

The Maine Forester

1977



Jan Littlefield

Published Annually By
THE STUDENTS OF THE
SCHOOL OF FOREST RESOURCES
UNIVERSITY OF MAINE

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THE MAINE FORESTER

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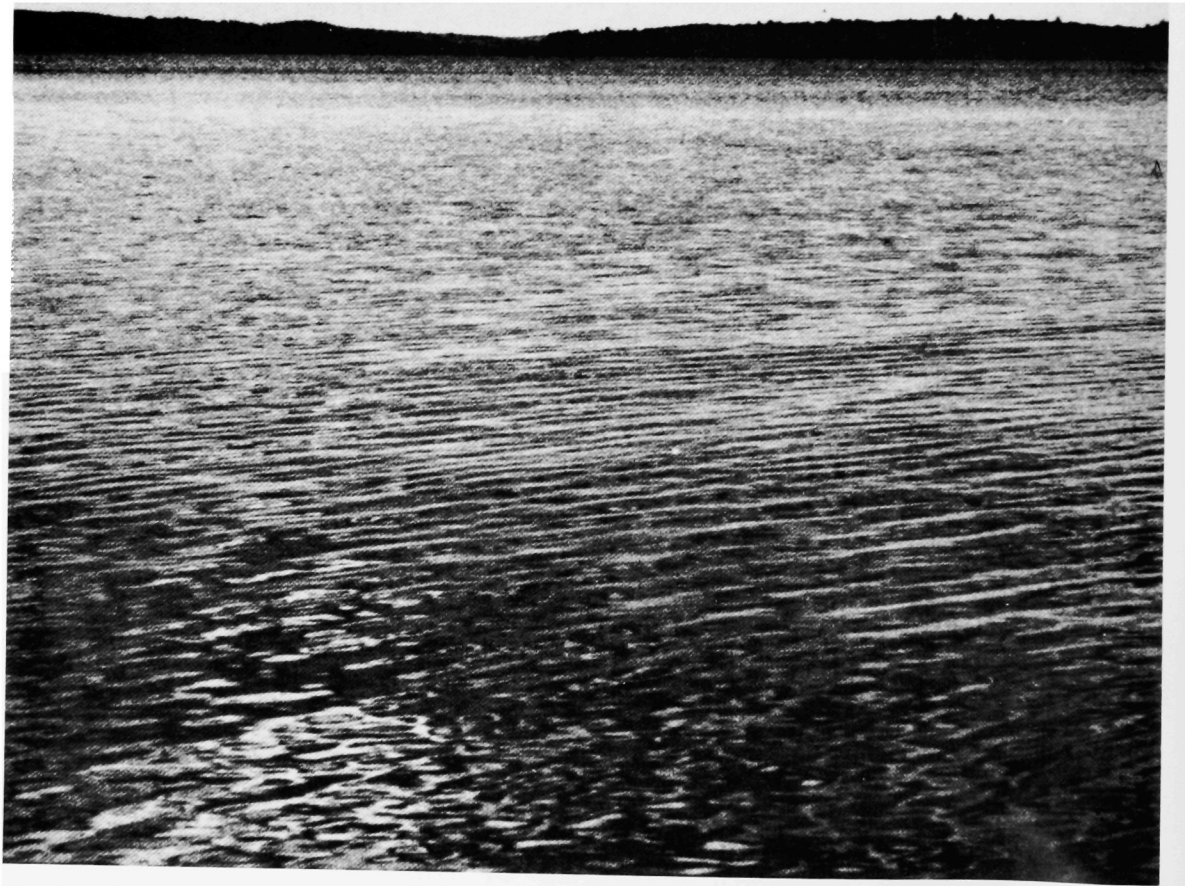
FORESTER



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IN MEMORIAM



James Curtiss Whittaker
1936-1976

James Curtiss Whittaker

1936-1976

To the memory of Dr. James C. Whittaker: who received his B.S. and M.S. at Purdue University and his Doctorate of Philosophy from Ohio State University. Prior to settling in Maine in 1968, at which time he joined the faculty at the school, Dr. Whittaker served as a scientist with the U.S. Forest Service at Columbus, Ohio; Berea, Kentucky; and Syracuse, N.Y. While at Syracuse he also served as a joint faculty member within the State University College of Forestry at Syracuse. During his years at Maine, Dr. Whittaker was a member or officer in many organizations. He will long be remembered for his participation in the Society of American Foresters, The American Forestry Association, the Appalachian Mountain Club, the Maine Snowmobile Association, Sigma Xi, Xi Sigma Pi, and the Forestry Club. It is due to this dedication to his profession, other faculty, and students that he will be sincerely missed by all who knew him.

If one gives of himself surely this represents a generosity beyond the giving of what one has. The sharing of oneself is the ultimate of gifts. Jim Whittaker was a person who by his very nature was generous with what he had to share. More importantly, however, was the way he shared himself with those around him. While his teaching and research responsibilities demanded heavily of his time and energy resources, Jim was emblematic of a near perfect human mechanism seemingly to create time and energy where there was none to be had and at no cost to the system save his own physiological processes. This extraordinary time and energy was himself and he shared it willingly. Always giving of himself to a student or a colleague, to an acquaintance or a friend, to a relative or a nobody without seemingly to make any distinction and always in abundance above normal expectations. He counseled and consoled. He advised and directed. He offered serious thought and fun merriment. He could be deeply profound and yet thoughtfully superficial. He could criticize and yet build confidence. He would expound and when purposeful be silent. All this he shared as much, as often, and in a way as there was need. And that need he most assuredly could recognize whenever, wherever and in whomever it presented itself.

The memory of Dr. James C. Whittaker is that of a teacher, an advisor, a researcher, a professional, and a friend. He had a sincere interest in his students. As a teacher and advisor he made himself available to students for guidance in both their course work and in their college programs. He would go out of his way to make time to see his students. As a researcher he made contributions to forestry in the fields of recreation and economics. He was dedicated to the forestry profession. While serving as the Chairman of the Maine Chapter of the Society of American Foresters, the Chapter did much to advance the Forestry profession in the state of Maine. As a friend, Jim was genial, honest, patient, and dependable. He was fun to be around and to work with.

It is always painful to lose friends. It is even more painful when this loss crosses both personal and professional lines. The death of Jim Whittaker was such a loss. I am sure that each person who knew him remembers something a little different. I was most impressed by his good humor, his professional competency, and his willingness to give you his time. His knack for getting right to the heart of a problem was a welcome contribution in all his activities. He was certainly someone I went to for both good advice and a good time. I am sure that the School of Forest Resources is a better place for his having been a part of it.

Jim Whittaker was a professional forester, a zealous teacher, and a dedicated researcher. His personality was marked with kindness, gentleness, and unpretentiousness. These qualities and his deep loyalty to students, colleagues, and the School of Forest Resources won the respect and admiration of all who were privileged to know him.



DEDICATION

PROF. EDWIN GIDDINGS

Ed's many duties and services to the School are well known and recorded. It might well be said that this is what he was paid to do but his concern for others and for the job to be done frequently took him well beyond duty. His warm personality and sound judgement are qualities which will make him missed in the School. One can only wish the retirement years will be happy and rewarding for him and Mary Lou, his wife.

G. Baker
Feb. 8, 1977

I am sorry to hear that the time has arrived that Professor Giddings must retire from an active role in the School of Forest Resources. His background of experience as a forester with the U.S. Forest Service and with Forest Industry has provided students with information that few persons are able to give them.

Professor Giddings has always had high standards of personal achievement and conduct as an under-graduate student, public forester, industrial forester, and University Faculty member. With this background he has provided students with an excellent example of what a forester can and should be; a person with a good theoretical and practical knowledge of forestland management.

His pleasant smile as an administrator, his knowledge, and his ability to teach others from his experiences will be missed by students, other faculty members, and school Alumni.

As an emeritus Professor he will continue to contribute his abilities to the school and the forestry profession. I am glad to have had a part in his rejoining the School Faculty and along with others wish him and Mary Lou many good years ahead.

A.D. Nutting
Feb. 8, 1977



“POP GIDDINGS”

Professor E.L. Giddings is retiring on June 30, 1977 after a long and varied career. He was born in Hartford, Connecticut, graduated in forestry from the University of Maine in 1933 and completed a Master of Forestry degree at Yale in 1934. Professor Giddings was a forester in the Southern Region, U.S. Forest Service from 1934-42; from 1942-46 he served in the United States Navy in Air Combat Intelligence. His first assignment at the University was in 1946. He left his position as Assistant Professor to work as Chief Forester for the Penobscot Chemical Fibre Company of Old Town where he served as Chief Forester, Woodlands Manager and Vice President for a total of twenty years. In 1968 he returned to the University as Associate Professor; he has been Acting Director of the School (1971-72) and since 1972 has been Assistant to the Director. He and his family have been residents of Orono since 1946. He and his wife Mary Louise have been active in University and local activities for many years. They have both given much of their own time and energy for the benefit of the students of the School of Forest Resources.

It is impossible to express in a few words my great respect and affection for Professor Giddings. He and Mary Lou were the two individuals who welcomed my wife and me with full support and assistance when such was most required. Such support was offered with complete honesty and without expectation of repayment. He has become a close friend and a colleague that I will not replace. Such is the way of life and I can only say thanks and God Bless both of them

Most of us can feel reasonably content if we find we are able to function well in a single vocation during our lives. Thus far, Ed Giddings has served as vice-president of a large company, gained an enviable reputation as a professional forester, found success as a professor and academic administrator, and somewhere in the middle of it all, had a shot at being a naval officer.

Ed's unfailing consideration to his colleagues and his patience and kindness to the students who have had the good fortune to work with him, provide an interesting contrast to many who may be observed swinging from limb to limb through the upper branches of the "groves of academia".

Those of us who have worked with Ed over the years, as he has coped with problems of a profes-

sional, personal and administrative nature with constant good humor, perhaps better understand the famous author who defined courage as grace under pressure.

For the past nine years, the School of Forest Resources has been most fortunate in having Ed Giddings on its staff. Having spent eight years with the U.S. Forest Service and some twenty years with a private forest industry, Ed has been able to impart with authority both the theoretical and practical aspects of forest management to students in his courses. Dedication of *The 1972 Maine Forester* to Prof. Giddings is indicative of the high esteem held for him by the students. His retirement this year will leave a vacancy on the School's staff that will be difficult to fill.

Professor Giddings is a man who is always as helpful as he can be, both administratively and educationally. His acute sense of practicality was especially refreshing in the classroom and his ability to open doors was always relieving. His many experiences in the public, private and educational sectors of our society and his many insights to life and to his profession added a real dimension to Nutting Hall. His dedication to Forestry and to the students of the School of Forest Resources will always be remembered by those of us who had contact with him. We wish him a good and long life in his retirement, for he has earned it!

At the end of the school year the seniors traditionally apply for new jobs. This year another "senior", Ed Giddings, is applying for a new position — that of "retired." If I were evaluating his application, I would have to rate him as "unqualified." It is apparent from his many years of conscientious service and dedication that he has no training in retirement. This is further evidenced by his availability to students and faculty, the good humor with which he conducted his tasks, and the superb blend of theoretical knowledge and real experience he brought to the classroom. I would selfishly like to keep him in the School but must agree that his retirement is well deserved. We will miss him.

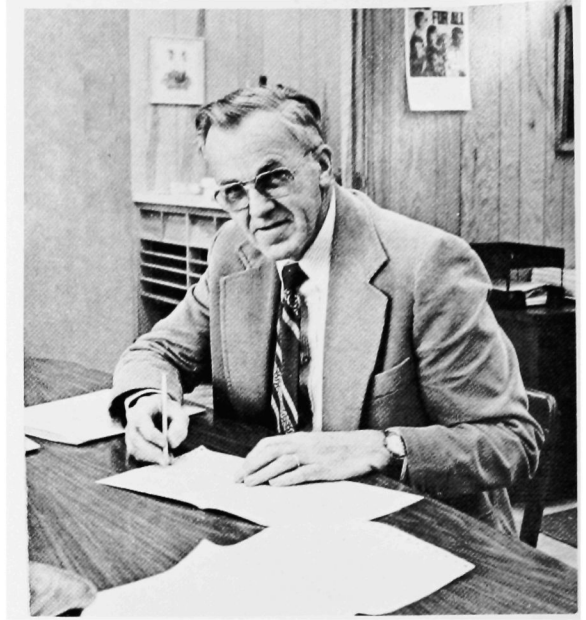


Comments by the Director

It is always a pleasure to write a few words to the students in the School of Forest Resources. In these few moments I may be able to express some of my affection for all of you and to comment briefly on some of the things which stand-out from 1976. The many student leaders in the School should be mentioned first. They have made my job easier and we can applaud all of them for their efforts. These include representatives of six different groups; our three student clubs, the Wildlife Society, the Forestry Club, and the Forest Technology Club; the School's Chapter of the National Honorary, Xi Sigma Pi; and the two competitive teams, the Woodsmen's teams (both men and women) and the Wildlife conclave team which continues to win. Above all I give my thanks for the production of the Maine Forester representing all facets of the school; I hope that this will be a continuing effort.

We are a professional School of Forest Resources and I hope that this message is reaching all within our ranks. We are as good as any in the Country in our special fields of professional expertise. Our foresters, wildlife managers, and wood technologists are the equal of any produced anywhere. You students are proving this time after time wherever you go. This year we can point with pride to having graduated the top student in the 1976 class, Donna Rounds. She is one of many who show others that the School is being heard from both on campus and around the nation. We will continue to emphasize our professional concerns and will concentrate on these areas in the School. Two fledgling professional programs show promise; the forest engineering graduates are well qualified in professional forestry and engineering, we expect that they will be well accepted; recreation management programs are still developing and in time with development of a professional core program may gain a similar recognition.

Your staff continues to change as one might expect in a growing and dynamic program. We were all saddened by the loss of Dr. James Whitaker in the spring. His sudden death made us all pause and wonder and perhaps appreciate our own lives and opportunities a little more; we miss his friendly attitude and willingness to help wherever needed. We also wished a happy retirement for Mr. Lew Bissell in Extension and



good luck to Dr. Gary Simmons and Dr. Michael Zagata as they moved to new jobs and new experiences.

A highlight for the School has been the development of a new research program named the Cooperative Forestry Research Unit. Landowners of Maine have joined together to support this venture which has permitted us to employ three highly qualified scientists. We have also welcomed four replacement faculty which some of you already know; Professors Floyd Newby and Thomas Brann specializing in Recreation and Biometrics, respectively, and Professors James Gilbert and Terry May in the Wildlife program.

An experiment last summer may be leading to a more permanent procedure for forestry summer programs. We conducted the field experience in two locations; the idea made sense, the numbers of students forced the issue, and the results were encouraging. We have taken a rather hard line on numbers in the School to benefit each of you and future admissions to the programs. We desire to continue our policy of quality education in the professions.

Congratulations in advance to the graduating class. I wish you the greatest of success in whatever you may do, God Bless you, and enjoy life.

Fred B. Knight
Feb. 12, 1977

SCHOOL OF FOREST RESOURCES DIRECTORY

206 F. B. KNIGHT, DIRECTOR
250 M. W. COULTER, ASSOCIATE DIRECTOR, WILDLIFE
208 E. L. GIDDINGS, ASSISTANT TO DIRECTOR

FORESTRY

258 M. D. ASHLEY
237 D. S. CANAVERA
263 T. J. CORCORAN
221 R. H. GRIFFIN
229 W. D. LILLEY
247 F. L. NEWBY
241 A. G. RANDALL
243 W. C. ROBBINS
217 R. K. SHEPARD
211 R. F. TAYLOR
233 H. E. YOUNG
122 P. T. CARON, TECH.
210 J. L. GIFFORD, ADM. ASST.
" R. M. PELLETIER, SEC'Y
" K. P. CARSON "
" S. L. FRANCIS "
D A SEWALL TECH

WOOD TECHNOLOGY

115A R. A. HALE
113A N. P. KUTSCHA
115B J. E. SHOTTAPE
119B C. E. SHULER
113 M. DYER, TECH.
104 E. KEANE, SEC'Y

EXTENSION FORESTRY

105 T. O'KEEFE
103 M. HARRIS

WILDLIFE

234 C. E. BANASIAK
242 A. CLAUSON
216 J. R. GILBERT
224 C. E. KORSCHGEN
222 T. MAY
246 H. L. MENDALL, UNIT LEADER
228 R. B. OWENS
230 V. B. RICHENS
240 M. L. HORNE, SEC'Y

INLAND FISH & WILDLIFE

220 P. O. CORR
" R. D. HUGIE
" A. E. HUTCHINSON
238 H. E. SPENCER
236 B. L. JACKSON, SEC'Y

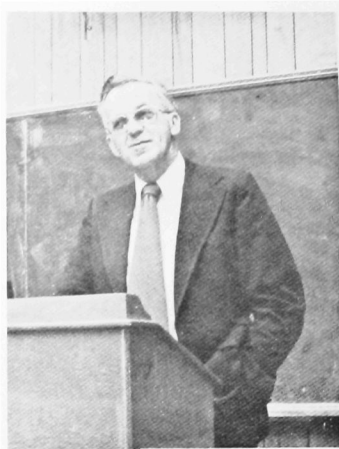
COOP UNIT

113 D. B. FIELD
227 M. W. HOUSEWEART
225 M. L. MCCORMACK
128 J. C. REA TECH
A. B. MORIN SEC'Y

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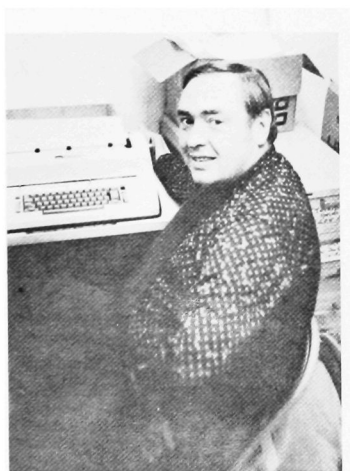
EDWIN L. GIDDINGS
 Assist. to Director
 Assoc. Prof. of Forestry
 B.S., Univ. of Maine, 1933
 M.F., Yale, 1934
 Introduction to Forestry Resources
 Harvesting of Forest Crops
 Senior Seminar
 Timber Management and
 Valuation



FRED B. KNIGHT
 Director and Dwight B. Demeritt
 Prof. of Forestry
 B.S., Univ. of Maine, 1949
 M.F., Duke Univ., 1950
 D.F., Duke Univ., 1956
 Introduction to Forestry Resources
 Senior Seminar
 Management Problems
 Graduate Thesis
 Honors Courses



DAVID STEVEN CANAVERA
 Assist. Prof. of Forestry
 B.S., Michigan Technological
 University, Houghton
 Forest Management
 M.S., Michigan State University
 Forest Tree Improvement, 1967
 Ph.D., Michigan State University
 Forest Tree Improvement, 1969
 Statistical Inference in
 Forest Resources
 Forest Planting



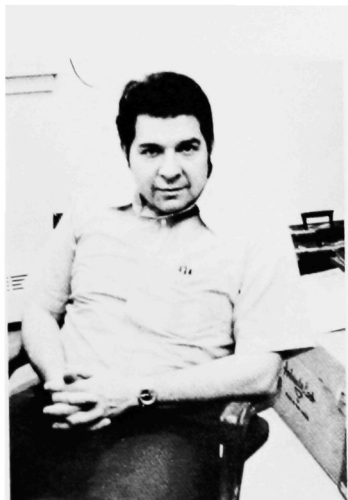
THOMAS J. CORCORAN
 Prof. of Forest Economics
 B.S., Michigan Technological
 University, 1955
 M.S., Purdue Univ., 1960
 Ph.D., Purdue Univ., 1962
 Forest Economics
 Production Analysis in Forestry
 Planning and Control of Forest
 Operations
 Research in Forestry Economics



ROBERT KENT SHEPARD
 Assist. Prof. of Forestry
 B.S., Univ. of Michigan, Forestry,
 1963
 M.S., Duke Univ., Forest Entomol-
 ogy, 1964
 Ph.D., Univ. of Michigan, Forest
 Ecology, 1970
 Watershed Management
 Senior Seminar
 Statistical Inference in Forest Re-
 sources Lab



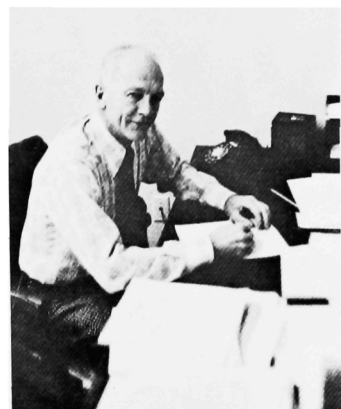
WILLIAM D. LILLEY
 Instructor in Forestry
 B.S., Univ. of Maine, 1970
 M.S., Univ. of Maine, 1975
 Introduction to Forest Resources Lab
 Statistical Inference in Forest Re-
 sources Lab
 Forest Biometry Lab
 Photogrammetry and Remote Sensing
 of Natural Resources Lab
 Practice of Forestry



FLOYD L. NEWBY
 Assoc. Prof. of Forestry
 M.S., Univ. of Michigan, Forest Rec-
 reation, 1966
 Ph.D., Univ. of Michigan, Forest
 Recreation, 1971
 Forest Recreation Management
 Introduction to Forest Resources Lab
 Recreation and Park Management
 Forest Policy and Administration



THOMAS B. BRANN
 Assist. Prof. of Forestry
 M.S., University of
 New Hampshire
 Ph.D., Virginia Polytechnic
 Institute and State University, pend-
 ing
 Statistical Inferences in
 Forest Resources
 Forest Biometry
 Forestry Summer Camp



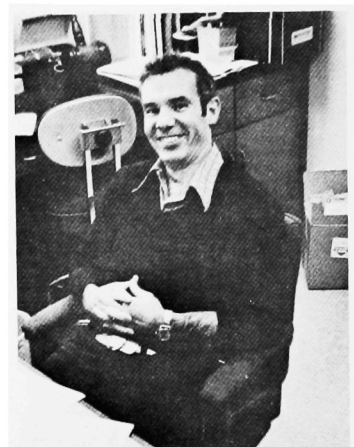
ARTHUR G. RANDALL
 Assoc. Prof. of Forestry
 B.S., Yale, 1933
 M.F., Yale, 1934
 Forest Fire Control
 Introduction to Forest Technology
 Forest Protection
 Applied Silviculture
 Seminar
 Summer Camp



JAMES E. SHOTTAFFER
 Prof. of Wood Technology
 B.S., State Univ. of New York, 1954
 M.S., State Univ. of New York, 1956
 Ph.D., Michigan State Univ, 1964
 Analysis in Forest Utilization
 Wood Technology II
 Research Methods in Forest Utiliza-
 tion



RICHARD A. HALE
 Assoc. Prof. in Wood Technology
 B.S., Univ. of Maine, 1949
 M.F., Yale, 1950
 Primary Wood Processing
 Wood Preservation and Drying
 Senior Seminar



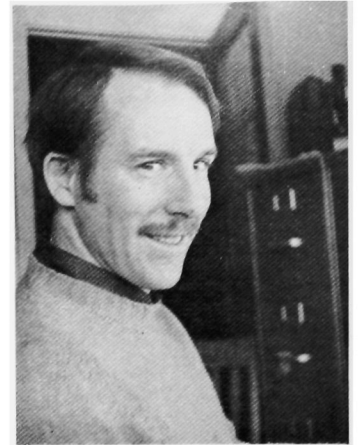
CRAIG E. SHULER
 Assoc. Prof. of Wood Technology
 B.S., Colorado State Univ., 1960
 M.S., Colorado State Univ., Radia-
 tion Biology, 1966
 Ph.D., Colorado State Univ., Wood
 Science, 1969
 Wood Technology I
 Wood Physics
 Senior Seminar
 Freshman Seminar
 Sophomore Seminar



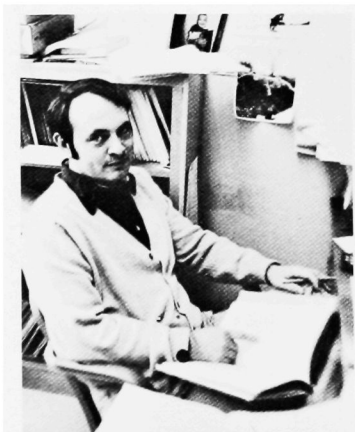
WALLACE C. ROBBINS
 Assoc. Prof. of Forest Technology
 B.S., Univ. of Maine, 1954
 M.S., Univ. of New Brunswick, 1956
 Director-Two Year Program,
 Two-Year Summer Camp
 Aerial Photo Interpretation
 Wood Products Utilization
 Forest Measurements
 Wood and Tree Identification



HOWARD L. MENDALL
 Prof. of Wildlife Resources
 Leader, Coop. Wildlife Research Unit
 B.A., Univ. of Maine, 1931
 M.A., Univ. of Maine, 1934



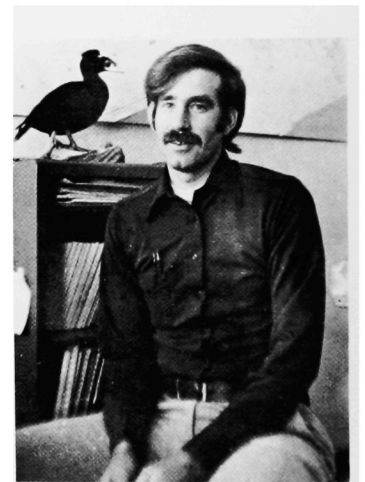
RAY B. OWEN, JR.
 Assoc. Prof. of Wildlife
 B.A., Bowdoin, 1959
 M.S., Univ. of Illinois, 1966
 Ph.D., Univ. of Illinois, 1968
 Ecology
 Senior Seminar
 Ecological Energetics



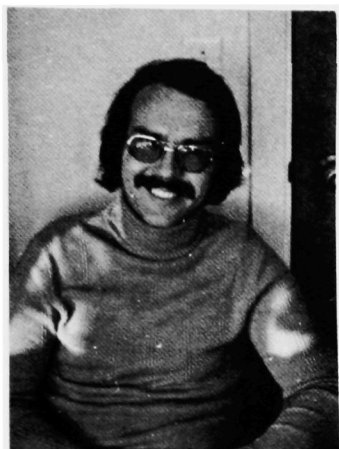
JAMES R. GILBERT
 Assist. Prof. of Wildlife
 B.S., Colorado State Univ., 1968
 M.S., Univ. of Minnesota, 1970
 Ph.D., Univ. of Idaho, 1974
 Principles of Wildlife Management
 Senior Seminar
 Biological Characteristics of Game
 Birds and Mammals



VOIT B. RICHENS
 Assoc. Prof. of Wildlife
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 B.S., Washington State, 1957
 M.S., Utah State Univ., 1961
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 Wildlife Management
 Wildlife Graduate Seminar



CARL E. KORSCHGEN
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 Ph.D., Univ. of Maine, 1976



TERRY A. MAY
 Assist. Prof. of Wildlife
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 Ph.D., Univ. of Colorado, 1975
 Biological Characteristics of Game
 Birds and Mammals
 Director-Wildlife Summer Camp



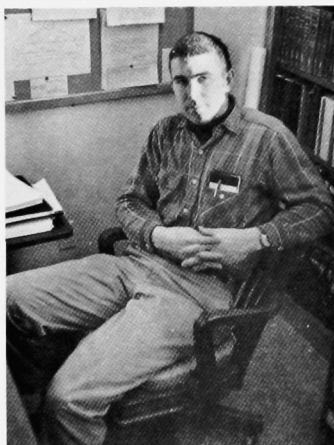
CHESTER F. BANASIAK
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 B.S., Michigan State University
 Forestry, 1948
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 Wildlife, 1952
 B.S., University of Montana, 1965
 Ph.D., University of Maine
 Forest Resources, 1974



TIMOTHY GERALD O'KEEFE
 B.S., New York State Univ.,
 Syracuse, Forest Products
 Engineering, 1955
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 Syracuse, Forestry, 1957
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 Psychology, 1973



MARK W. HOUSEWEART
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 Ph.D., Univ. of Minnesota, 1976



DAVID B. FIELD
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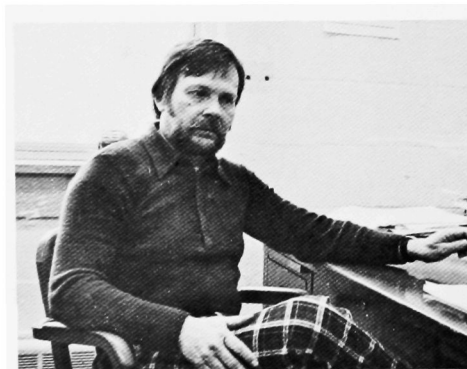
ROGER F. TAYLOR
 Superintendent of Dwight B. De-
 meritt and Harold W. Worthen
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MAXWELL L. MCCORMACK, JR.
Research Prof. of Forestry
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D.F., Duke Univ., 1963



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Faculty Associate
B.S., Rutgers University, 1954
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Ph.D., Syracuse, 1971



HEWLETTE S. CRAWFORD, JR.
M.S., University of Michigan
Wildlife Management, 1957
Ph.D., University of Missouri, 1967

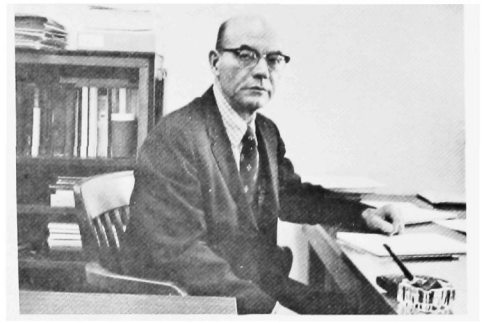


D. GORDON MOTT
B.S.C., Univ. of New Brunswick,
Forestry, 1954
M.F., Yale Univ., 1957

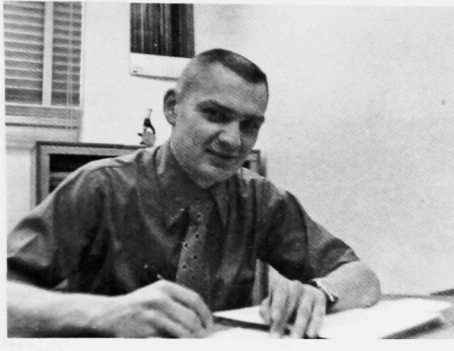


ROBERT M. FRANK
Faculty Associate
B.S., The Pennsylvania State Univ.
Forestry, 1954
M.F., The Pennsylvania State Univ.
Forestry, 1956

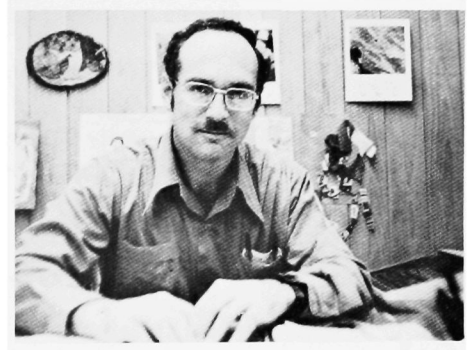
RALPH H. GRIFFIN
 Prof. of Forestry
 B.S., Virginia Polytechnic Institute,
 1943
 M.F. Yale, 1947
 D.F., Duke, 1956
 Silvics-Forest Ecology
 Silviculture
 Advanced Silviculture
 Forest Influences



NORMAN P. KUTSCHA
 Assoc. Prof. of Wood Technology
 B.S., College of Forestry, Syracuse,
 1959
 M.S., Univ. of Wisconsin, 1961
 Ph.D., College of Forestry, Syracuse
 1967
 Wood Anatomy
 Research Techniques in
 Wood Anatomy



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 M.S., Purdue Univ., 1966
 Ph.D., Purdue Univ., 1969
 Forest Biometry
 Photogrammetry And Remote
 Sensing of Natural Resources
 Director-Forestry Summer Camp



MALCOLM W. COULTER
 Prof. of Wildlife Resources
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 B.S., Connecticut, 1942
 M.S., Univ. of Maine, 1948
 Ph.D., Syracuse, 1966
 Ecology
 Wildlife Management
 Senior Seminar
 Graduate Seminar



HAROLD E. YOUNG
 Prof. of Forestry
 B.S., Univ. of Maine, Forestry, 1937
 M.F., Duke Univ., Biometrics, 1946
 Ph.D., Duke Univ., Biometrics and
 Tree Physiology, 1948

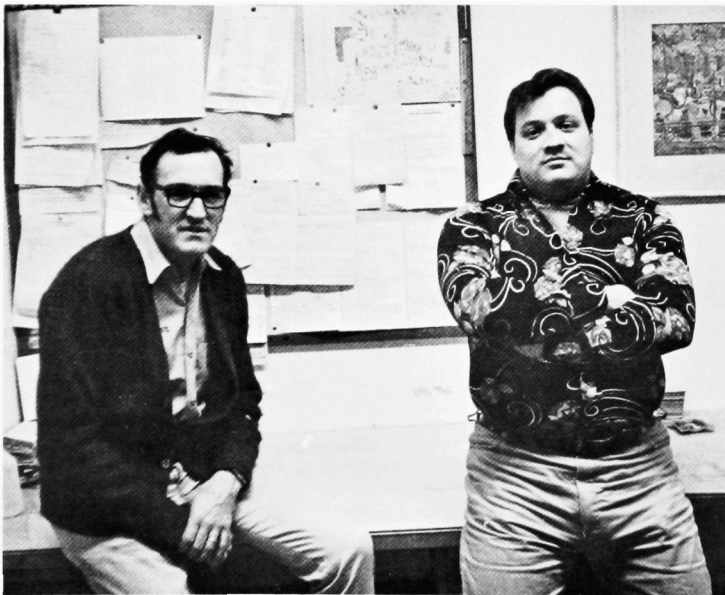


SECRETARIES AND JANITORS



Kathy Carson, Susan Francis
Amy Morin
Betty Keane, Missy Harris Maxine Horne
Janice Gifford, Regina Pelletier

“The People who keep the School Running”



Ed Boucher

Gene Richardson

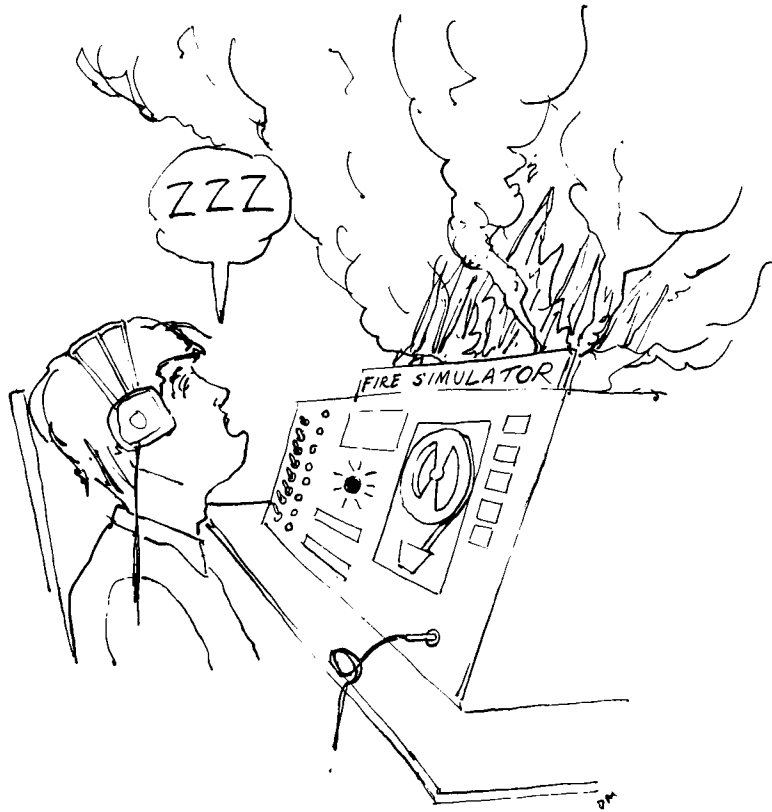


Al Robichaud

ASSOCIATE

DEGREE

PROGRAM



“But it’s only supposed to simulate”

DEDICATION

PROF. ARTHUR G. RANDALL

Professor Arthur Randall has done much to enhance the School of Forest Resources' reputation. Few faculty have ever entered this institution with the background of this man. Prof. Randall obtained his BS and MF at Yale in 1933 and 1934 respectively. During the next twelve years, prior to accepting a teaching position here, Prof. Randall acted as a District Ranger on four National Forests in the west, worked with the CCC program, did research work at the Allegheny Forest Experiment Station, and taught at Colorado State College. Prof. Randall, with the longest tenure of any of the teaching staff in the school, has fulfilled many positions; from 1946 to 1952 he taught as an Assistant Professor, at which time he was promoted to an Associate Professor. In 1968 with the founding of the two-year technical program, Prof. Randall "took the reins" and led this program up until this time. Both on and off campus his enthusiasm in organizations has kept him very active. Among these activities are running fire crews, advisor to the Fortec Club, and being active with SAF, AFA, Orrington Conservation Commission, and Xi Sigma Pi, along with authoring or co-authoring thirty publications dealing primarily with fire and cutting programs. It is due to this vast knowledge, experience, and Prof. Randall's general outlook on life that all of us here at the School of Forest Resources hate to see him leave.

The technician program here at UMO certainly owes much to Professor Randall. Through his experience, intelligence, character, and personality this program has become a success. In the growing field of forestry, he saw not only the need for Professionals, but also the growing demand for technicians. With this in mind during the past eight years Professor Randall has strived and succeeded in his goal of turning out high quality technicians that are in demand in the market.

It is with remorse that I see Professor Randall leaving the school. He has accomplished much during his 31 years with us. He has been resourceful, reliable, enthusiastic, and always willing to accept responsibility. I can only hope his retirement holds many years and much happiness for both him and his wife.



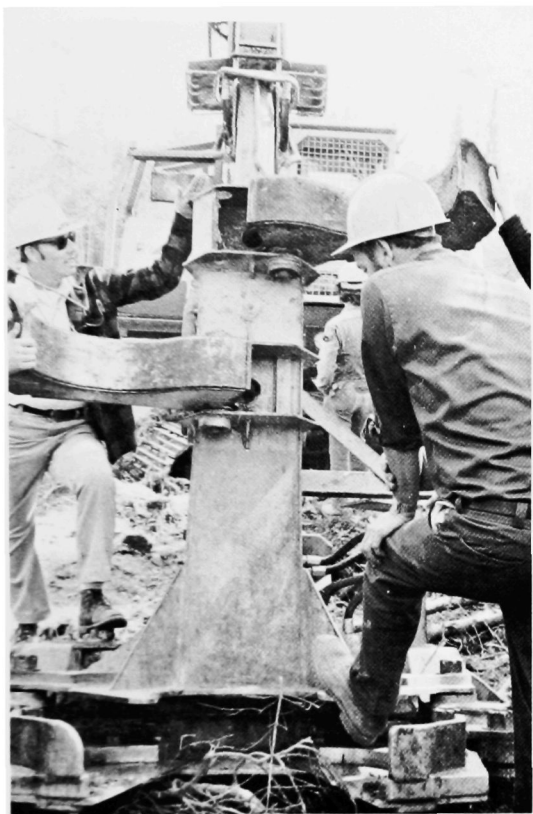
Prof. Arthur Randall has consistently exhibited his professional background and current understanding in the field of forestry during his thirty-one years of teaching. With the formation of the technician program, Art has still been able to share his time between the two-year program, the four-year programs, students, faculty, and various outside activities. We hope that even after he enters the field of retirement he will come back to continue to share a bit of his experience with us.

I've got to say never have I seen another man like Art Randall. Even as he is about to retire and leave the school where he has dedicated so much of his time, he is still striving to make improvements. I'm sure even throughout his retirement he'd be more than delighted to sit down with any student and discuss fire fighting concepts or silvicultural practices. May your retirement be long and fulfilling.

Forest Management Technology

by

Wallace C. Robbins



The two-year Forest Management Technology program is rounding out its ninth year and there are two items of significance to report since last year's edition of the Maine Forester. First, we have to report the up-coming retirement of Professor Arthur Randall, who has been teaching forestry students at UMO since 1946. He taught various required courses in the B.S. degree program until the two-year program was initiated, and even then maintained contact with the four-year program by teaching Fire Control and Range Management courses. He was Director of the Forestry Camp until very recently, and he has been a good adviser to younger faculty coming to the school as well as being a student adviser to many. He is going to be impossible to replace, although we will have to hire someone to pick up the teaching load he has handled. I can see him now, this summer, relaxing at home on the north shore of Swett's Pond while we're sweating it up the slopes of Bigelow and Sugarloaf, swatting the black flies.

Second, we had our first lady technician graduate last June (1976) and this fall we started with three more ladies in the new class.

Reporting on last June's graduates, of the 37 who completed the program and received their certificates, 18 are in forestry or forestry-related jobs, 7 went on to further their education in four-year forestry or other programs at UMO, two have non-forestry related jobs, and the other eleven, we are sorry to say, we do not know what their situation is at present.



The present senior class in the Ty program has the distinction of being the last forestry class to use the Princeton facility. Beginning this summer we will be working out of Capricorn Lodge, near Sugarloaf Mountain for our field training program. The faculty as well as the students will be "breaking new ground" at summer camp this year.

Two Year Forestry Technical Freshman

by

Steve Pelletier

Forestry "Techies", the two year forestry students of UMO, can be found in a wide variety of situations. One such situation might be sitting in the ancient and battered orange "stumpy" bus (more affectionately deemed "Calypso a' la tech") in cold, sopping wet clothes, scraping muddy boots clean while the last few stragglers drag tangled chains out of the Demeritt Swamps on a cold, rainy November morning. Another would be frantically scribbling haphazard notes while BTU's and amperes burn up the chalkboard and the brains of temporarily crazed students. Yet, in a few hours they can be tearing through a muddy field in a roaring Ranger 677 Skidder. These are all just quick scenes and indeed, only a minor part of a forest techie's school time lifestyle. It had all begun only a matter of weeks before when classes, labs, and the rest of the college entrapments ended summer months and vacation times to officially kickoff a college career. Finding out what roommates, dorm parties, meal tickets, and prelims were all about was only a minor part of life in the College of Life Sciences and Agriculture at Orono's University of Maine.

The sixty-three students comprising the freshman technical forestry class endured the initial trials and tribulations of their first few months of college. Abney levels, D-tapes, calipers, and log

scales all received good workouts during four hour morning labs, rain or shine. Unfortunately there seemed to be an abnormal amount of rain.

The Technical Division of the College of Life Sciences and Agriculture basically aims to prime its students for a forestry career. While the programs are not specifically designed as preparatory for the four year professional forester's curricula, there is still a recognized continuum permitting able students whose educational objectives change to transfer to a four year program upon the successful completion of the Associate Degree studies. The courses are of a technical nature and place emphasis upon the development of skills for immediate application upon graduation.

Classes and labs cover many aspects of both forestry and non-forestry education. These range from classes of Forestry Power, where conventional and diesel engines, transmissions, electrical systems and hydraulics are studied and tested, to speech classes where students can be found quaking in their boots in front of fellow classmates. The good times and hard times of the two year stumpies' college make life much more enriched, not only by the amount of beer consumed, but by the knowledge gained and friendships founded. It's only the first year, but it's a beginning.



Two Year Forest Management Seniors

by
Walt Dunlap

After having skillfully examined the arboreal minutiae of Township 27ED at Princeton; having designed recreation plans for undreamed financial success at Pocomoonshine; having inventoried the town landfill for small mammals; having cleared miles of grade A firebreaks; having mastered the complexity of the plane table and having pondered mightily the virtues of Schooner beer, the Senior Forest Management Technicians turned their limitless talents to the fall semester.

Many of us were saddened to leave the lofty seclusion, serene calm and elevated sophistication of the Bangor campus for the rushing hurly-burly and cacophony of metropolitan Orono. Many of us took this turn of events in stride however, and were quick to demonstrate a remarkable environmental adaptability by participating fully in the intellectual circuit which revolves around the Bear's Den. There, some have sought an answer to the timeless forestry riddle: Is beechwood aging better? The elusive resolution of this important question has prompted some to consider post-graduate research.

Fortunately, the Fall curriculum permitted us to renew our fond affection for the ARE department through Accounting, to appreciate the distinction of bulk densities and cation exchange capacities, to meld all these diverse expressions in good expository form so that we are now able to discuss humus in the most genteel society in terms of accounts receivable.

Now in the last semester, we find ourselves more integrated into the university community than ever before and, ironically, paying more attention to bulletin board announcements from the placement office. We still seek an answer to that forestry riddle and look ahead to graduation. We have begun to think of graduation not as an EFT, but more as an EPO and feel confident that the paths of some of us will cross again.



Forest Technician Summer Camp

by

Harold Webb

Each year members of the sophomore class of the two year forest technician program spend six weeks at Camp Robert I. Ashman in Princeton, Maine as a requirement for their Associate Degree. The camp is headed by Professor Robbins and Professor Randall, who are assisted by Bill Lilley. In these six weeks the students are educated in practical skills of forest management and practice these skills in the field. Although the camp is similar to the four year curricula camp it is not exactly the same.

On July 18, twenty-six second year technicians showed up at camp Ashman for what seemed to be the longest six weeks in their lives. The first day consisted of quizzing in dendrology to see how well the common tree species were remembered. From that day forward it seemed as though a chain was always in one hand and a compass in the other, for constantly compass lines were run through the forest.

For the next two weeks one could hear the grinding of axes in camp at all hours of the day. To insure of adequate experience in cruising, over two weeks were spent doing this task on lands of the Indian Township. Each pair of students cruised a mile-square compartment using the strip, line plot, and point sample cruising methods. The compartment cruise was a trying exercise as students battled the mosquitoes for their lunch, became engulfed by man-eating cedar swamps or ran out of water halfway across across a clearcut in 90 degree weather. They constantly prayed plot centers would land in an old logging road or spruce bog, (no tally!). After running the compartment cruises, crews check-cruised other student's lines.

After taking 4 CET (Elementary Surveying), most hoped they would never hear the phrase "error of closure" again. Because it was only reasonable to get some extra practice in surveying, Bill Lilley instructed many surveying exercises. A plane table survey of the R.I. Ashman Camp was done and a map constructed with it. Traverses done with both the hand and staff compasses, mapping of a clearcut area with the ready mapper, designing a recreation plan and constructing a map for that were also accomplished. It seemed the more surveying done, the larger the "error of closure" got!

The foreman's position on a forest fire crew is often held by a forest technician. It was important then to become familiar with the fire-fighting equipment and procedures. The class took a trip to a local Forest Service Station to hear a talk on forest fire organization and equipment. Also, an afternoon was spent operating portable and stationary pumps, hoses, etc. Somehow, through all these exercises only one hose was broken. This same week a simulated fire set up by Prof. Randall was fought. A fire line was held by a pumper crew using portable pumps.

Some other exercises done at summer camp were a day of boundary line maintenance, a day of wood harvesting, and a saw mill study.

During the six weeks of summer camp the techies went on a number of different field trips in the area. They visited a Georgia-Pacific tree planting operation where seedlings were being planted on clearcut areas, a greenhouse where the seedlings were raised, the Moosehorn National Wildlife Refuge to observe wildlife management, Dead River Company with its harvesting operations and the G.P. stud mill. G.P., mechanical harvesting operations were viewed using such machinery as the Logma Delimber, Drop-Feller-Buncher, Bo-bark Chipper, Grappler-Skidder, and a Forwarder. Also taken in were a number of trips to different saw mills and paper mills.

Since there were few sources of entertainment in the big city of Princeton, members of the R.I. Ashman Camp resorted to wild volleyball games after supper, frequent dips in the lake (some involuntary), and marathon card games at 2:00 in the morning. Occasionally Prof. Randall would fire up the "Stumpy Express" and the troops would travel to the Woodland High baseball diamond for a rowdy game of softball.

After six weeks in Princeton, Maine, all had practiced so much forestry that chaining and pacing were done in their sleep. After a week's vacation, notebooks were packed, hair cut, two inches of grime washed off their bodies, and the techs trudged into Nutting Hall for classes once again. As bad as it seemed to start classes, anything was better than summer camp '76.

Two Year Technician Seniors

MARK AKELEY
Bath, Maine

GARY H. ANDREWS
Bridgton, Maine

WILLIAM H. BEYENBERG
Bangor, Maine

DENNIS BOLDUC
Waterville, Maine
Soccer, Hockey

ROBERT CARRELL
Augusta, Maine
Timber Cruising

DANIEL J. CYR
Madawaska, Maine
F.A.R.O.G. Forum Newspaper
Fortec Club

RICHARD DEARBORN
South Portland, Maine

ERIC DAVIS
Marblehead, Mass.
Photography, Mountain Climbing,
Soccer, Lacrosse, Sailing

WALT DUNLAP
Lancaster, Penn.
Maine Masque

MIKE DUQUESVOY
Brunswick, Maine
Fortec Club

PATRICK R. GAGNE
Norway, Maine
Fortec Club

JOI HALL
Dixfield, Maine

HERBERT C. HAYNIS
Winn, Maine

SCOTT KIERSTAD
Dalton, Mass.
I.D.B. Member, Treasurer-D.A.B.
R.A. Selection Committee, R.A.
Augusta Hall

KENNETH G. KIRCHHOFF
Avon, Conn.
A.F.A.

KENDALL E. KNOWLES
North New Portland, Maine

MICHAEL MAHANEY
Augusta, Maine

DANIEL G. MURRAY
Gardiner, Maine
Intramural Sports
Sigma Alpha Epsilon
Fortec Club

MICHAEL P. NEVELLS
Beverly, Mass.
Student Senate, D.A.B.
Student Receptionist

JEFFREY PEET
West Chester, Penn.

NORMAN G. REDLEVSKA
Mercer, Maine

CHRISTOPHER E. ROBINSON
Chesterex, Switzerland
Fortec Club

GLENN D. SAUCIER
Fort Kent, Maine

JAMIE SERNATINGER
Suffield, Conn.

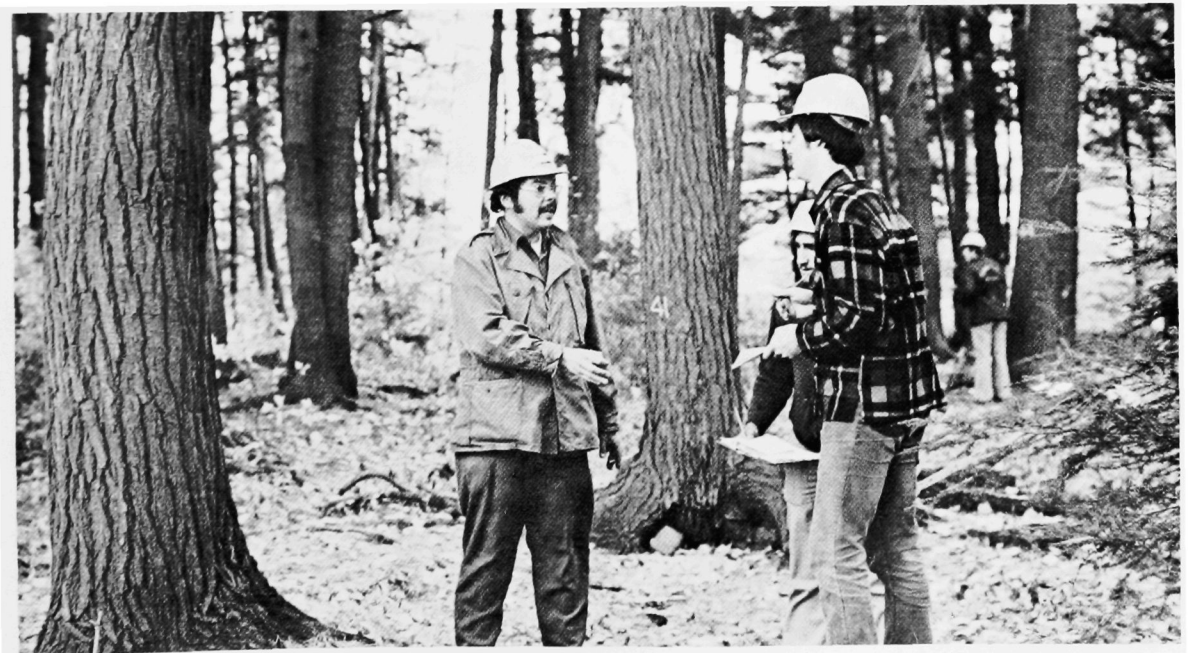
DAVID SMITH
Weeks Mills, Maine

DANIEL SPOONER
Hope, Maine

HAROLD WEBB
Prospect, Maine
Forestry Club-Vice President 75-76
Woodsmen Team
Chopper on university Forest Crew

TOM WEBB
Milo, Maine
Baseball, I.D.B.
Intramural Sports

JEFFREY WHITE
Franklin, Mass.



BACHELOR

OF

SCIENCE

DEGREE

PROGRAM



“Poor little tree, I know how you feel.”

FRESHMEN



"Gotta try everything once!"

Freshman Class

by

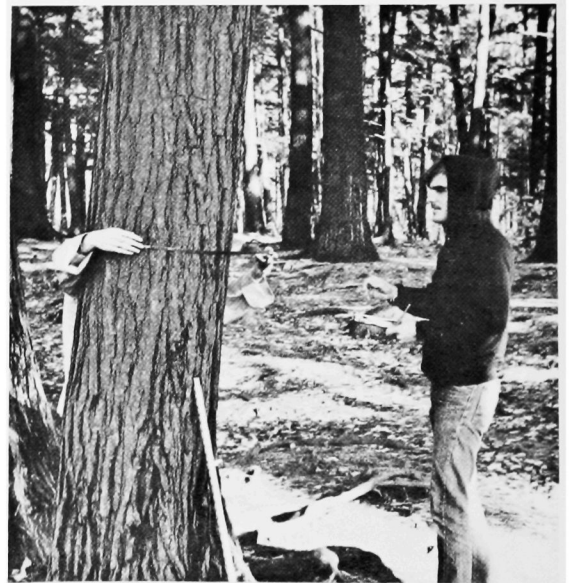
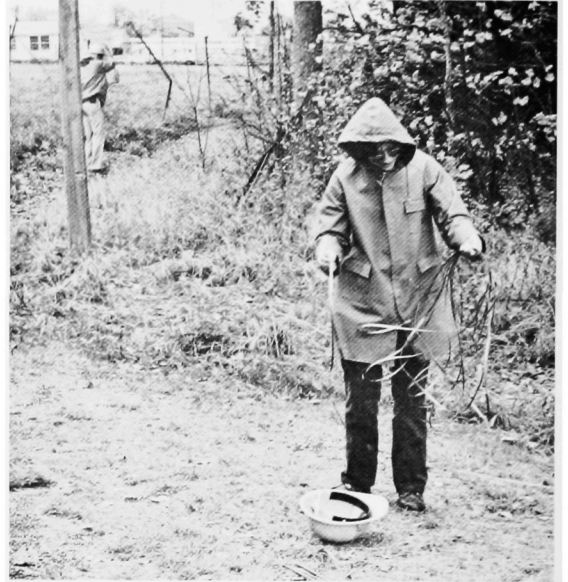
Kevin Murphy and Patrick Strauch

This year brought yet another class of freshmen to the School of Forest Resources. As mixed a group as ever, everyone attempted to adjust to the new life and environment of the campus. Some obstacles met by the new students were, tripling up in the dormitory rooms, dealing with the impersonal computer in arranging schedules and finding one's way home in the dark for the first time. Eventually, everyone settled in to begin the first days of many days to come.

Courses began and so did the work. The numerous tests and quizzes staggered our minds, but we still trudged on. Weekends were long looked forward to during the "dedicated" weekdays. Such courses as: Bio 1, Ch 11, Fy 1, and Ms 4, will forever remain memories of memorization. The promise of the long vacation brought many of us through the remainder of the semester and the ordeals of finals. Indeed the first semester finally passed, as did the majority of the students.

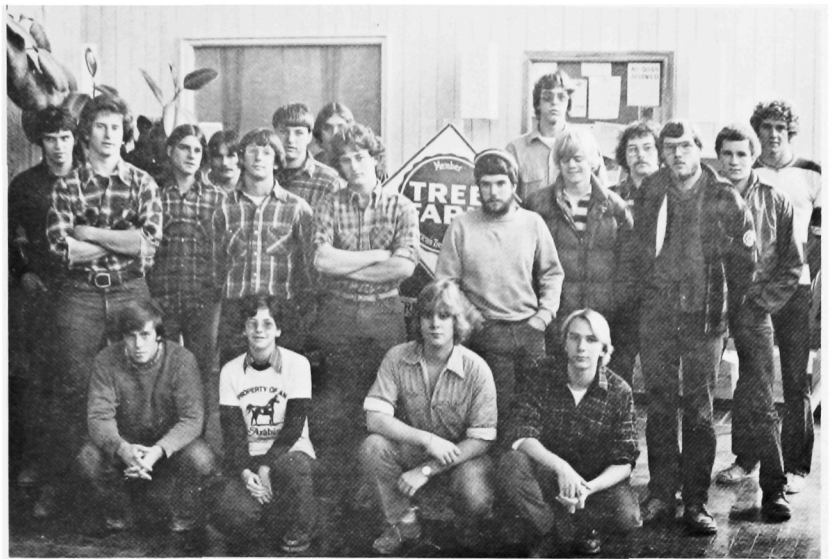
After the long semester break, the second semester resumed and the freshmen returned once more, but upon this arrival, emotions and feelings were of a mixed nature among the students. Some were in question of their majors, others seemed sure of their future. With the first semester experiences behind us, we all seem to be a little wiser and look forward to what lies ahead of us.

So what has been learned? In which direction will this education take us? Are the goals set by students in the School of Forest Resources realistic? Hopefully, during the coming years at Nutting Hall students will be assured of their convictions and allowed to follow a direction of their own design.



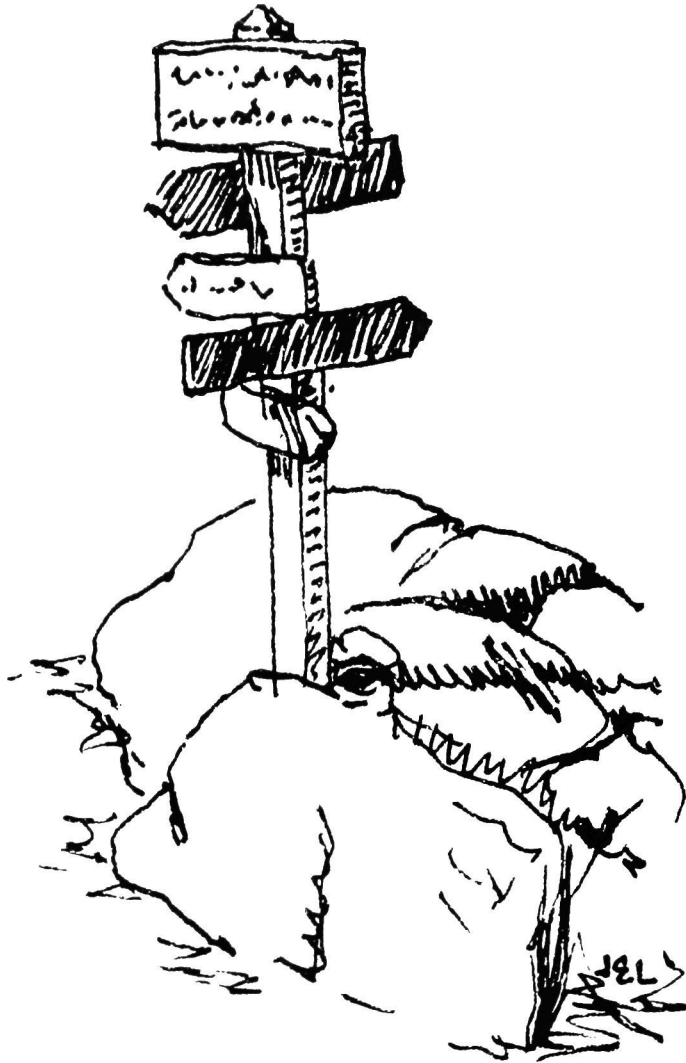








SOPHOMORES



“Which way do I go from here?”