I have been living in Reedsport, Oregon since Jan. 1962. My main duty now is wood chip procurement for our Gardiner paper mill."

GERHARD HUBBE. "With Willamette National Forest, Eugene, in reforestation, t.s.i., 2nd growth mgt. check cruising and T.M. plans."

C. H. JACOBSON "Living in Chester, California. Have two daughters and small son. Working as District Ranger with the U.S.F.S."

WILLIAM V. JONES. Mr. and Mrs. William V. Jones (Patsy Robertson, OSU, '48), their three sons and two daughters are enjoying their new home in Annandale, Virginia (4440 Stark Place). Bill has been in the Washington office of the U.S. F.S. since July of 1963.

DON KISTNER. "Still with Realty Section, Regional Office, Bureau of Sport Fisheries and Wildlife, Portland, Ore. Family includes wife Gaylee, son-Kendall (5 yrs.), daughter-Valerie (2 yrs.)."

RAYMOND M. LUTHY. "Just completed 10 years with Publishers' Paper Co., Oregon City. During the past ten years I have had assignments in Forestry, logging, sawmilling and am now Production Manager of the Paper Company."

HOWARD W. MITCHELL. "Residing at 1480 Skyview Dr., Medford, Ore. with wife Naomi and three boys; Steven 10, Peter 9 and John 6. Working as a Forester for Medford Corp. We have a very good Forest Management program going on the company's 80,000 acre tree farm."

BILL NEWKIRK, c/o Forest Supervisor, Roos, Nat. For. P. O. Box 567, Fort Collins, Colo. "I'm still Rec. and Lands Staff on the Roosevelt. The work and the area are still very stimulating. I met classmate Bill Jones on official business on the forest this summer. For some reason the name didn't mean much but his face did. The four children 6 yrs. to 15 and wife are fine."

GAYLORD D. "NICK" NIXON, wife Darleen, and 4 daughters reside at 1628 SE 152 Ave., Portland, 97233. Nick is Portland Area Sales Supervisor for the Plastics Division of the Monsanto Co.

BOB NORTON is Sales Manager, Herbert Lumber Co., Riddle, Oregon. At home to friends at 338 SE Claire St., Roseburg, Oregon.

MARTIN NYGAARD, 2314 Irving Ave., Astoria, Oregon. "I own and operate the M. Nygaard Logging Co. in Astoria."

WILLIAM F. SMITH. "Forester for J. H. Baxter & Co. at Willits, Calif. Have 4 child-

ren ages 1, 7, 10 and 13. Commute from Ukiah, 20 mi. south of Willits, to work daily. Active in local S.A.F. chapter. Avid skin diver, buck hunter and fisherman. Door always open to old classmates at 275 Mendocino Place, Ukiah, Cal."

ROBERT E. STERMITZ. "Have been working for Intermountain Lumber Co., Missoula, Montana since '53. Was Sales Manager until 2 years ago. Am Vice-president in charge of Sales and Development. Have been Chairman of Western Wood Products Assoc. Grading Comm. for 5 years and Chairman of NLMA Grade Standardization Comm. for 2 years."

VERLYN THOMAS, 587 Antelope Way, Eugene, Oregon. "I have been employed since graduation with a Photogrammetric firm in Eugene, Oregon. I am involved in the map control surveys, and various types of photogrammetric interpretation. In the family department, I still have the same wife, but now have three youngsters."

M. E. (Bud) UNRUH is now Supervisory Civil Engineer on the Mount Hood National Forest in Portland, Oregon.

HOWARD D. WORKINGER is a Life Underwriter with New York Life Insurance Company in Albany. Rosella is busy as always with David 13, Paul 12, and Jane 10.

DUNCAN W. BRINKERHOFF, 309 N. C St., Mt. Shasta, Calif. 96067. "Resident Forester—Hearst Wynton Tree Farm (near McCloud Cal.). I have three children—two boys and a girl. I have been here twelve years now which upon looking back seems like a very short time."

DAVID C. CHAMBERLIN. "I am still working on mining claim occupancy investigation. I meet lots of interesting old-time miners on the job and haven't been shot at yet. My sailboat got wet this year (2½ yrs to build) and the youngsters love it."

PAUL H. EGAN has been promoted to superintendent of logging operations of the Clackamas Logging Co. (the logging arm of Dwyer Lumber and Plywood Co.).

HANK FROELICH. "Still teaching at Humboldt State College, Arcata, Cal. In October we increased our family by one, a 10-pound baby girl, Susan. An extracurricular activity now underway is developing a management plan for the 700 acre Arcata Community Forest."

DALE O. FROST is still serving as Forest Engr. on the Wallowa Whitman N.F. in Baker.

DON GINGERY. "Have been working for U. S. Plywood in Roseburg, Oregon the past 6 years. Wife and family of three boys enjoy it here very much. Any of you Fernhoppers passing this way stop in. Address: 945 NE Brooklyn, Roseburg, Ore."

GAYLORD HOUGHTON. "Still with U. S. Plywood in Eugene. Have expanded my area of responsibility into Northern Calif. covering company operations in Oregon and Calif. Milly and I still live at 1907 Todd with our three girls."

DONALD E. MACKENZIE. "We are still residents of La Grande but have just purchased 31 acres near Elgin. As soon as weather permits we plan to build a home on our new homestead. Ellen keeps busy with the three girls while I chase after the company road sides and our various road contractors."

OSGOOD H. MUNGER, 555 Mission St., Salem, Oregon. "I am still working in the Highway Dept. at Salem in the Material Dept. We had a fourth child, born in August, Eleanor Rose."

KEITH PETRIE is with Evans Products Co., Box 3295, Portland, Oregon.

KENNETH POLEN is Farm Forester with the State Forestry Dept. at Forest Grove.

ERNEST B. PRICE, JR. "Am still D.R. on the Metolius District at Sisters. Lots of Fernhoppers here. Paul Stenkamp, Curt Stone, on the Metolius, Dick Platt, D.R. on Sisters Dist. and others. We all maintain a great interest in the School of Forestry."

MEL RHODES. "Now residing in the Willamette Valley. Address—1340 SW Cedar Hills Blvd., Portland, Oregon. Now 'Grandpa' as of November, 1964."

KENNETH C. ROEGNER. "I am with the BLM in Redding, Cal., but have been transferred into lands work as a Realty Specialist. Home address is 2871 Regal."

W. A. "RED" SMITH. "Still deep in the heart of Texas as Extension Forester at Texas A&M. Three children are growing up fast with Bruce just a year away from college. Bobby is interested in Forestry so we may make a Fernhopper out of him. We all miss Oregon and hope we can get back for a visit. I just started Ph.D. coursework in Agricultural Economics and I am looking forward to some work in wood products marketing." 1302 Glade, College Station, Texas.

RON SMITH. "In my 3rd year as District Warden for the Coos Forest Protection Assn. Mary Lou, our 2 girls and I moved into a new home in Sept. All traveling Fernhoppers are invited to stop when in Coos Bay!"

ELDON STROUP. "Still working for Jefferson Plywood Co. at Madras, Ore., and living in Redmond. Expansion of the company has increased my activities considerably in the last year."

1953

DAVID E. BAKER, 3330 Overlake Pkwy, Bellevue, Washington 98033. "I'm working for Simpson Timber Co. at their research center. Enjoying suburban living on a one-acre "ranch." Chill'un-wife Zella and I have two sons and two daughters, ages 10, 8, 6, and 4 respectively."

JOHN L. CHRISTIE, JR. "We still reside near Astoria where the youngsters enjoy the fresh air, the neighbors horses, and fishing in the creek. I am with OSBF in timber sales. Peg is active in church and 4-H work as well as herding 4 youngsters."

DON W. CHAPMAN. Dr. Chapman is now head of wildlife management in the College of Forestry, Wildlife and Range Sciences in the University of Idaho at Moscow.

BILL COGGAN is plant manager of AMPAC Hardboard Co. in Murfreesboro, North Carolina.

WILLIAM L. DOBYNS, JR. "Curry County Roadmaster since Sept. 1960. Very interesting work. Page 68 of Sept. '64 issue of Pacific Builder and Engineer describes some of our new type of work."

JOHN L. DU BAY has been practicing law in Medford, Ore. since 1960 and would appreciate hearing from any of his classmates.

PAUL R. ENBERG. "Still forest engineer on the Wenatchee N.F. I now have total of 3 kids. Wonderful forest and enjoyable work."

JOHN HANCOCK, Orofino, Idaho. "Have been on Clearwater N.F. for past 5 years. as Asst. Forest Engineer. Hope to be in Region 3 by this time next year."

RUSSELL H. KAHRE. "We continue to enjoy our home in Corvallis. My job as Asst. T.M. staff on the Siuslaw N.F. is a continuing challenge to apply better management on the ground. The potential for increased growth and yields on this forest is high. The chances for a forester to see at least a part of the results of his work are here and rewarding."

JOHN C. OLSON reports his address is 6397 Loma, Eureka, Cal.

REX RESLER was promoted supervisor of the Malheur N.F. at John Day.

RUSSELL WALTERS writes from Kentucky. "We are starting a new research project to determine practical cultural methods for growing and harvesting timber-related crops in the forests of the eastern mountain hardwood region. We will be working with Christmas trees, decorative plants (holly, bitter-sweet, mistletoe, etc.), and medicinal plants."

1954

ROBERT W. DICKSON. "We have been at the Twin Harbors Branch of the Weyerhaeuser Co. for 2½ years now, and this salt air seems to be agreeing with us. I am currently involved in setting up a mill process analysis program."

ERNEST D. HARDMAN. "Section Chief in charge of Timber Sales and Administration for the Southwestern Region. Family is growing up—one son Richard is a sophomore in college and Ryland completing high school this year. We continue to enjoy the sunny Southwest."

LAURI HEMMI reports from his home in Finland that the pulp industry has doubled in the past 5 years which requires concentrated silvicultural practices and close utilization to keep up the supply of raw material. They are picking up tops previously left in the woods and going down to a 2-inch diameter limit.

GENE C. HOLLOTER. "We are still here in John Day, on the Malheur N.F. The land of the cows and lightning fires. I am still in the Supervisor's Office as an assistant staff in fire, recreation and lands, and, more particularly, in charge of lands. This consists of work in rights-of-way and land exchanges, mainly. However, I am hoping to get back on a district soon. Family still consists of a wife and three boys, ages 10, 8, and 7, two cats (Hans and Fritz), and three goldfish."

VAN C. JOHNSON. "Transferred to the McCloud District, (10 miles from Mt. Shasta) with the U.S.F.S. in 1963. Still in timber and getting closer to Oregon."

ROBERT G. LEWIS. "We are expecting our first child this March and are also expecting to move to the Waldport area in February to work as Director of the Camp Angell Job Corps Center."

ROBERT B. MILLER. "I am still in Baker working on rights-of-way and Land Exchange for the Wallowa-Whitman N.F. I have been here since 1960. My family has grown to be 3 boys and assorted animals."

T. R. PLUMB. "Research Forester for the last 7 years with the U.S. Forest Service at Glendora, Cal. and now located at the Forest Fire Lab. in Riverside. Presently working for a Ph.D. in Plant Science at the N. of Calif., Riverside, with untold years yet to go. However, wife and 2 children under 2 years of age make delightful study companions."

1955

RICHARD L. BARBER. "Commissioned in regular army as 2nd Lt., Artillery soon after graduation. Saw service in Korea for 13 months as 1st Lt., commanding Artillery battery near truce line. At present in Germany as Capt., Artillery with assignment as Asst. Bn. S-3, with expected tour of 3 years ending fall of 1966. Mail address: Capt. Richard L. Barber, O-72,437, 6th NY, 10th ARTY, A.P.O. 139, New York, N.Y. Wife, Sharon K. (Barnhart) former OSU, and daughter Lynda Leigh, age 8."

L. JAMES BRADY is Timber Management Forester, Northern Pacific Railway Co., Seattle, Washington.

JAMES R. CRAINE. "Have left the Forest Service and am with the Edward Hines Lumber Co. at Westfir. The entire family is

looking forward to being able to stay in one place for a while now. We're going through the 'acclimatization' to the Willamette Valley rain again, but the second time it's easier. Now have 2 young'uns making life interesting, both at home and on the ski slopes."

JOHN CRUMB. "Have accepted the position of assistant District Warden with the Klamath Forest Protective Association. Marian and I will move down to Klamath Falls in early January."

JOHN DAVIS. "Shirley and I and the three kids have been living in Sweet Home for the past two years. Shirley is teaching bookkeeping in the high school and I'm running the ridges for Santiam Lumber Co."

DR. NORMAN E. JOHNSON. "The Johnsons are still in Centralia, Washington. I am Forest Entomologist for Weyerhaeuser Co. We never seem to run out of bug problems. Kelli is a fourth grader. Nancy is president of local theater group. I've been Lewis County Chairman for Dan Evans—our new governor."

DAVID F. KEISER. "Timber staffman on Rogue River Forest. Family increased to 5 children August 26 with arrival of Nancy."

GAYLORD K. PARKS. "Gaylord, Phyllis and 3 kids are doing fine at Canby California. Still with the Modoc N.F. as an ADR on the Devil's Garden R.D.—a nice flat district with juniper, sage and rocks for cover."

RICHARD H. SPRAY. "My wife Betty, son Doug, daughter Karen and I moved into a new home at 1380 NW 137th Ave., Portland in February 1964. I'm still specializing in the recreation management phase of forestry in the P.N.W. Office of the U.S.F.S."

JACK K. WINJUM. "We are in our second year at Ann Arbor, Michigan. I am undertaking graduate studies in silvics and ecology. My two daughters are in grade school and Jean excels in the part of the patient student-dutiful housewife. It has been enjoyable in Michigan but of course we miss the PNW and plan to return in May '65."

1956

GEORGE E. BARR. "I'm still enjoying my work with the State Forestry Dept. in Salem. Since September 1, 1964 I have been busy learning my new job as Asst. Personnel Director. My family and I continue to reside at 163 Gregory Lane SE in Salem."

JAMES E. BREWER. 1437 Milvia St., Berkeley, Calif. 94709. "Have temporarily left Alaska to study Public Administration at U. of C. at Berkeley. Plan to return to the land of muskeg and spruce next summer. Our three daughters were joined by a SON! last February."

LAWRENCE D. BROWN. "I'm still in charge of seasoning at Brooks-Scanlon, Inc. in Bend. The family has taken up skiing and will enjoy the new facilities on Pilot Butte, just east of the city limits. Come on over."

JACK CARTER. "My present position is District Ranger on the Yampa District, Routt N.F. Yampa, Colorado."

THOMAS J. EBNER. "I am working for the B.L.M. in Medford after going back to OSU for a degree in Business Administration. Other activities have been flying and Marine Corps Reserve. Still single."

JAMES G. FISHER. "Since last July, I have been working as Training and Safety Director with the Oregon State Forestry Department. My wife, four children, and I still live at 5296 Arcade Ave. NE, Salem."

DONALD K. JOHNSON. "We have been living in W. Va. for the past year. I have been designing roads and administering contracts as an aid to the Forest Service in spending money on the Government's war on poverty. P.S. There is not a single loggable tree here (according to me)."

GERRY W. KELLY is now in his fifth year as Staff Asst. for Information and Education, Snoqualmie N.F., Seattle and is publicity chairman for local SAF Chapt. Lives with wife Carol and two sons at 3854—139th SE, Bellevue, Washington, 98004..

ROBERT I. KERR. "Still in Shenandoah NP, Virginia. Hope to get back out West again sometime but the East has its good points. Any Fernhopper in the vicinity of Luray, Va. stop in and say hello."

NICHOLAS J. KIRKMIER. "Still maintaining a Fernhopper foothold up here in 'Huskie' country. Wife and two children and I are enjoying our new home in Bellevue. We did some landscaping with pines and firs from Oregon. Hope we can fight off the pine shoot moth until the Feds find a market for mothballs."

RUSSEL G. MITCHELL. "When not going to school, I have been working for the U.S.F.S. in insect research at the Pacific Northwest Forest and Range Expt. Sta. in Portland, Ore. My chief assignment has been to solve the mystery of the balsam woolly aphid and its relationship with true firs. Last summer, this project provided an opportunity for an official trip to Europe. But, there is no place like home, which incidentally is located at 4765 SE Fieldcrest Ave., Milwaukie, Ore. In addition to a good wife, I have a 3-year-old son, a 4-year-old cat, and some 5-year-old whiskey."

JIM OVERBAY. We have learned that Jim received a \$150 award for exceptional competence in his job on the Paulina District of the Ochoco NF. (Congratulations Jim—Ed.)

FLOYD E. PAGE. "Our family quickly increased with twin girls born in August."

PAUL ROONEY. "We are enjoying life in Burney, Calif. where I am employed as a forester for Fruit Growers Supply Co. The past year has seen most of my spare time spent in landscaping our new home with lots of dubious help from our 3-year-old son, Paul."

PHILIP C. SMITH works for Georgia-Pacific as log buyer and Timber Cruiser, Springfield Division.

ROBERT D. TONEY. "Have been back in Oregon 3 years now, in the pulp chip hauling business. If any alumni are in Salem give me a call at Salem Fuel Co."

DUANE K. WELLS. "Pat and I and the two kids are still living at 413 Hillview Ave., Ukiah, Cal. I am now involved with the state legislature in an attempt to improve the ad valorem tax laws as they pertain to timber."

1957

DAVE BOWDEN is with the Longview Fibre Co., Wecoma Beach, Oregon.

KENNETH L. EVANS, Redmond Air Center, Redmond, Oregon. "Claudia, Jennifer (4), Julie (3), and I have had an interesting summer getting settled at the new Redmond Air Center."

BEN FOSTER has joined the staff at the University of New Hampshire as an assistant professor.

LARRY S. GOSSETT is married, has one child, and is District Engineer U.S.F.S., Hebo, Oregon.

CHARLES WES HAMILTON. "At the present time my family (1 wife, 3 children, 1 horse, 1 'dashound' and I are here in Cedarville, Calif. where I am starting my 3rd year as Dist. Ranger on the Surprise Valley Dist. Modoc N.F. If any of you fellows really want to see 'Marlboro Country'—this is the place."

WILLIAM HARSEY has been promoted to assistant superintendent of the Clackamas Logging Co. (The logging arm of Dwyer Lumber and Plywood Co.).

(JERRY) TOM JOHNSTON. "Life in Denver continues to be most agreeable. I am in my second year of handling public relations for the Colorado Education Association and am enjoying the variety of projects offered. Other current activities include trips to the Colorado Back country, hacking-type work on the 2nd half of a Ph.D., and steady slippage from the state of single bliss."

WALTER H. MEYER, JR. "I'm happily married to an airplane and an old classic car (have not had any little ones yet). Still working at the Supervisor's Office of the Deschutes National Forest in the capacities of a recreation planner." P. O. Box 201, Bend, Oregon.

DOUG MORRISON. "Still gathering access for BLM. Family consists of wife Gloria and daughters Camila and Gayle."

WILLIAM H. SCHEUNER. "I have been transferred from the Eldorado N.F. to Stanislaus N.F. where I'm presently T.S.A. on the Calaveras District. My wife and I are living in Murphys on Hwy 4, gateway to the Calaveras Big Trees."

FRANK TORKELSON. "Still working in Sacramento with the California Department of Finance and assigned to the budgets of the Department of Fish and Game and the Division of Forestry. Our boys—Jon, 7, and Jim, 5,—seem to be growing up too fast."

DICK TUTT. "Sall and I have two girls and a boy—Stephanie, Lori and Steven. We are still in Eugene where I am a forester for J. H. Baxter and Co."

1958

JACK BARRINGER. "My family and I are still located in Sweet Home. We are expecting an addition to the family in April."

WAYNE BOUSFIELD. E 13303 Desmet, Spokane, Wash. 99216. "I am working for the U.S.F.S. in Spokane, Wash. My work consists of developing new methods of blister rust control by using antibiotics. Have two children, a boy 5, and a girl 4."

PAUL F. BUFFAM. "In January, we are transferring to the Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif. I will be working in a newly organized, pesticide screening laboratory which will service the Western states. My first research will be in Idaho testing several promising materials against the spruce budworm."

CARL G. CARLSON. "Am still on Mt. Hood N.F. doing Eng. work on the Collawash R.D."

CRAIG MACCLOSKEY, 4280 SW Chesapeake Ave., Portland 1, Oregon. "Freshman at U of O Medical School."

WALLY CORY has enrolled at Stanford to do graduate work (masters and possibly a Ph.D.)

MAHLON R. HALE. "I have recently been transferred to the Siskiyou N.F. Gold Beach R.D. The family and I are temporarily residing in a small house in downtown Gold Beach. There has been no increase in the family and all are doing fine."

CHARLES H. HARDEN is with the U. S. Forest Service, Chemult, Oregon.

JOSEPH B. HOLDER. "We are still living in Corvallis working on the Marys Peak District, and looking forward to seeing many of you in April."

HOBART JONES. "I am living in Portland and selling chemicals and equipment to the forest industry for Wilbur-Ellis Co. My family now consists of 3 boys and 1 girl."

OTTO F. KRUEGER. "Still with the BLM in Redding and in charge of the Forest Development Program. Have had a little more time to pursue my skin diving hobby."

JOHN MALONE. "Pat and I live in Longview now with our two sons, Kelly and Allen (2 yrs and 6 mo.). I'm TM-FCA on the

Spirit Lake Ranger District, Gifford Pinchot N.F. We live at Spirit Lake in summer and in Longview-Kelso during the winter. Look us up when you are passing through. U.S.F.S. P.O. Box 630, Kelso, Wash."

LAWRENCE K. MAYS, JR. "Presently working as Resource Asst. on the Chemult District of the Winema. Our second son, Gary, was born in June. Be sure to stop whenever airy of you come through Chemult."

JOHN H. POPPINO. "The Poppino family is still located at 4840 River Road N., Salem, Oregon. Robin and Teri are doing fine in school; Bruce and his dog are under Mary's feet. Mary is busy with kids and other activities; and I'm still the forester on the SUDA Field Party. It looks like I will get a chance to see how the eastside lives, the remaining study areas are in the eastern third of the state. So, if you should see a FS uniform in an SCS car on BLM land, it's just me."

RICHARD A. PRYOR. "Home address still the same, but I am now teaching in the forest technician program at Sierra College in Rocklin, California. Now have a new concept of teaching, but find it very satisfying. Family doing very well."

TERRY R. RUDD, 1511 Adler Dr., Lewiston, Idaho is a partner, Intermountain Timber Service.

WILLIAM H. SAGER. "We've been living near Otis for two years, which almost makes a record for tenure. Fortunately the Forest Service has decided to maintain our record and will be moving again to a job corps job in the Waldport area sometime this winter. Nancy and the kids, Jan, Pat, Don and Lynn, are all fine. The past two years we've lived with the Cascade Head Experimental Forest for our back yard and the kids have really enjoyed the woods and the creek."

C. K. SIGLER, Ranger Station, Waldport, Oregon 97394. "Family is now 4 girls. We are still at Waldport."

ROBERT L. SIPE. "I'm still with the F.S. here in Forks, Wash. This has been a busy year with the large district, timber cut with related activities and reforestation inventories and projects in the Forks Burn. We sure would trade some 'mountain beavers' for Oregon beavers. We are enjoying this beautiful section of the Northwest, but it seems to be starting to rain a little harder each year. The family now consists of wife, Barbara, one daughter Sharon 4, and one son Ronald, 1½."

JAMES A. SMEJKAL. "Still residing at 907 Lariat Drive in Eugene with my wife and three nearly grown children. Working at Georgia-Pacific's Springfield Division trying to keep a timber and log supply ahead. Drop by anytime."

1959

DAVID D. J. BELLAN. "Returned to the Forest Service after three years as an Explosive Disposal officer in the Army. Now going round and round with loggers as a TMA. Family consists of wife JoAnn and daughter Jennifer. We are at Superior, Montana. Some of you might remember Dick Strong who is ranger here. He spent a few quarters at OSU. We'd be glad to see anyone passing through."

CHESTER A. BENNETT JR. "My family and I have been in John Day with the Malheur National Forest since June, 1962. We invite all our friends to stop and visit with us especially during the summer. My job as Fire Control Asst. on the Bear Valley R. D. does not allow many summer vacations. There are several OSU'ers on the Malheur now."

CARL M. BERNTSEN. "Mary, the two boys Keith 14, and Geoffrey 3, and I enjoy

the 'living' at Bend, Oregon. Our new Forest Service Laboratory provides outstanding work environment for our entire laboratory staff. Each passing year confirms our opinion 'Forestry is a happy profession.'

L. E. CHAPMAN. "And your world will be these alone—Yourself, your nose and that dammed old stone."

VERNE V. CHURCH, JR. "Assist Sales Mgr. Hampton Lbr Sales Co., Portland, Ore. Graduation June 1959 to Sept. 1962 with Pope and Talbot. Thence to present job. Daughter 3½ years old. First Fernhopper due in April 1965."

KENNT H FALLON. "We are still living on West Devil's Lake Road, Ocean Lake, Oregon. The 'Gypo' logging is still about the same."

DOUGLAS MCCLELLAND. "Born Oct. 4, 1964 Michael Sherman McClelland, 7-6 oz.—the third time, a charm. How about a five yr. get together for the 59 crew? I recall some great times and people. Perhaps a cool one the afternoon of the banquet. Anybody interested? Drop me a card and we'll get things organized. Remember, you're not getting any younger." 3807 Edgewood Dr., Vancouver, Wash.

GILBERT F. OEKERMANN. "Family is still the same size this year . . . luckily. Still with the American Plywood Assn. in the Tacoma Lab."

WAYNE E. ORR. "Early last spring the Youth Corps reared its ugly head and I've been waiting ever since. Hope some good will come of all our efforts in this program. Family remains the same in number although little Robin is not so little anymore. Enjoyed a short visit with Dean 'Mac' this fall when all the OSU alumni in the area had breakfast with him."

R. A. PETTEY, JR. "Still with Weyerhaeuser Company, Coos Bay Branch. Still have inventory responsibilities but title is now Asst. Branch Forester. Marion and family well. Stop in next time passing through the banana belt."

RAY B. SCHENCK, Timber Div., Ketchikan Pulp Co. "I am still engineering, logging and roads, for Ketchikan Pulp Co. on Prince of Wales Island. As a hobby I still compete in timber contests. I hope to participate in several shows in 1965."

JOHN L. SLEGELMILCH. "After graduation I spent a little over 3 years in the Air Force with assignments in Texas, South Dakota, and Morocco. After my release from the service in June 1963, my wife Joan and I returned to Coos Bay where I worked for B.L.M. In November 1963, we were transferred to Burns, where we live now."

MEL SOUVENIR. "Our family will be increased to three children next April and we'll soon be moving to the Tillamook, Oregon vicinity. My job is assistant forest engineer in the Tillamook Division of Crown Lumber Corporation."

DUANE G. TUCKER. "Living with my wife and two children in beautiful Mount Shasta, California. Working as T.M.A. for the Sacramento District, U.S.F.S."

RICHARD A. WILLIAMS. "After release from the Navy in December of 1963, I spent two months vacationing and then started working with Chris Berg, Inc. Contractors, of Seattle. Since April, I have been in Alaska working on road construction and earthquake repairs. Have found Alaska to be an interesting state, but these long winter nights make me wonder why I am still single with no prospects."

ED VAN ZANDT. "My wife, Sheila, and now have a new addition by the name of Courtney Irene who is 5 months old. I'm

still with Weyerhaeuser's Technical Control Department in Tacoma."

EDWARD F. ZONTEK. "We're still in Gunnison, Colorado. Our family status is unchanged—one wife, one son, one daughter and myself. I'm Asst. Ranger on the Taylor River District of the Gunnison Nat. For. The Crested Butte Ski Area is on this district so if any of you are planning a skiing vacation out this way—drop in."

1960

WINSTON D. BENTLEY. "Our residence is still Burns, Ore. where we have been for a year and a half now."

WILLIAM L. HARVEY. "The Harvey family now includes Deborah, age 5, and Wesley, age 2. Petra has her hands full with these two so no additions are contemplated in the near future. We are still with Boise Cascade Corp. But moved from Salem to Seaside, Oregon, in November, 1964."

QUAY JORGENSEN. "Ardis and I and our three children are living in Chehalis, Wash. We are operating a veneer plant located at Winlock, Wash. Please stop and see we."

ROY S. LARSEN. "I returned to work with Crown Zellerbach Corp. in June after a one-year leave-of-absence. The past year was spent in Norway where I worked in Forestry for Liten Almengen (a private firm) and the Norwegian Forest Research Institute."

J. D. MACWILLIAMS. "We are still living at Shelton, Wash. where I am working as Resource Asst. for the Forest Service. Joan was teaching school until we were blessed with our third girl, Marjorie Ann who was born in June. Fernhoppers have been pretty scarce around here but there were four of us from around the Class of '60 at the last SAF meeting and rumors of others lurking in the area."

FRANK W. OLSON. "Shirley and I are living one mile east of Concrete, Wash. Our 6-month old daughter, Cheryl, is growing like an unsuppressed Douglas-fir on site 1 land. Am thoroughly enjoying the work with the USFS in the 'heart of the Cascades'."

MAX ROSS. "Our family, which now includes two boys, is at home at 910 S 11th St. in Cottage Grove near where I am employed at Bohemia Lbr Co.'s Culp Creek plant."

BARRAT G. SCOTT. "Being Scoutmaster for a Coos Bay troop, officer for the Tigo Sports Car Club, S.A.F. member, Asst. Area Engr for Weyerhaeuser Co., and a 'care-free' bachelor is keeping me busy these days."

DONALD STONE. "Still in Naselle, Wash. as Forest Engineer for Crown Zellerbach Corp. Would enjoy visiting with any Fernhoppers traveling to the 'Worlds Longest Driving Beach'—Long Beach, Washington."

KENNETH M. SWAIN. "Work for U.S. Forest Service as Area Technical Advisor Insect and Disease Control for 4 So. Calif. Forests. I'm located in the S.O. of the San Bernardino N.F. My wife Peggy and I had our first son in Sept. We just bought a house and all of our spare time is spent in renovating it to our personal tastes. Our new address is 5804 Ironwood St., San Bernardino, Calif."

GLENN L. SYKES. "Job: Resource Asst., Marys Peak Ranger District, Siuslaw Nat. For., Corvallis, Oregon. Family: Mary (my wife) and L have four children now—Beth, Paul, Jill, and Matt."

OLAF THINGVALL. "Rosie and I have been in Ashland for over a year, now. The summer was spent developing our yard and home. I am still District Engineer on the Ashland District. And Rosie is continuing her education at S.O.C. Would like to see some fellow Fernhoppers drop in for a visit."

FLOYD J. VANDERVELDEN. "We are in the process of getting established in Coos Bay after a promotion and transfer to the

BLM office there. Our biggest problem is in finding a home large enough to accommodate our six children. My job is presently in the North Resource group doing anything and everything while in the process of learning the problems and the area."

RONALD WAITT. "Moved to Portland in December. Address: 11423 SE Bush St. My new job is Resource Asst. on the Columbia Gorge Ranger District."

DALE A. WOOD. Dale, a forester for Willamette National Lumber at Foster and his wife, Joan, a part-time instructor at the University of Oregon, find the fishing, hunting and skiing in the Sweet Home vicinity pretty inviting but also manage to squeeze in a little work on their new home "Wood-acres."

JON L. WOODSIDE. "Presently 3rd year student at Willamette University College of Law in Salem. Bar exam in summer of '65."

MATT R. ANDERSON. "We're still in Dallas as Asst. District Warden with the State Forestry Dept. The work is interesting, the family is healthy."

BILL AYARS is with the Mt. Hood National Forest.

ROBERT L. BARSTAD. "We are still at the Union Creek Ranger Station. Prospect, Oregon, where I am working as Resource Assistant. We still like Forest Service life. Terri is teaching at the Prospect Grade School again this year. No new additions to our family. Stop in if you are near Crater Lake."

GARY BLANCHARD. "Not much news here. I'm still in Corvallis with the same job, same wife, no new children. Drop by anytime."

HARRY C. DANO. "I'm still working for the Forest Service. I transferred to Sisters, Oregon in February. We have an addition to the family as of April 9th. Another Boy!"

HUGH E. EDDY. "Last June I resigned from the Coos Bay District of the B.L.M. to return to college, pursuing a premedical program. If I am admitted into medical school, I will begin my formal medical education in the fall of 1965. Here in Eugene I am completing the premedical requirements and working part time as a forester for the Eugene District of the Bureau."

R. L. EDWARDS. "This year finds us about the same as last. I'm the management forester for Cathlamet District, Department of Natural Resources. Engineering, old growth sales, thinnings, hardwood sales and compliance blend together to provide an endless variety of work. We are on highway 830, one mile west of Cathlamet. Stop in."

NORMAN J. EVELETH. "My family and I now live at 1116 Turner Ave., Shelton, Wash. I am employed by Simpson Timber Company at Shelton, working most of the time in reforestation."

W. MICHAEL GRIGGS, Dept. of Natural Resources, Vancouver, Wash. "Since April 1 have been a Forest Practices Forester in our Vancouver District. A new job assignment as one of two Recreation Survey Foresters came in Dec. The Dept. of Natural Resources has started a detailed survey of 230 potential recreation sites located on state land throughout the state. The survey will include development plans and costs for each site. This is the first step our outfit has taken in the recreation field."

RICHARD W. HOLMES. "In October we welcomed the arrival of our second child and first son, who is now busy developing his lungs and appetite. I'm still with the Highway Dept. and during the past year have had the opportunity to range over most of the state meeting Fernhoppers everywhere. If you're coming through the valley, be sure

to stop by Salem and give us a call or come in and say hello."

RAY HOLMSEN. "In May of this year, my wife and I moved to Bethel, Alaska where I started working for the 2nd Scout Battalion, Alaska National Guard after a year's work with the state of Alaska Forestry Department. I am the Battalion Adjutant in charge of personnel administration. Bethel (pop. 1200) is 400 miles west of the nearest road or railroad at Anchorage and is the trading center for the Lower Yukon and Kuskokwim Valley area. The Scout Battalion itself is charged with surveillance of the Alaskan coastline through the watchfulness of the Eskimo members in their home villages. Our new address is P.O. Box 276, Bethel, Alaska."

FRED GILBERT JOHNSON, JR. "I am still with Weyerhaeuser Company, Coos Bay branch. I have been working in the new plywood plant since spring, 1963. At present I am graveyard shift foreman. Joyce-Anne-OSU-'62) has been teaching Home Ec at the Junior High. Most of our spare time is spent camping, boating, fishing, and related activities in and around Oregon's Banana Belt."

THOMAS A. LAWLER, 4082 Gardner Rd. S.E., Salem, Oregon. "The Lawlers have had a big year with my starting to work for Bohemia Lumber Co. Inc. of Culp Creek, Oregon and becoming quite involved with balloon logging. Then this September we were blessed with our second child, a daughter."

JOHN LUNDGREN. We have just learned that John received a \$300 incentive award for his employees suggestion concerning a crown density scale in second-growth Douglas-fir. John is the Paulina Ranger on the Ochoco N.F. (Congratulations—John—Ed.)

RON R. OLSON. "I am still farming although my father is letting me manage the pine he planted as a wind break. We've expanded our operation and have started subcontracting. My family was increased by one when my second daughter, Erin, was born one month ago."

RAY S. PAGE. "Have moved to Camp Verde, Arizona on the Prescott N.F. If any of you get down in the "Banana Belt", come see us."

DARRYL C. RAY. "My family, including my wife Kathy, my two daughters Diane and Kaylee, and myself, live in Grants Pass, Oregon where I am employed as a forester for Southern Oregon Plywood Inc."

MARSHALL D. SANDERS. "Now living in Lakeview, Ore. and working as Administrative Assistant on the Warner and Drews Valley Ranger Districts, Fremont N.F. Have been married for one year. Plan on moving to the Mt. Hood N.F. sometime between Nov. and April to take the position of Administrative Officer at the YCC camp on that forest."

RALPH BROOKS SIBLEY is an Assistant in Forestry at Humboldt State College, Arcata, California.

LEO R. STADELMAN. "It looks as though we will be living in Calif. for some years so we bought a home and moved in this past summer. Our address is 3318 Thomas Ave., Anderson, Calif. I remain with J. H. Baxter and Co. as a forester."

BILL TARR. "The Tarrs are still in Prospect, Oregon. Bill acquired the TMA duties in February 1963 so we've put down roots for awhile longer. We certainly like it here but 'Dad' heads east each year for hunting. Since graduation our family has grown with the addition of two daughters; Penny and Cindy."

FRED WEAVER. "Am working as Timber Sale Officer of the Entiat District of the Wenatchee N.F. We live close to Lake Entiat. Having the ducks and geese feeding almost in our yard frustrates me because the lake is a game refuge. Debbie is almost 3 now, 'Junior' is due at the end of January."

PHIL WICKHAM is with U. S. Forest Service, Gold Beach, Oregon.

DENNIS J. CAIRD. "My wife and I are living in Oakridge, Ore. where I work for the U.S.F.S. as an engineer."

LARRY CRON. Larry Cron is enjoying winter skiing at Sierra Nevada resorts after a long fall of big game and bird hunting. He is still single and enjoying his job as District Fire Control Officer for the U.S.F.S. at Challenge, Calif. Larry says his job is mostly personnel mgmt. (34 people during the summer).

ROBERT CRUNKILTON. "Regan and I took a big step last July and moved from the wet valley to the dry east side (East side of the Rocky mts.). We are living in Ft. Collins, Col. and I am working for Jason Assoc., Inc., a firm of consulting wood technologists. There are 5 wood techs here at the present time and all from different schools, so there are five different opinions. I have been spending much time in Texas, Oklahoma, and New Mexico and compared to them, Oregon looks mighty good. Address is: Box 397, La Porte, Colorado."

LEWIN R. GORDON. "I'm currently working for an advanced degree at O.S.U. in forest pathology. My thesis involves the infection and decay of Douglas-fir seed by fungal organisms from the time of cone pollination to seed planting. During the past two years I have become somewhat restricted to the office and laboratory due to health reasons. This has required a change of perspective on my part from enjoying the outdoor work most of us expected when we took up forestry as a profession. Nevertheless, 'inside' is perhaps a more efficient environment for this very necessary and rewarding type of endeavor."

ARNOLD B. HARMSSEN. "Still with the U.S. Forest Service in Nebraska. Last spring I was transferred from Chadron, to Halsey, and now serve as Asst. District Ranger. Sept. 1, 1964, our first child was born; a son, named Arnold Brian."

ROWAN HINDS plans to return to OSU in the fall of 1965. He is presently with the 17th Signal Bn. Co. C, A.P.O. 164, New York, N.Y. located in Germany.

JOSEPH J. HOLMBERG. "Employed as a Recreation Resource Asst. with the Bureau of Reclamation, Dept. of the Interior. The job entails solving land use, recreation and fish and wildlife problems in Region 2 of the Bureau which encompasses Northern and Central Cal., Southern Oregon and Nevada. Still footloose and unmarried."

JOHN A. IFFT. "This year I have grouse, snowshoe rabbit, trout, salmon, duck, deer, bear, and elk in the freezer. Can you top that? Oregon grows more than trees!"

"DUTCH" TOBIAS I. NOTENBOOM. "Single as of 8:00 p.m. 11/20/64, and working in the Columbia Gorge R.D. of the Mt. Hood on sale Administration in the Bull Run Watershed. Ron Waitt class '59, new resource Asst. here. Don H. Smith, also OSU grad District Ranger."

JERRY C. OLSON. "Still single, working for Washington State Dept. of Natural Resources. I am Project Engineer, Larch Mountain Honor Camp."

DARRYL C. RAY is a Forest Practice officer for the Oregon State Forestry Dept. in Grants Pass. He makes logging inspections for compliance with the Oregon Forest laws

concerning fire, fights fire, cruises timber, administers sales contracts and helps with the engineering work.

ROBERT SNYDER. "Single".

NORMAN EARL SPANGENBERG. "Still in the Air Force. I will be married in December '64, so by the time the Newsletter reaches people, I'll be an old married Fernhopper of 3 to 4 months."

THEODORE R. YOCOM. "Would like to report that after a stormy trip nearly 2/3 the way across the country, my family and I arrived in Urbana, Ill., safe and sound in late Aug. Since then I have been buried in the task of preparing, organizing and teaching two courses, Management and Forest Protection, at the senior level. The 2-week senior field trip through the deep south kept things from becoming routine. I have enjoyed these new experiences."

BOB BALLENGER. "My wife, Sue, and I live in Cottage Grove. She teaches in Eugene and I am still employed with Bohemia Lumber Co. in Culp Creek. I am presently helping to develop a plant-wide quality control system. All here are quite excited about balloon logging, which was first tried by Faye Stewart, Bohemia's vice-president."

DOUGLAS N. BARTON. "I am now an Asst. District Ranger and learning to administer ski areas. We have bought a house in Albuquerque at 1813 Elizabeth NE. Bev, Brenda, Brent and myself sure do enjoy a house after that trailer."

JOHN L. DAVIS. "We are still with the U.S.F.S. in Tiller, Oregon. In Sept. our family increased in size by the addition of Dorena, our first offspring."

BUZZ HETTINGER is in Tanzania where he has been taking care of the arboretum, surveying and performing other jobs while he waits for January to roll around when he starts teaching."

JACK HOUSE. "Wife and I are now in Milton, Fla. where we will be until March when I shall finish my flight training in helicopters. We hope to be stationed either Cal. or Hawaii."

CLAUDE C. MCLEAN. "I've been working for the USFS in presale at Quinalt, Wash. since graduation. Despite the constant rain, it has been quite enjoyable."

LAWRENCE MERRIAM. "Associate Professor of Forest Recreation, Montana State Univ., Missoula, Montana. Carrying on McIntire-Stennis supported research in Glacier Nat. Park, Bob Marshall Wilderness, and Mission Mtns Wild Life Area. Father of 5 (3 boys, 2 girls) and husband of the president league of women voters."

IVAR R. PAAVOLA. "I am a GS9 Civil Engineer, and am working for the Army Corps. of Engineers. At present I am working in structures section (Design of Dams) in Portland."

DAN PURKEY, P.O. Box 613, Monterey, Calif. "I am still working for the Calif. Division of Forestry in the Monterey area."

CHARLES SCHMOKE. "I have been working since Jan. 1 in the research and development dept of the J. H. Baxter and Co. in Eugene. We have been doing work in deep incising of poles, recovery of solvents with vacuum, and water repellents since I've been with Baxter's. I live at 1620 Parnell Dr., Eugene and I'm single, but plan to be married this coming Jan."

G. LYNN SPRAGUE. "Still with Intermountain Region Timber Inventory working in Boise, Idaho."

JAN W. VANWAGTENDONK. "Presently the Fire Direction Officer for the 'Little John' Rocket Battery in the 101st Airborne Division, Fort Campbell, Ky. New address

Btry A (LJ) 377th Artillery, Fort Campbell, Ky 42223."

Lt. DAVID D. WILEY, 201 Beaver Ct. Apt. No. 2, Colorado Springs, Sol. "Dave Wiley and his wife Linda are living in Colorado Springs, Colorado. Dave is a lieutenant in the Medical Service Corps, U. S. Army. He currently is assigned to the 1st Bn 19th Arty, 5th Infantry Division Mechanized, Fort Carson, Colorado as medical officer."

ROBERT T. WOLFSKILL is with U.S.F.S. Ochoco N.F., Snow Mt. Dist. Hines, Ore. Lives in Burns with wife and son."

LARRY B. BLASING. "My wife and I are residing in Prince George, B. C. where I am working for Industrial Forestry Service LTD, a consultant forestry firm."

RONALD E. BOBBETT. "My wife and I have been living in Roseburg since I began working for Roseburg Lumber Co. last June. We like it very much here in Roseburg and Douglas County. For the past six months, I have been involved in a training program that is designed to familiarize me with plywood production by working closely with the other workers in the plant."

DAVID D. CHRISTENSEN, 2nd Lt. David Christensen 05709947, Hq. 237th Engr. Bn., APO 176, N. Y., N.Y. "In June I attended Corp of Engineer's Officers School at Ft. Belvoir. In August I completed paratrooper training at Ft. Benning. Now I am a Corps of Engineer's platoon leader at Beilbronn, Germany where I will be stationed for 3 years. Also, in June my wife and I welcomed a son, Jon David."

MICHAEL D. JACKSON. "I am working for the State Department of Natural Resources in Olympia, Washington. At the present time I am working in the Forest Inventory Section. Still single."

TED KINNEY writes "The A.F. has me at the Wright-Patterson AFB trying to make an engineer out of a Fernhopper."

CURT PASKETT. Curt is trying to "get used to machine guns on every street corner" in Algeria where he is performing a "Peace Corps" type mission. He is trying to help with tree planting program. He doesn't like their practice of growing seedlings in 2 by 6 inch plastic bags—it ruins the balance between roots and crown."

ELSBERY (JERRY) REYNOLDS. "Presently a seminary student at Seabury-Western Theological Seminary (Episcopal), Evanston, Illinois. Tentative graduation date: June, 1968. Expect to become an Oregon clergyman in the Episcopal Church of Oregon thereafter."

JOSEPH H. SMITH. "The transportation system and other engineering on the Mapleton Ranger District offer continuing challenges. Hunting and fishing are unsurpassed. The entire family finds school and scouting activities engrossing."

FRANK SORESENSEN. "Employed by US Forest Service as Forest Geneticist at the Forestry Sciences Laboratory, Corvallis, Oregon. Reside with wife, Pam, and sons, Curt age 4) and Tom (2) at 420 North 7th t." (Completed Ph.D. last June—Ed.)

ROBERT F. STRAND. Dr. Strand was promoted to supervisor of forestry research for Crown Zellerbach shortly after receiving his Ph.D. from OSU last June.

RON STUNTZNER. "keeping busy here with Coos Head Timber Co. while Joyce is also keeping busy with her practice teaching. Stop and see us at Coos Bay sometime."

R. V. TARAS, Lt. US Navy, is attached to Hurricane Hunters, Roosevelt Roads, Puerto Rico.

GENE WIRSIG. "Finished school at the end of fall term '63 and soon thereafter

started work for Marys Peak Ranger Sta., Siuslaw Nat. Forest, Corvallis, Oregon as reforestation forester."

WES WONG. "Presently working for State of Hawaii Dept. of Land and Natural Resources Division of Forestry. Conducting Forest Plantation Inventory with state research for whole state."

ROBERT A. WRIGHT. "Timber Management Forester for the Bureau of Indian Affairs at the Hoopa Valley Indian Reservation. Address: P.O. Box 897, Hoopa, Calif. Jackie and I have a little girl Robin born June 7, 1964."

Lab. Staff News (Cont.)

ished pulpwood on his desk to manageable proportions. In the meantime, research continues to seek improved serviceability of wood for use in and on the ground, in buildings, and in the ocean.

DICK HERMANN was teaching forest ecology during fall term, filling in for Bill Ferrell, who is presently on sabbatical leave in Denmark. Since Christmas, Dick has been devoting his time to study of problems in forest regeneration.

ED HOOVEN, of an illustrious line of ever increasing Hoovens (yes, there is another on the scene this year) has been busy testing animal repellents, passing Russian language exams, and working with counterpart Black on the regional cooperative animal-damage survey.

JIM JOHNSON has been gathering information on strength properties of Douglas-fir and western hemlock for use in development of non-destructive testers and also on properties of fire-retardant-treated lumber. Last summer he enjoyed a vacation trip to the Grand Canyon and other points south.

RUDY KALLANDER finds himself involved with budgets and the State Legislature at this time of year. Prospects are good for not only holding our own in research support, but also gaining a little. Administration of Forest Research Laboratory activities is still a full-time job. However, other activities include serving as Western regional representative on the Cooperative Forestry Research Program, as secretary of the newly-formed Association of State College and University Forestry Research Organizations, and as vice president of the OSU Alumni Association.

RUDOLPH KANGUR has been making continuous efforts to improve the stand quality and to accelerate the growth of individual trees in mixtures of Douglas-fir and western hemlock, and in pure hemlock, under 30 years of age.

CHARLIE KOZLIK spent much effort on the effects of kiln drying on strength of Douglas-fir and western hemlock, and on high-temperature drying (above 212 F) of Douglas-fir dimension lumber. The annual Wood Seasoning Short Course was presented in December, with veneer drying included for the first time. Last June, he attended the annual meeting of the Western Dry Kiln Clubs in Coeur d'Alene and discussed "Shrinkage of 2- by 8-inch Douglas-fir Lumber" at the annual meeting of the Forest Products Research Society in Chicago.

BOB KRAHMER is investigating variation of specific gravity and strength properties in western hemlock and teaching wood technology at the School of Forestry. Last summer he attended a Fiber Microscopy Course at the Institute of Paper Chemistry, Appleton, Wisconsin, as part of staff improvement program supported by Hill Foundation, and also participated in an NSF Advanced Science

Seminar on cellular ultrastructure of woody plants, which was sponsored by the State University College of Forestry at Syracuse, New York.

BOB KUNESH is attempting to resurrect an old Ph.D. program in Wood Technology (or Wood Science in space-age vernacular). When not making like a professional student, he can be located at the Lab, puzzling over the myriad of mysteries to be found in Timber Mechanics.

DENIS LAVENDER, senior partner (self appointed) of the Lavender-Hooven Christmas tree farm, says, "The future is bright but so far it's all out-go and no in-come." In between weekend planting trips Lavender pries into the personal life of tree seedlings. As a physiologist, he is currently interested in trees not growing, dormancy that is.

BILL LEHMANN is working on the durability of hardboard and particle board in exterior exposure, on variables of a paint-adhesion test, and on an industry-sponsored project to develop basic information about variables in hardboard manufacturing.

DON MILLER says nothing unusually exciting to report; continues to assist Bob Graham in wood preservation research.

JOHN MOTHERSHEAD continues to wrangle with problems of decaying utility poles with some question as to who is winning the battle; there is even some question as to which side he's on, what with all the increment borer holes, X-rays, sonic waves, and other gadgets he's throwing at some of the poor poles.

MIKE NEWTON has made some progress with Jerry Zavitskovski in studies of the assets versus the liabilities of some nitrogen-fixing brush species in forest regeneration. The Botany and Soils Departments are co-operating on this project, which is being supported by the Hill Foundation. Substantial efforts are still put into brush control and in reforestation, where chemicals are playing an increasing role. Logan Norris and Virgil Freed continue their considerable efforts in the chemical aspects of these projects.

JIM OVERHOLSER is still much concerned with syntax as a deterrent to speedy publishing of research.

HERB SCHROEDER has been separating, purifying, and identifying lignin sulfonates under a grant from the Louis W. and Maud Hill Family Foundation.

HERBERT U. SIEBEN returned to wood products field as an assistant in timber mechanics after 20 years in the Regular Army. After duty in many areas of the United States and the world, Oregon surely looks good.

JIM SNODGRASS has been working on projects and technical developments of con-

siderable interest to the forest products industry. Work and analysis associated with shrinkage of lumber, mechanical stress-grading, structural tests, and basic strength properties of western softwoods has continued in collaboration with colleagues. Technical advisory work requiring meetings at Portland, and an occasional trip to Madison, Wisconsin, also has been undertaken to co-operate with wood product industries.

DICK WARING is developing physiological environmental gradients for analyzing the distribution of vegetation. He has a joint study with Edward F. Hooven on changes in the microenvironment following logging.

Staff News (Cont.)

and research laboratory forest products staff participated. Dr. Stamm was brought to the campus under the sponsorship of the Louis W. and Maud Hill Family Foundation. In June, Bill, Dilworth, and Davies visited forestry schools at the University of Washington, Washington State University and the University of Idaho to become better acquainted with facilities, staff, and exchange viewpoints in a variety of areas. Bill can recommend a visit to Lake Powell on the Colorado River behind Glenn Canyon Dam at Page, Arizona.

BILL WHEELER indicates that increased out-of-state tuition has resulted in a decreased enrollment in the School of Forestry. For many years about 50% of entering students were non-residents. This percentage has declined considerably this year. The employment situation is still somewhat tight but has improved over last year. No real difficulty is anticipated in placing men on permanent or seasonal jobs. Bill is winding up a study on Douglas-fir seed maturation and hopes to have something in print within the year.

BOB WILSON has learned the hard way that there is no money in raising dachshunds. Any one knowing of a good quarter-horse (a whole one that is) for sale let him know. Between livestock projects, paying for his daughter's junior year at the University of Pavia in Italy, collecting agates, and teaching FE courses, he has had no time for skiing this year. He will teach several courses again in the summer school session.

STEVE WOODARD spends most of his time on research but is still teaching mensuration students how to stay on the log pond rather than in it.

RAY YODER. Through the generosity of the South Santiam Foundation, Ray Yoder was able to spend much of the summer of

1964 in interviewing key personnel in the forest products industries throughout the Pacific Northwest. The purpose was to bring him up to date on the business end of forest management, in order that his course offerings can better reflect current thinking and happenings.

Mac's Corner (Cont.)

the extensive test plantations already established on the adjacent McDonald Forest. Another aid to research through modest, is a beginning—the first grant from the new federal McIntire-Stennis fund for forest research at universities. It will help to offset the pinch which develops when costs rise and income does not.

This has been a year of problems. The legislative action in setting high out-of-state fees resulted as expected in decreased forestry enrollment—down some 13% while the campus enrollment increased. So far as the School is concerned nothing was saved by this edict. Instead, we lost the opportunity for native Oregonians to widen their educational horizons through association with good men from other states and countries. We are very much concerned in developing men of capacity to assume leadership in forestry. It would help both the state and the profession if alums could sell forestry careers to young men of present ability and potential promise. Of all the states, Oregon can least afford mediocrity in forestry. We'll do our best for any man you may send to us.

There are other problems, but undoubtedly you have your share already so I won't burden you with more. Our basic policy on problems is to lick all we can. Those we can't lick we'll bury, sell, merge, ignore, hide, forget, or in other ways manage to live with them. My thanks to all alums for the help, the loyalty and the co-operation which so greatly benefits the School.

See you Fernhopper Day, April 3rd. Till then, my best wishes to all hands.

—Mac McCulloch

School Forests (Cont.)

the year. Only a few miles of new roads are needed to complete the road plan for the forests.

The early snow fall curtailed tree planting in December, so that the 50,000, 3-0 Douglas-fir seedlings will be planted in January and February if the snow man co-operates.

Instruction continues to be the primary use of the school forests. Use for research is increasing, and will probably continue to do so.

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