



THE
MAINE FORESTER
1969

THE MAINE FORESTER



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

1969

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THE MAINE FORESTER

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DEDICATION





DR. MALCOLM COULTER

We, the class of 1969 take great pride in dedicating this year's edition of "The Maine Forester" to Dr. Malcolm W. Coulter.

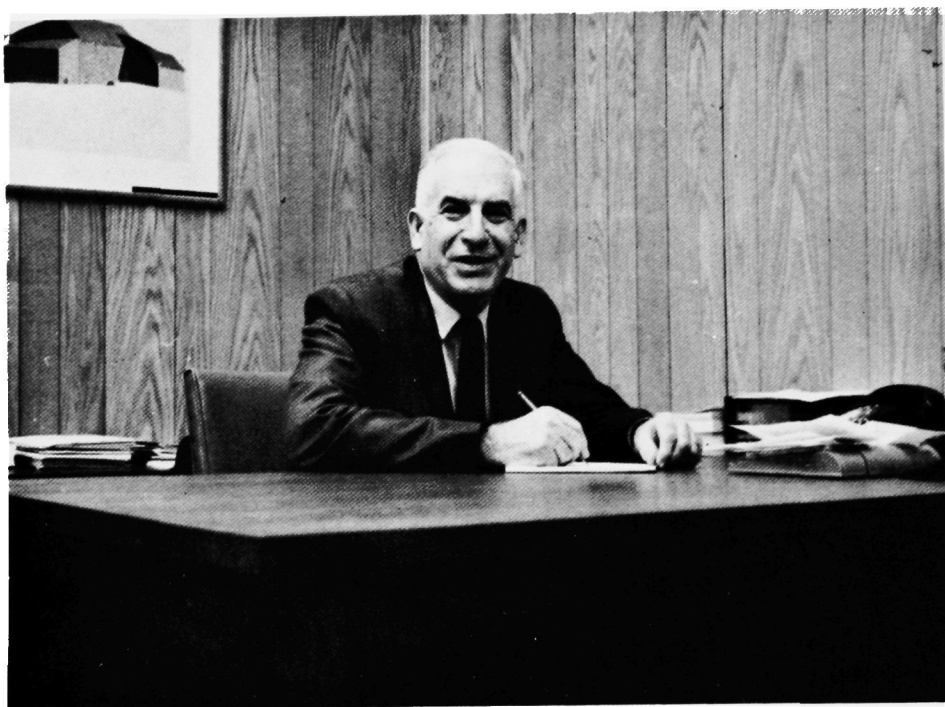
Dr. Coulter obtained his B.S. Degree from the University of Connecticut in 1942, his M.S. from the University of Maine in 1948, and his Ph.D. from the College of Forestry at Syracuse in 1966.

His professional career has indeed been impressive. It has included Field Assistant for the Connecticut State Board of Fisheries and Game in 1941; Technical Assistant for the Vermont Fish and Game Service, 1942; Project Leader, Vermont Fish and Game Department, 1948; Assistant Leader of the Maine Co-operative Wildlife Research Unit and Instructor in Game Management, Assistant Professor, Associate Professor, and Professor from 1949 to 1964; Coordinator of the Wildlife programs and Professor of Wildlife Resources from 1964 to 1968. At present, Dr. Coulter's position is Associate Director for Wildlife. Dr. Coulter has also authored and co-authored some twenty-seven publications.

There are, perhaps, many forestry students who never have the opportunity to meet Dr. Coulter, but those who have will certainly agree that he is a most interesting and intelligent man.

It is men of Dr. Coulter's caliber who have made the University of Maine's Department of Forest Resources one of the finest and most respected in the United States. We thank you for the twenty-one years you have given to the University.

THE DIRECTOR'S MESSAGE



The School of Forest Resources 1903–1969

By DIRECTOR A. D. NUTTING

August 22, 1968 was a memorable day in the history of the School of Forest Resources. It was the dedication date of the School's new building and the tenth annual Maine Forestry Field Day. It fulfilled over 30 years of waiting by the staff, alumni, and school friends to have a building that would house all school activities. Thanks is due to the support and efforts of many groups and individuals. Funds appropriated by the Maine legislature, plus federal monies and the support of the University Administration, were the main essentials. Gifts from friends for interior paneling and equipment have added much to the attractiveness and usefulness of the building. It is also the long realization of the School's desire to have a modern wood building to demonstrate the usefulness and beauty of wood in a large modern structure.

The day's program began at 10 a.m. with trips

to the University Forest and an opportunity for early arrivers to look over the building. A lumberjack luncheon was expertly served on the lawn near the building by the University dining hall staff, under the direction of William Wells. Three programs followed the luncheon, as outlined.

Over 500 persons were in attendance on Dedication Day. They were so pleased with what they saw that they encouraged many others to see the building. This has resulted in a large number of individual and group visitations. Some have come to see a beautiful building, and others to see the use of wood. They all agree it has provided an increased interest for wider use of wood. Especially pleasing have been the favorable remarks by University students and faculty outside the School about the building's appearance. It has also been very favorably written about in many publications.

Facilities are important and this year it is very easy to over-emphasize them. The staff recognizes that attracting and training students, as future leaders, is its major role. Faculty of the school are proud of its students. They believe that most of them have the desire and will accept the challenge to become the forest resource leaders of tomorrow in their chosen professions. Many plan to begin their careers at the end of four years, while sizable numbers plan to continue their training through advanced degree programs. Following are the student enrollments for 1968-1969:

Graduate Students			Forestry	Wildlife
Forestry	9	Seniors	45	21
Wildlife	6	Juniors	31	28
Special	1	Sophomores	43	30
C.E.D.	2	Freshmen	70	
<hr/>			<hr/>	<hr/>
18			189	79

Total - 286

+ 2-year Forestry Freshmen Grand Total - 323

During the past year the School has had a number of changes — a new name, School of Forest Resources; a reorganization with two (2) Associate Directors, one for forestry and forest products and the other for wildlife; addition of a 2-year technician program and a new building. All of these changes have contributed to a broader and a better school program.

A number of new faculty members have been added in 1968-1969. In fact, the largest number in any one year in the School's history. This was brought about by a number of factors—two retirements (Baker and Beyer)—two transfers to the 2-year Technician program (Randall and Robbins); and the authorization of new positions. Professor Harold Young has been on a leave of absence at the Australian National University, Canberra, Australia. He is working on his research interests while in Australia. The School has been fortunate to have Professor Emeritus Baker with us on a half-time basis.

New staff members and specialties—

Dr. James C. Whittaker, Assistant Professor, was obtained from the U.S. Forest Service to head forest recreation. Edwing Giddings, Lecturer, a former staff member and most recently Vice President of The Penobscot Company, is heading the freshman introductory courses, taught forest management in the fall and mensuration this spring. Donald Wilson, Instructor, Maine 1965 with an M.S. from New Hampshire in 1967, came to us while Professor Randall was recovering from an eye operation. He has assisted with

the freshman 2-year program and with other laboratory courses. In Wildlife, Dr. Frederick Gilbert, Assistant Professor, from Guelph University, in Ontario, replaced Dr. Donald Behrend, who returned to New York State. Dr. Ray Owen, Assistant Professor, is from the University of Illinois. Dr. Voit Richens, Assistant Professor, is Assistant Leader of the Wildlife Research Unit with a Ph.D. from Utah State. He most recently was headquartered at David, California, with the U.S. Bureau of Sport Fisheries & Wildlife. Allen Brackley, M.S. Maine 1968, is an Instructor in Wood Technology. Dr. Norman Kutscha, Assistant Professor, Wood Technology, with a Ph.D. from the College of Forestry, Syracuse, N. Y. Marshall Ashley, Forest Mensuration, B.S. Maine 1965, after completion of his Ph.D. at Purdue, will join the staff on June 1, 1969 in time for summer camp.

The School is petitioning to be allowed to offer Ph.D. training in forest resources to begin in the fall of 1969. Dr. Coulter is Chairman of the Ph.D. Proposal Committee. The staff believes the approval is needed to strengthen its graduate and research programs. It will broaden the possibilities for research contracts and grant funds. They believe the School is well qualified to do this with its broadened staff, strong M.S. program, and newly added research facilities.

Summer Camp in 1969 will be on a 6-week 6-days-per-week basis. This will allow the holding of two camps at Princeton, one for B.S. students and the other for 2-year technicians. The University is seeking legislative funds for two staff houses and a start on new student living quarters. Staff houses are badly needed, so that instructors will be at the camp at all times. They can't be expected to do this without an opportunity to have their families with them at camp. New student quarters are needed to replace and supplement 40-year-old log cabins.

Because of the new building, it has been possible to assign student groups, for the first time, a room with a desk and files for their records. Such space has been badly needed. As a result of work done by earlier Xi Sigma Pi students and faculty in thinning and shaping balsam fir stands on the University Forest, higher quality trees than usual were available for the annual Christmas tree sale. This year's sale was handled jointly by Xi Sigma Pi and the Forestry Club. They netted a record of over \$500. to help finance their other group activities. The Wildlife Club is participating in a wildlife student quiz program being sponsored by the Northeastern

Section of the Wildlife Society. Trophies are continuing to be earned by the Woodsmen's Team with a very fruitful trip to Fredericton, N.B. in the fall. A very successful Christmas party for children was conducted by the Student Wives' Club. Student organizations have the active support of the faculty, because they believe such activities provide entertainment, experience, and help students become both better professionals and citizens. Each organization will relate their own programs in other sections of this book.

The new facilities have added to the School's ability to sponsor extensive or continuing education programs. It has hosted, or will host, a number of workshops, seminars, and meetings this year. Among them are: Dry Kilning, Lumber Grading, Northeast Wood Products Society, Woods Safety, Warden School for the Department of Inland Fisheries & Game, Forestry-Wildlife programs at University Open House, Woodcock Symposium, National Advisory Board and Advisory Committee on Forestry Research, New England Section Society of American Foresters, Regional Vocational Forestry teachers, and a visit by the State Foresters National Association in October. They vary in length from 1 day to 12 weeks. Several unlisted activities will undoubtedly be sponsored during the year.

A Junior Foresters' Institute was held in Au-

gust 1968 which was the second sponsored by the School. Another is planned for the summer of 1970. Ten students are currently enrolled from the first institute. Such programs help orient students on forestry and wildlife. They also acquaint many high school guidance teachers with the School and its programs.

Undergraduate curriculums and graduate programs have been improved by course additions and changes.

Research activities broaden the instructor and serve as an inspiration to students who observe the scientists at their work. Nearly 70 percent of the new building is assigned to research. McIntire-Stennis funds have enabled the School to increase its staff, thus broadening both its research and teaching. It also provides a number of graduate research assistantships. Over 50 percent of the School's budget is allocated to research. Several new research proposals are nearing completion with both industry and public agencies and are expected to get underway this spring.

The past year has been both busy and challenging. With well-qualified students, able staff, and a new building with better equipment, and more expected, everyone looks to the future with optimism that the School will meet the challenges of 1969-1970.

Acknowledgements

We wish to thank those timberland owners and private industries whose generous contributions have made this edition possible.

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LET'S TAKE A HARD LOOK AT PRODUCTIVE FOREST LANDS

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

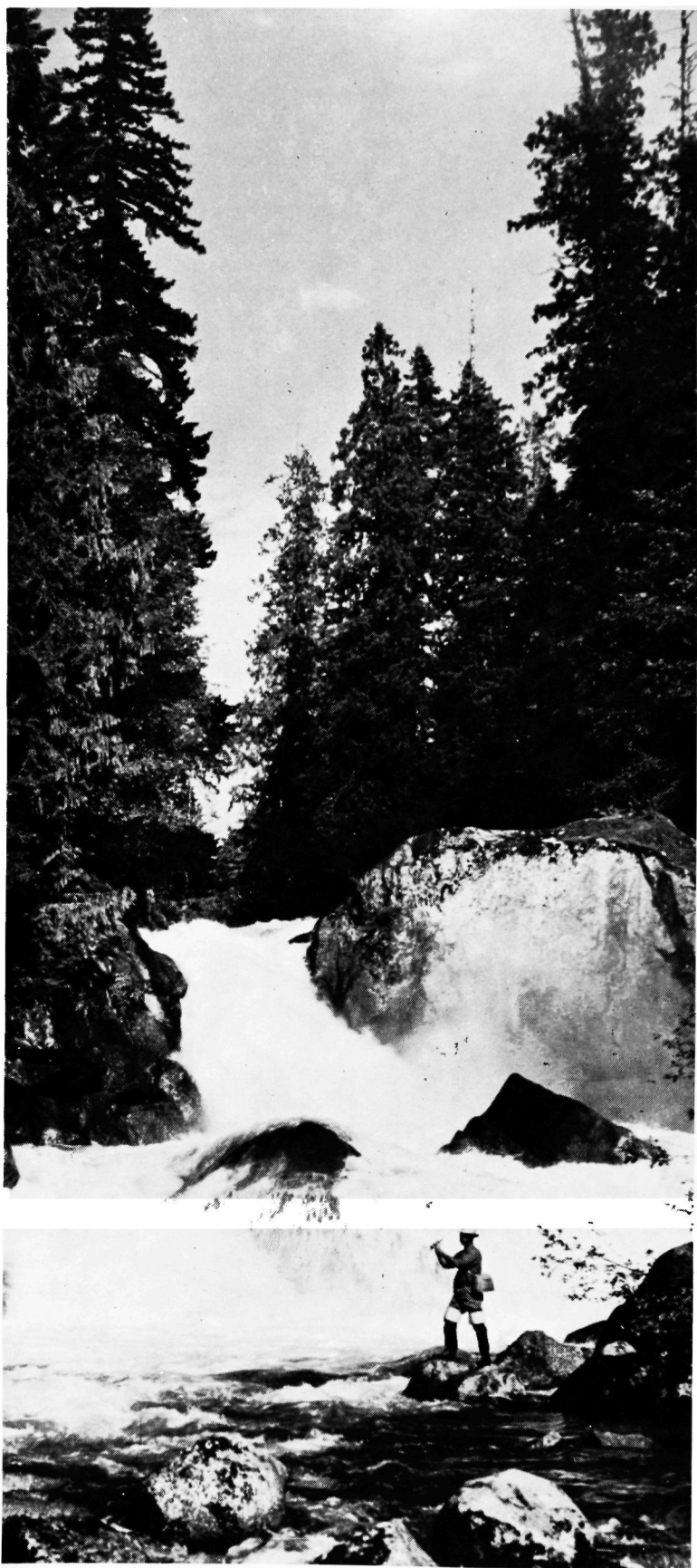
It is unreasonable to permit a small emotional segment of the population to lock up timberlands in endless wilderness parks limited to a single use. The answer lies in establishing a working balance of commercial and recreational needs—a multiple use of the forest.

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

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



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THE FACULTY

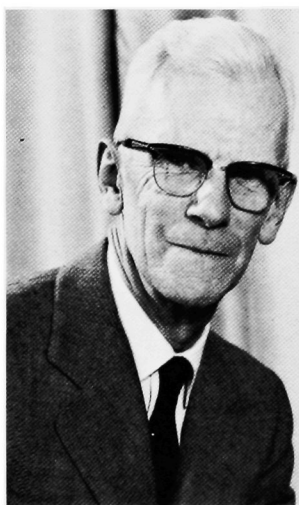




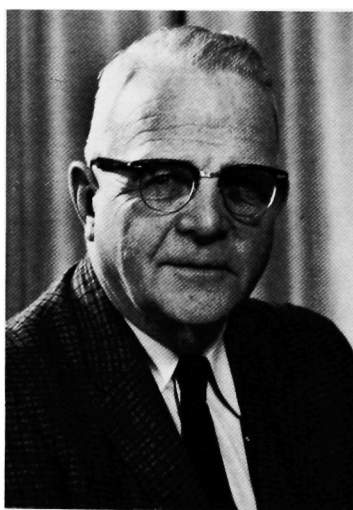
Director A. D. Nutting
School of Forest Resources
B.S. Maine 1927
Senior Seminar



Thomas J. Corcoran
Prof. of Forest Economics
Assoc. Director of
Forestry and Forest Products
B.S., Mich. College of
Mining and Technology
M.S., Purdue, 1960
Ph.D., Purdue, 1962
Forest Economics,
Production Analysis in Forestry,
Planning and Control of
Forest Operations



Gregory Baker
Prof. of Wood Technology
B.S., Maine, 1924
M.F., Yale, 1939
Lumber Manufacture,
Wood Identification,
Wood Preservation,
Wood Technology



Henry A. Plummer
Assoc. Prof. of Forestry
B.S., Maine, 1930
M.F., Yale, 1950
Introduction to Forestry,
Forest Planting,
Forest Harvesting,
Utilization Trip



Arthur G. Randall
Assoc. Prof. of Forestry
M.F., Yale, 1934
B.S., Yale, 1933
Chairman—Two-Year Program



Ralph H. Griffin
 Prof. of Forestry
 B.S., Virginia Polytechnic
 Institute, 1943
 M.F., Yale, 1947
 D.F., Duke, 1956
 Silvics,
 Silviculture,
 Silviculture Trip,
 Regional Silviculture,
 Forest Influences



Charles E. Schomaker
 Assoc. Prof. of Forestry
 B.S., Penn. State Univ., 1950
 M.F., Penn. State Univ., 1954
 Ph.D., Mich. State Univ., 1962
 Forest Hydrology and Watershed
 Management



Harold E. Young
 Prof. of Forestry
 B.S., Maine, 1937
 M.F., Duke, 1946
 Ph.D., Duke, 1948
 Forest Inventory and Growth,
 Advanced Forest Mensuration



Roger F. Taylor
 Superintendent of Univ. Forest
 Univ. of Mass.



Wallace C. Robbins
 Instructor in Forestry
 B.S., Maine, 1954
 M.S., Univ. of N. Brunswick, 1956
 Photogrammetry
 Two-Year Program



James E. Shottafer
 Assoc. Prof. of Wood Technology
 B.S., State Univ. of N.Y., 1954
 M.S., State Univ. of N.Y. and
 Syracuse, 1956
 Ph.D., Michigan State Univ., 1964
 Analysis in Forest Utilization,
 Wood Technology II,
 Research Methods in Forest
 Utilization



Richard Hale
Assist. Prof. of Wood Technology
B.S., Maine, 1949
M.F., Yale, 1950
Forest Products
Lumber Manufacture
Wood Preservation



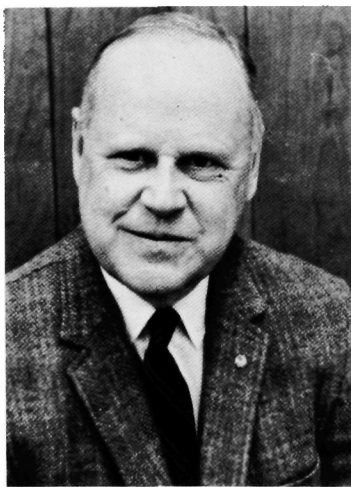
Lewis P. Bissell
Forestry Specialist
Coop. Extension Service
B.S., New Hampshire, 1940
M.F., Yale, 1947



Norman Kutscha
B.S., College of Forestry,
Syracuse, 1959
M.S., Univ. of Wisconsin, 1961
Ph.D., College of Forestry,
Syracuse, 1967
Wood Technology



James Whittaker
B.S., Purdue Univ., 1958
M.S., Purdue Univ., 1960
Ph.D., Ohio State Univ., 1965
Forest Recreation
Forest Policy and
Administration



Edwin L. Giddings
B.S., Univ. of Maine, 1933
M.F., Yale, 1934
Introduction to Forestry
Forest Management
Forest Mensuration



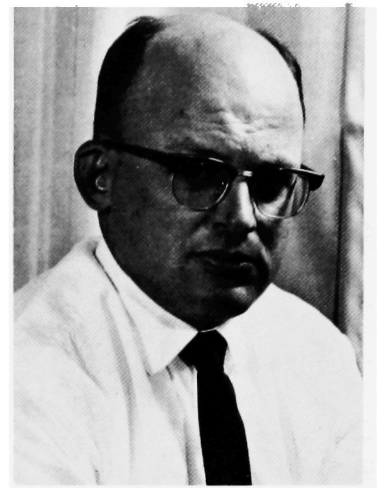
Donald Wilson
B.S., Univ. of Maine, 1965
M.S., Univ. of New Hampshire,
1967
Introduction to Forestry
Forest Mensuration



Howard L. Mendall
Prof. of W. L. Mgt.
Leader, Coop. W. L.
Research Unit
B.A., Maine, 1931
M.A., Maine, 1934



Malcolm W. Coulter
Prof. of Game Mgt.
Associate Director
of Wildlife
Assist. Leader, Maine Coop.
W. L. Research Unit
B.S., Connecticut, 1942
M.S., Maine, 1948
Ph.D., Syracuse, 1966
Wildlife Ecology



Sanford D. Schemnitz
Assoc. Prof. of W. L. Mgt.
B.S., Univ. of Mich., 1952
M.S., Univ. of Florida, 1953
Ph.D., Oklahoma State Univ.,
1958

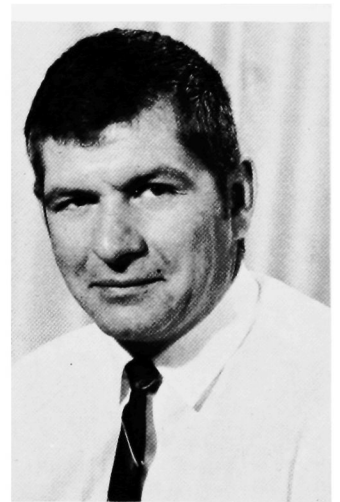
Introduction to Forestry,
Wildlife Ecology,
Wildlife Ecology Camp, Dir.
Wildlife Law Enforcement,
Game Biology,
Game Management



Raymond Owens
A.B., Bowdoin, 1939
M.S., Univ. of Illinois, 1966
Ph.D., Univ. of Illinois, 1968



Voit Richens
B.S., Wash. State Univ., 1957
Post B.S., Oregon State, 1958
M.S., Utah State Univ., 1961
Ph.D., Utah State Univ., 1967



Frederick Gilbert
B.Sc., Acadia Univ., 1965
M.Sc., Univ. of Guelph, 1966
Ph.D., Univ. of Guelph, 1968



Miss Gifford Mrs. Pelletier
Mrs. Cleale

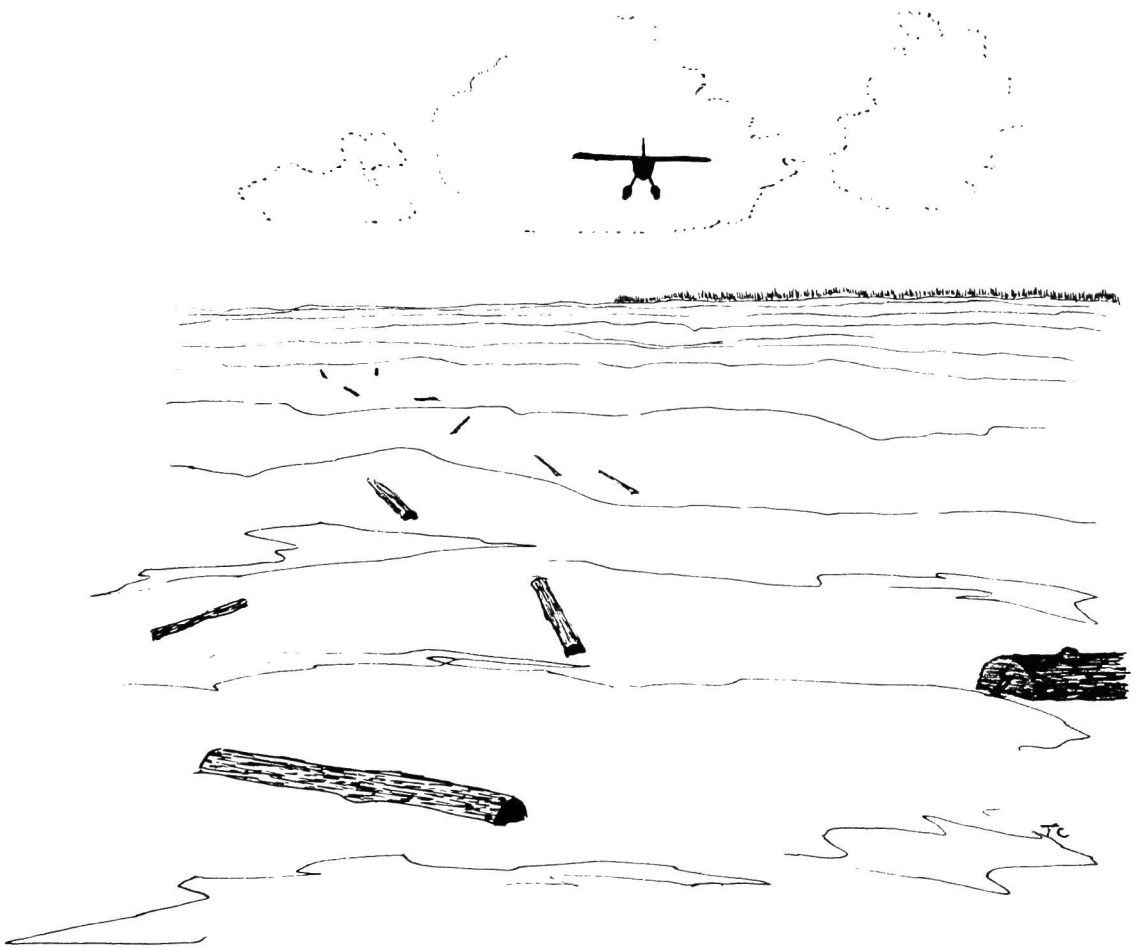


Mrs. Johnson
Miss Dyer



Miss Horn

GRADUATE STUDENTS





ANDRE BOURGET
B.S., Université Laval, 1968

THE GRADUATE PROGRAM OF ANDRE BOURGET (1970)

Interrelationships of Breeding Eiders, Herring Gulls and Black-backed Gulls

The purpose of this study is to determine the effects of the presence of gulls on eider ducks nesting in mixed colonies.

THE GRADUATE PROGRAM OF DOUGLAS P. DENICO (1969)

An Application of Continuous Forest Inventory to Small Forest Ownerships

A continuous forest inventory system is to be applied to a particular forest property. The efficiency of this inventory system will be compared with alternative methods. Analysis of inventory data will include an evaluation of multiple volume tables. Computer processing techniques are to be applied in all data analysis and summarization.



DOUGLAS P. DENICO
B.S., Maine, 1967

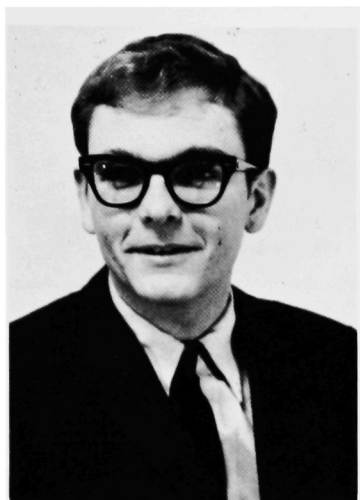


BARRY W. GAMMON
B.S., Maine, 1967

THE GRADUATE PROGRAM OF BARRY W. GAMMON (1969)

The Effect of Cross-sectional Geometry on the Bending Strength Of Small Beams of Eastern Spruce

The strength of structural size, ASTM secondary size beams, and smaller size beams will be correlated to determine the size-strength effect for small beams.



WILLIAM B. KROHN
B.S., Univ. of Alaska, 1967

THE GRADUATE PROGRAM OF WILLIAM B. KROHN (1969)

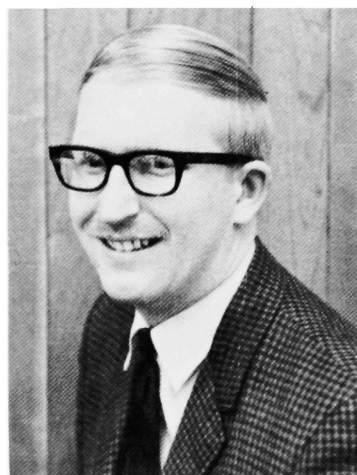
Patterns of Woodcock Activities on Summer Concentration Fields in Maine

During the summer, woodcock concentrate in certain fields at night. To test the hypothesis that these fields are used primarily for feeding, the stomach contents of woodcock collected from four fields will be examined. In addition, the availability of soil invertebrates will be determined on one field. To test the hypothesis that woodcock frequent certain parts of a field more than others, two fields will be searched twice a week and the location of all flushes marked. Statistical comparisons between vegetative characteristics at the flushing sites and randomly chosen points will be made.

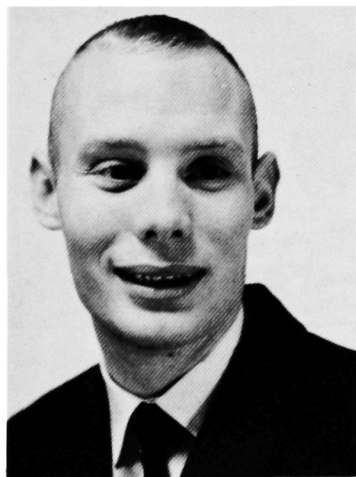
THE GRADUATE PROGRAM OF BRUCE C. McLAUGHLIN (1970)

Engineering Economic Analysis of the Pallet Industry in the State of Maine

Existing pallet manufacturing operations in the state will be surveyed to determine current processing methods, market characteristics and pallet designs in use. The potential market for pallets of various types will be characterized based on existing economic projections for user firms. Optimum material and methods for pallet manufacture in a proposed process design, and for a process integrated with an existing wood using operation will be developed.



BRUCE C. McLAUGHLIN
B.S., Maine, 1966



ROBERT W. MEYER
B.S., Iowa State, 1967

THE GRADUATE PROGRAM OF ROBERT W. MEYER (1969)

— No Title —

The purpose of this study is to characterize several types of Maine sportsmen (resident and non-resident hunters and fishermen) by their socio-economic attributes. Some of these socio-economic characteristics will then be used to predict the trend of future hunting and fishing in Maine.



ANTHONY M. RINALDI
B.S., N. Y. State College of
Forestry, 1967

THE GRADUATE PROGRAM OF ANTHONY M. RINALDI (1969)

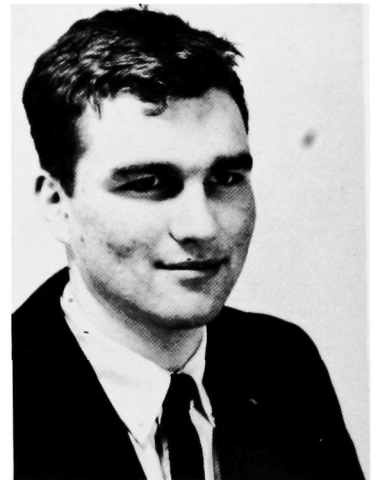
Production of Deer Forage Following Clear-Cutting On the Penobscot Experimental Forest

This study measured plant regeneration by quantity and species on clear-cut forest land treated in various ways. Tree and shrub species received major attention, but cover composition of herbaceous plants was also determined. An analysis of variance will be run on the results to examine differences between treatments.

THE GRADUATE PROGRAM OF WILLIAM R. SAYWARD (1969)

Direct Seeding of Red-Pine Subsequent to Herbicidal Treatment Of the Vegetation of a Pine-Barren in Maine

Observations on previous direct seeding experiments on the pine-barrens in Township 30 M.D., Washington County, indicated that drought resulting from severe competition of vegetation was the major cause of seedling mortality on the unprepared sites, while on the mechanically prepared sites the major portion of the losses were due to rapid desiccation of the soil surface during the growing season and frost heaving during the dormant season. This experiment was initiated in the summer of 1967 in cooperation with St. Regis Paper Co. and the Maine Agriculture Experiment Station to study the possibility of reforesting the pine-barrens by direct seeding red pine subsequent to deadening the existing vegetation cover with selected herbicides. Seven herbicides were used, five foliar herbicides were applied at three rates ($\frac{1}{2}$ suggested rate, suggested rate and twice suggested rate) in a water solution of 40 gallons per acre, two root herbicides were applied at suggested rate in dry form. Three of the herbicides, (2,4-D, 2,4,5-T and a 50/50 mixture of 2,4-D and 2,4,5-T) were applied at three times during the summer, (mid July, August and September). The remaining two foliar herbicides, (Tordon 101 and Bandvel-d) and the two root herbicides (Tordon pellets and Bandvel-d granules) were applied in August only. Each treatment strip (40x5 ft.) received one herbicidal application and four sowing treatments. The strip was quartered into 10x5 ft. subplots. Each subplot received 10 seed spots each of which were sown with 10 red pine seed in either in the fall of 1967 or the following spring by one of two methods of sowing (surface sowing or drilling). The survival through the first year will be evaluated for each treatment.



WILLIAM R. SAYWARD
B.S., Maine, 1967



RICHARD SHUMWAY
B.S., Maine, 1960

THE GRADUATE PROGRAM OF RICHARD SHUMWAY (1969)

An Evaluation of the Mechanical Properties of Plantation Grown Red Pine Wood, and their Interrelationship with Certain Physical Properties

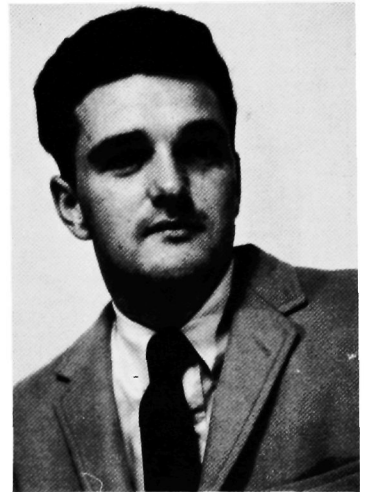
Certain characteristics of wood may be classified as quality characteristics, especially as they apply to specific end uses. In adapting a particular species to a particular use it is necessary to know the quality characteristics of that species and the variation in quality that may be expected. Variation within a single tree may be as great, or even greater than the average variation from tree to tree.

The object of this project is to determine what effect position in the tree has upon mechanical properties of wood obtained from a 50 year old Red Pine plantation. The mechanical properties will be correlated with wood specific gravity, fibril angle, rate of growth and latewood per-cent.

THE GRADUATE PROGRAM OF JOHN J. VOGLER (1970)

Factors Affecting the Summer Flight Behavior of Deer on Isle Au Haut, Maine

The flight responses of deer in regard to human behavior will be studied with emphasis on the effects of sex audage of the deer, weather conditions, and cover type.



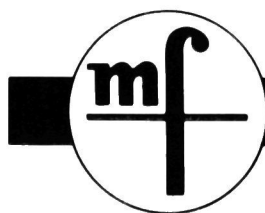
JOHN J. VOGLER
B.S., University of Georgia,
1967

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SENIORS



SENIOR CLASS 1969

by GARY BOYLE

Four years ago we arrived at this institution of higher learning to be prepared as professionals in our chosen career—forestry. In the beginning we were the largest class to enter the School of Forestry.

As freshmen we struggled through zoology, chemistry, botany, algebra, engineering drawing, and English composition. As foresters we donned our hard hats, plaid jackets, and insulated underwear to spend an afternoon in the University Forest learning the a,b,c's of using the instruments of our profession: chain tape, silva compass, "D" tapes, calipers, altimeters, etc. With this training, many of us became experts at the "eyeballing" technique. Those who could not withstand the vigorous exercise looked for a drier and warmer field.

As sophomores we again were faced with courses such as economics, surveying, physics, geology, and public speaking. As foresters we learned that every tree has fifty plus common names but only one Latin name—if you could say it. Entomology proved to be very rewarding. We were in great physical shape after exploring the countryside for creatures having a segmented body, jointed legs, and a body wall. Then, there were the mensuration labs with "Wally," in which we perfected the best snow-ball fortress on four wheels, and could really "rock" through town.

Returning as juniors we found that nearly fifty per-cent of our class had sought other horizons. This is the year that we decided upon our area of specialization in Forestry or Wildlife, thus becoming divided as a group, but knit in spirit. Our courses covered a variety of phases. We got cross-eyed looking at aerial photos, woke-

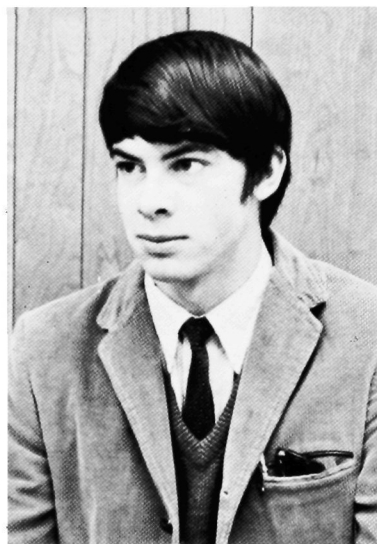
up at the cry of "back-fire", got "soiled" in a pit, "cored" the daylight out of Block H-10 and others, got the dope on how to fell trees, and really began to wonder about those four hour "Ichs" and "Ornys". During the year the construction of the new Forest Resources Building got under way in the pasture across the street from Deering Hall. June came all too fast, for awaiting us was either a week's trip north, a week's trip south, or an early arrival at good old Camp R. I. Ashman for a week's worth of water, wind and mist nets. All of this was followed by the eight week seige.

We returned as seniors to a new building all our own, a few new instructors, and our own secretaries. As we found upon our return, the Forestry Wives Club had really scored as many of our cohorts had mated. For the rest of us, however, Mr. Hale offered a new course entitled "Balcony Ocular Observation and Estimation". Would you believe eyeballing was the accepted procedure? The first semester was a little uphill, but now most of us are on a coast, and with a few more "handouts", we should make it. So with the past behind us, and the remaining Den breaks and last calls ahead, we Foresters and Wildlifers are looking to the future. Job interviews are now an important part of the schedule. Those not seeking jobs are heading for graduate school, or for Uncle Sam's School of Fine Arts.

What we have attained in these four years is immeasurable by anyone's standards and what we may achieve is thus unlimited. As men of the Forest's Resources though, we will share the greatest single trait of our profession; that being our fellowship. Four years ago, we couldn't tell the forest from the trees. The trees have been removed, the forest lies before us.



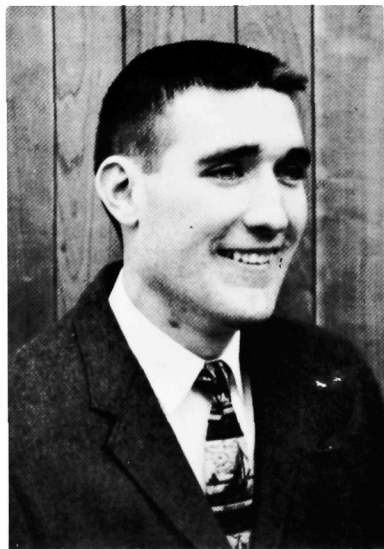
THOMAS S. ALT
 Littleton, N. H.
 Major: Forest Management
 Activities: Xi Sigma Pi
 (Have another kid club)



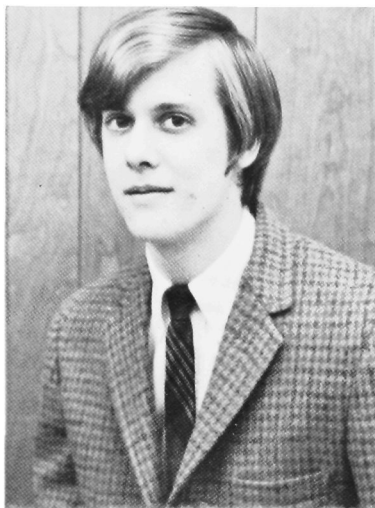
ALAN PHILIP ARBO
 Midland Park, N. J.
 Major: Wildlife Management
 (colorful book bag club)



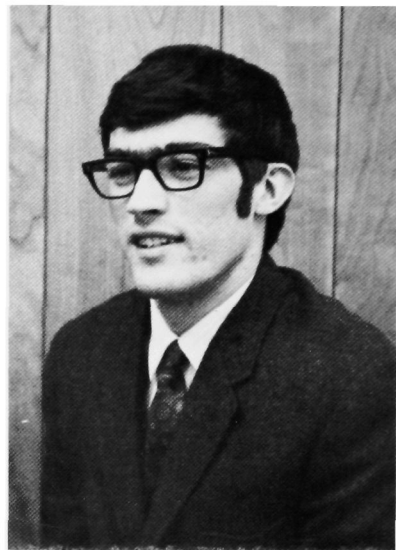
GARY ARTHUR BOYLE
 Augusta, Maine
 Major: Forest Management
 Activities: Forestry Club,
 Woodsman's Team 1966,
 Dormitory Activities Board,
 Central Dormitory Activities
 Board
 (Blue-geese clutch burning society)



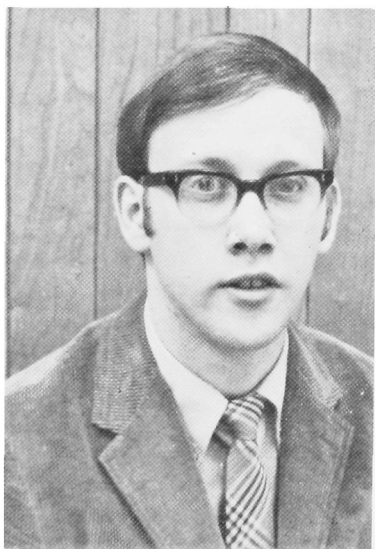
PETER DEARBORN BREWITT
 Exeter, N. H.
 U.S. Naval Academy
 Major: Forest Management
 Activities: Forestry Club,
 Woodsman's Team, Maine
 Forester, Society for the
 Protection of New Hamp-
 shire's Forests, New
 England Forestry
 Foundation
 (Contented editor club)



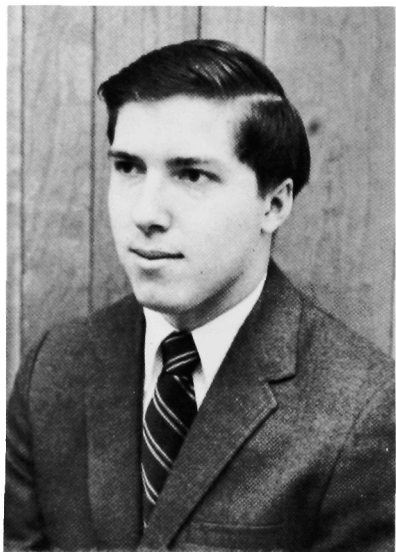
DAVID ALLEN BROOKS
Ogunquit, Maine
Major: Forest Utilization
Activities: Forestry Club
(I like saw-mill-sam club)



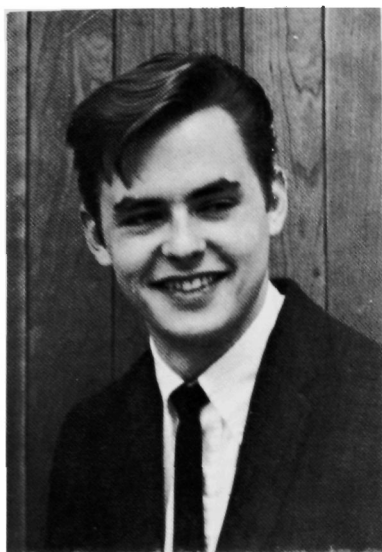
DAVID EDSON BUKER
Minot, Maine
Major: Forest Utilization
Activities: Intramural
Football, Softball, Basket-
ball, Volleyball, Dormitory
Activities Board
(I adore smiley society)



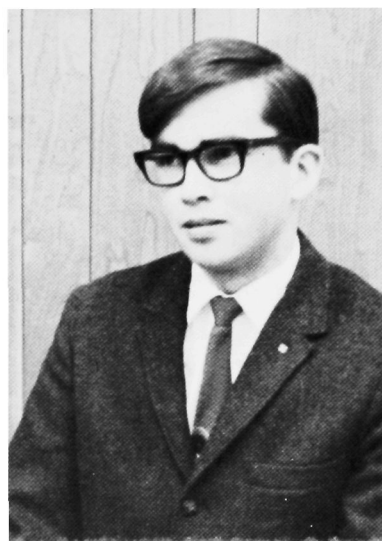
BRUCE EDWARD BURNELL
Standish, Maine
Major: Forest Management
(Burnie-the-Worm Society)



JOHN O. CARPENTER
Bingham, Maine
Major: Forest Management
Activities: Forestry Club
(Walk like a duck club)



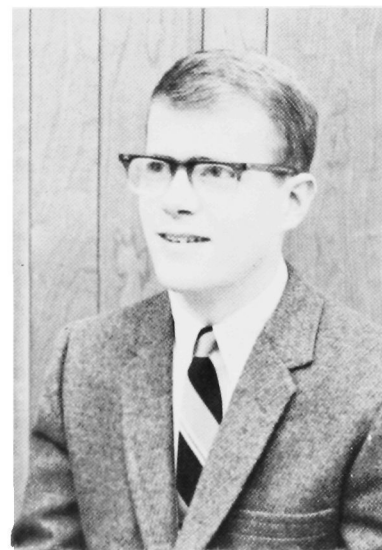
JOHN A. CEBELIUS
West Hartford, Conn.
Major: General Forestry
Activities: Sophomore Owls 1965
(Come back to school club)



GLENDON ROY CLIFFORD
Old Town, Maine
Major: Forest Management
(Darkest tan club)



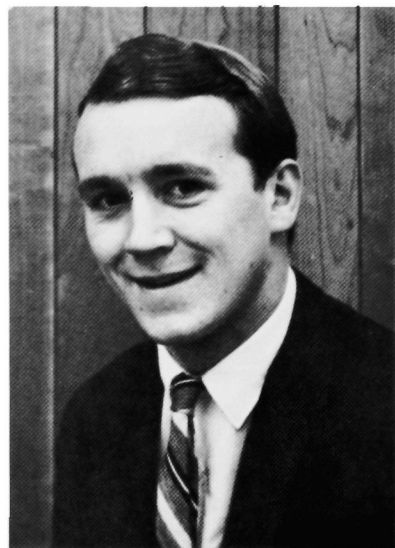
BRUCE GORDON CLUFF
Springfield, Vermont
Major: Forest Management
Activities: Sigma Chi, Varsity
Football 1960-1961, Intramural
Bowling
(Grand Lake Stream club)



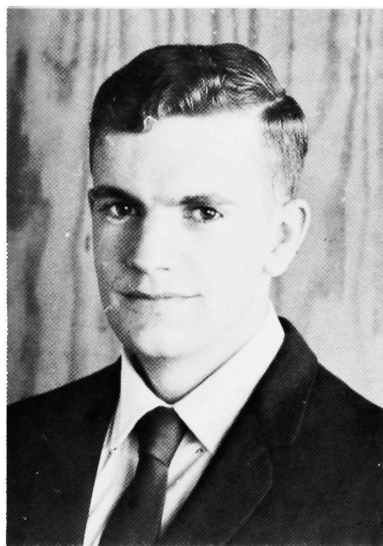
LOREN WHITING COLE
Dalton, Mass.
Major: Forest Management
Activities: Woodsmen's Team,
Alpha Zeta, Xi Sigma Pi,
Forestry Club
(Bachelor grievance society)



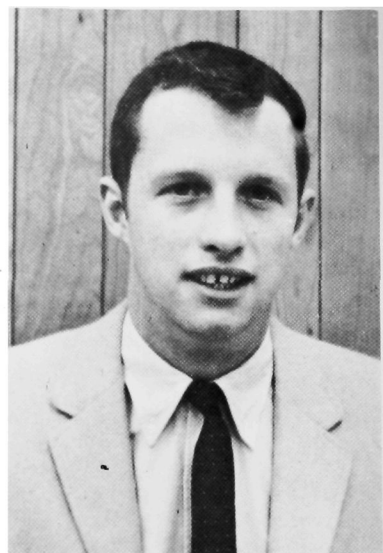
JAMES FRANCIS CONNORS
Bangor, Maine
Major: Forest Management
Activities: Forestry Club:
President, Vice-President, Secretary,
Maine Forester, Society of American
Foresters
(Dr. Griffin zone-tax member)



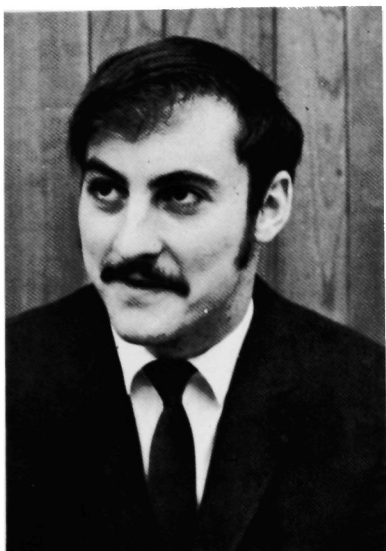
CLEVELAND J. COWLES
Glenshaw, Penn.
Major: Wildlife Science
Activities: Wildlife Society,
Alpha Zeta, Phi Kappa Phi,
Forestry Club,
Head Counselor, National
Wildlife Society
(Intelligence Associated)



ALLEN ROBERT CROOKER, JR.
Mechanic Falls, Maine
Major: Wildlife Management
Activities: Wildlife Society,
Forestry Club, Xi Sigma Phi
(Stan Grover Club)



BRIAN RALPH CURRIER
Calais, Maine
Major: Timber Management
Activities: Intramural Basket-
ball, Softball, Forestry Club
(Georgia Pacific Advertising
Incorporated)



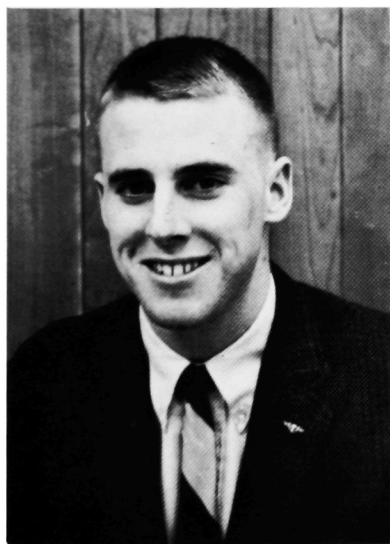
PHILIP STEPHEN CYR
St. David, Maine
Major: Wildlife Management
Activities: Woodsman's Team,
Wildlife Society, National Wildlife
Society, National Rifle Association
(Frenchman's Honorary Society)

RONALD JAY DICKSON
Zanesville, Ohio
Ohio University
Major: Wildlife Management
Activities: Forestry Club,
Wildlife Society, Alpha Zeta,
Xi Sigma Pi
(Short-squat-squad)

PICTURE

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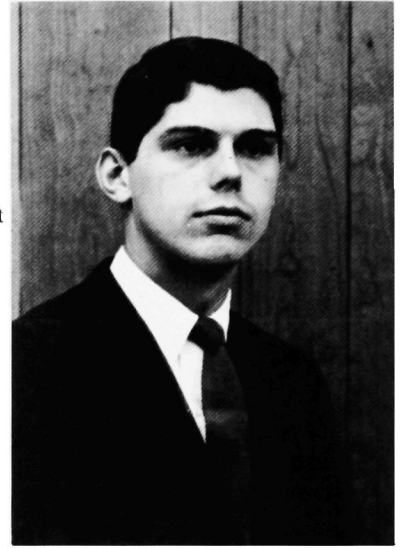
ROBERT H. DOBSON
Scotch Plains, New Jersey
Major: Forest Management
Activities: Twentieth Maine
Military Honor Society, ROTC,
Society of American Foresters
(Swim-like-a-fish club)

LARRY L. EMERY
St. Albans, Maine
Major: Wood Technology
Activities: Forestry Club,
UM-Vets, Forest Products
Research Society
(Debate Anything Club)

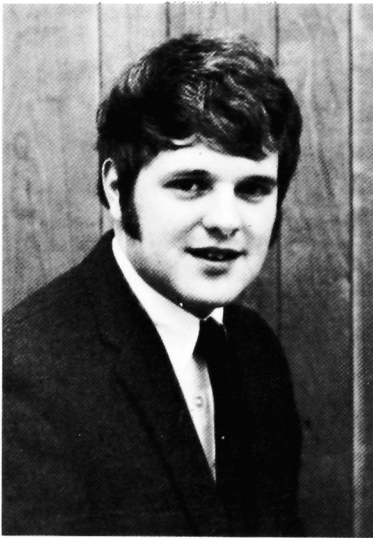




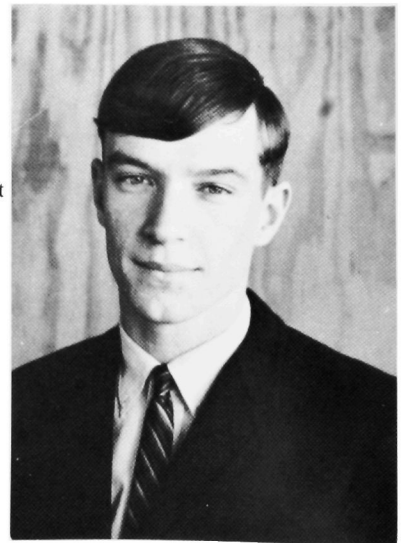
JONATHAN CHANDLER FORD
E. Eddington, Maine
Major: Forestry Management
Activities: Forestry Club,
Society of American Foresters
(Andy Kellie Cruise Club)



STANLEY C. GROVER
Brunswick, Maine
Major: Wildlife Management
Activities: Woodsmen's
Team, Varsity and
Freshman Football
(Giant's Anonymous)



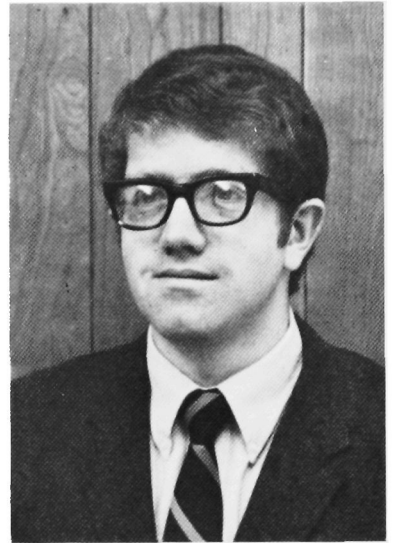
BRUCE GURALL
Manchester, N. H.
Major: Wood Technology
Activities: Xi Sigma Pi,
Phi Eta Kappa, Distribution
Specialist—Pat's Tap Room,
Forest Products Research
Society
(Serve-a-beer club)



LYNN ALLEN HERMAN
Newark, Delaware
Major: Wildlife Management
Activities: Wildlife Society
(Kick an animal club)



FREDRICK CARROLL HERRICK
 Harmony, Maine
 Maine Maritime Academy
 Major: Forest Utilization
 Activities: Sigma Chi
 (Bill Sayward Fan Club)



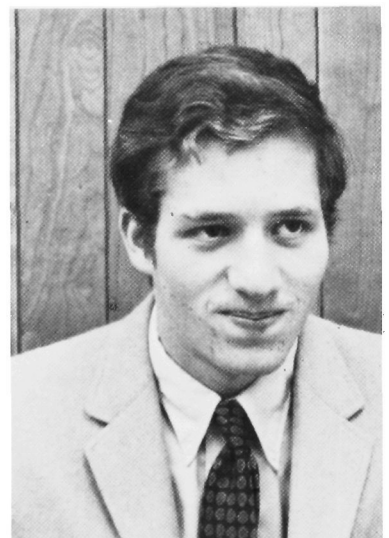
RICHARD ALLAN HOLMES
 South Berwick, Maine
 Major: Forest Management
 Activities: Xi Sigma Pi,
 Maine Forester
 (Corvair Crash Club)

PICTURE

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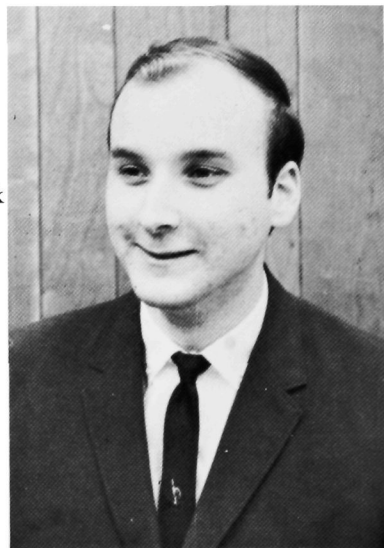
ALAN EDWARD HUTCHINSON
 Rumford, Rhode Island
 Major: Wildlife Management
 Activities: Delta Tau Delta,
 Interclass Council, Wildlife
 Society, Intramural Sports,
 National Wildlife Society
 (Cool-hand-luke club)



JAMES LEWIS JONES
 Somerville, New Jersey
 Major: Forest Management
 (Yell at smiley club)



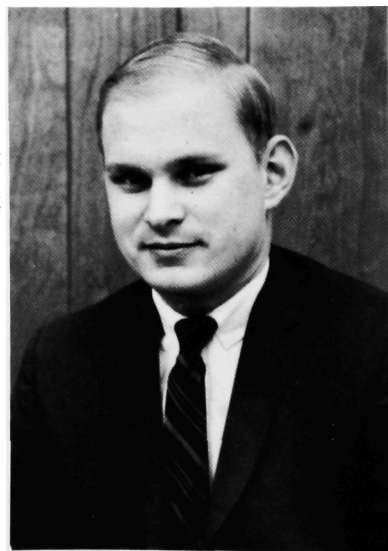
ROBERT JOHN JORDAN
Lynnfield, Mass.
University of Bridgeport
Major: Forest Management
Activities: Varsity Wrestling
1967-68, Forestry Club, Dorm
Activities Board, Maine
Outing Club, Woodsman's
Team
(White-shirt club)



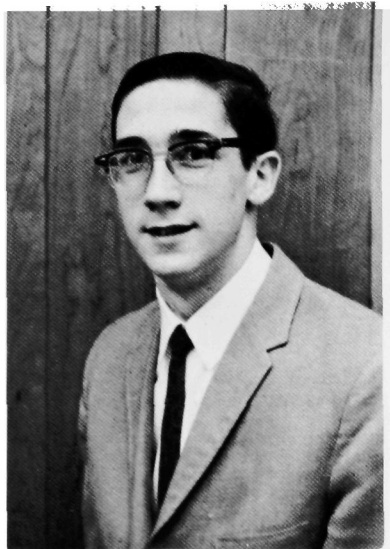
PARKE L. KANOP JR.
Elmira Heights, New York
Major: Forest Utilization
Activities: Forestry Club,
Maine Forester, Pershing
Rifles, R.O.T.C., Society
of American Foresters
(Get a secretary club)



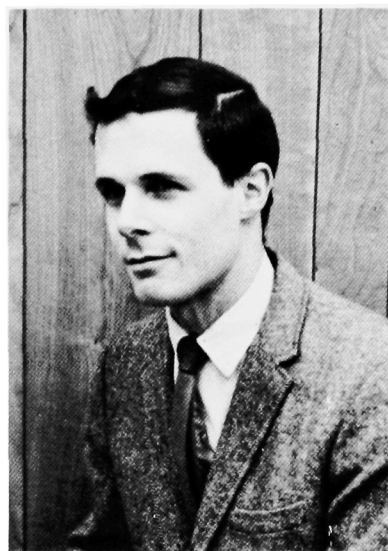
ANDREW CHARLES KELLIE
Waterbury, Conn.
Major: Forest Science
Activities: Forestry Club,
Maine Forester, Ham Radio
Club, Wildlife Society,
Xi Sigma Pi, Society of
American Foresters, Society of
Photogrammetry, Maine
Forester
(Professionals Incorporated)



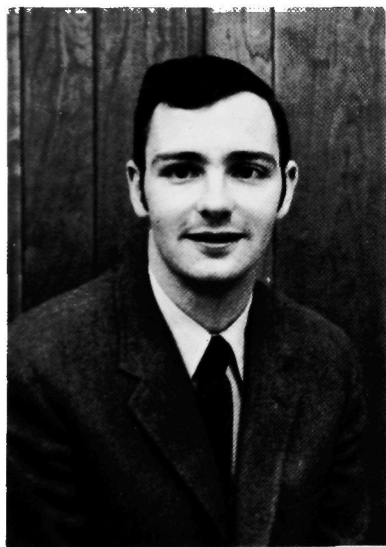
JAMES MICHAEL MCGRATH
Waldoboro, Maine
Major: Forest Management
Activities: Forestry Club,
Sigma Nu
(Take a shot club)



RAYMOND R. MCORMOND
Deal, New Jersey
Union Jr. College
Major: Wood Technology
Activities: Forestry Club,
Xi Sigma Pi, Forest Products
Research Society
(Sift a needle club)



JOHN MILTON MELANDER
Eastchester, New York
North Dakota School of Forestry
Major: Forest Utilization
Activities: Society of American
Foresters, Northeastern
Loggers Association
(Old Veteran club)



CHARLES FRANKLIN MORRILL
Wellesley, Mass.
Major: Wildlife Science
Activities: Varsity Ski Team
1966-68
(Dark glasses club)

BARRY FRANCIS MOWER
Greene, Maine
Major: Wildlife Science
Activities: Wildlife Society,
Xi Sigma Pi, American
Fisheries Society
(No-such club)

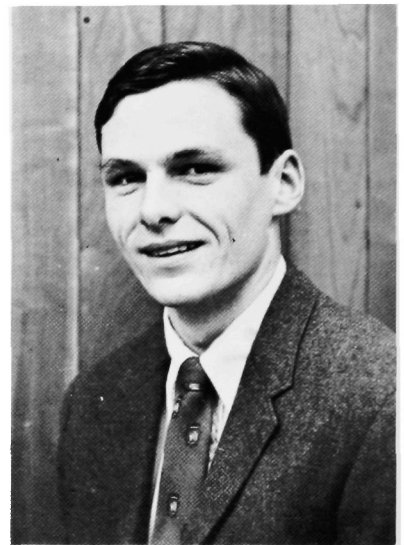
PICTURE

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RICHARD BREWSTER NICHOLS
West Point, Maine
Major: Forest Management
Activities: Sigma Nu,
Pershing Rifles, R.O.T.C.
(Guzzle gut club)



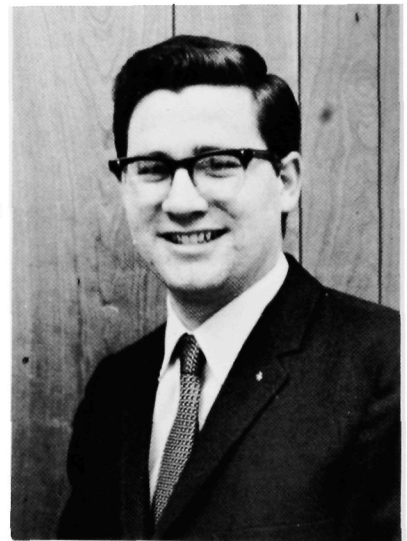
LAWRENCE EMERY PHILBRICK
Fairfield, Maine
Major: Forest Management
Activities: Alpha Gamma Rho,
Forestry Club, Intramural
Bowling, Basketball, Softball
(Summer Nurses Forum)

PICTURE

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AVAILABLE

TROY PETER RAMAGE
Beemerville, New Jersey
Major: Wildlife Management
Activities: Sigma Nu, S.D.S.,
National Wildlife Society,
New Jersey Trappers
Association
(Burn down a house club)



JOHN LEWIS RICHARDSON
Portland, Maine
Lehigh University
Major: Forest Management
Activities: Sigma Nu,
Sports Car Club
(Chest Builders Co.)



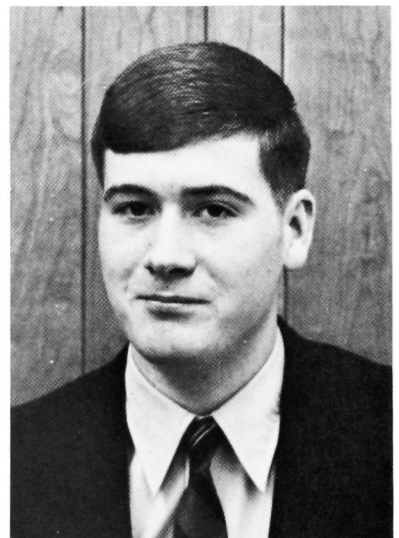
DENNIS MICHAEL RILEY
Orono, Maine
Michigan State University
Major: Forest Management
Activities: Xi Sigma Pi
(Bubba-Smith club)



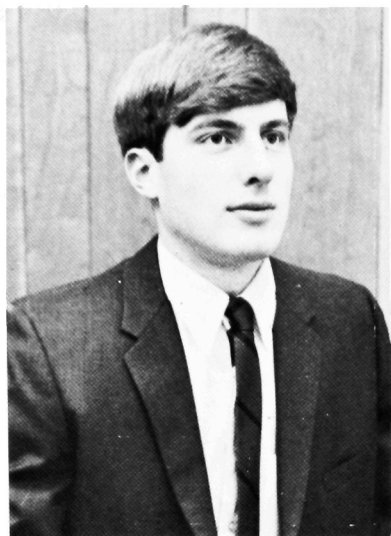
JOATHAN STEWART ROCKETT
Charlottesville, Virginia
Major: Forest Management
Activities: Gymnastics
Club, R.O.T.C.
(Southern Foresters Club)



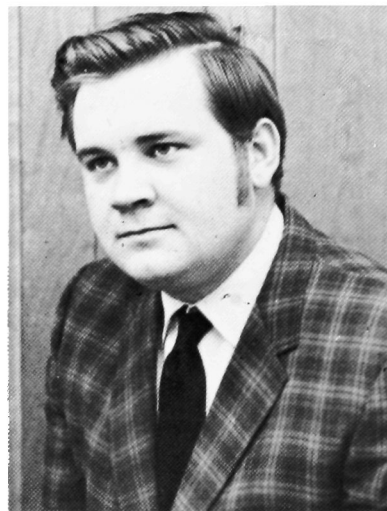
KARL GORDON ROSELL
Saco, Maine
Major: Forest Management
Activities: Forestry Club,
Karate Club
(Red-Headed Rovers)



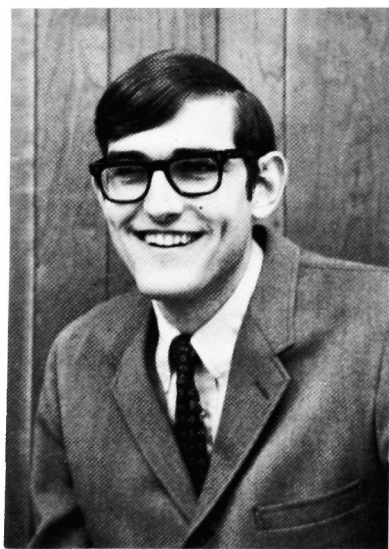
CARL HENRY SANBORN
Bangor, Maine
Major: Forest Utilization
Activities: Freshman-
Varsity Rifle Team,
Pershing Rifles, R.O.T.C.,
"M" Club
(Professional Army club)



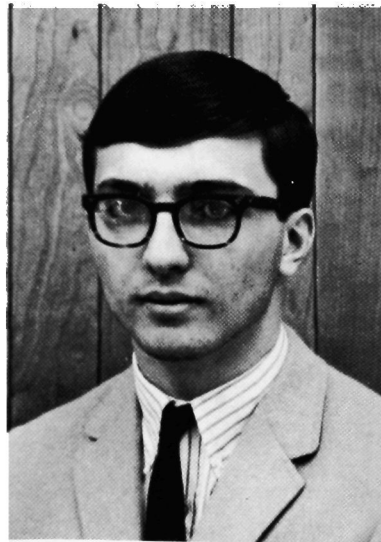
TIMOTHY ROBERT SAWYER
Waterford, Maine
Major: Forest Management
Activities: Dormitory Resident
and Head Counselor 1965-69
Winter Carnival Committee
1966-67, Forestry Club,
Xi Sigma Pi, R.O.T.C.
(Drive through the woods club)



WILLIAM SCHAPER
Midland Park, N. J.
Major: Wildlife Management
Activities: National Wildlife
Society, National Wildlife
Federation
(Drive-a-bus club)



EDWARD J. SCHMID
Tenafly, N. J.
Major: Wood Technology
Activities: Phi Mu Delta,
Track
(Fix-a-ski club)



BRIAN G. SCHWANDA
Staffordville, Conn.
Major: Forest Management
Activities: Xi Sigma Pi,
Twentieth Maine
(Wear no clothes club)

PICTURE

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WILLIAM W. SHELDON
Greenfield, Maine
University of Missouri
Major: Wildlife Management
Activities: Maine Trappers
Association
(Trap-a beaver club)

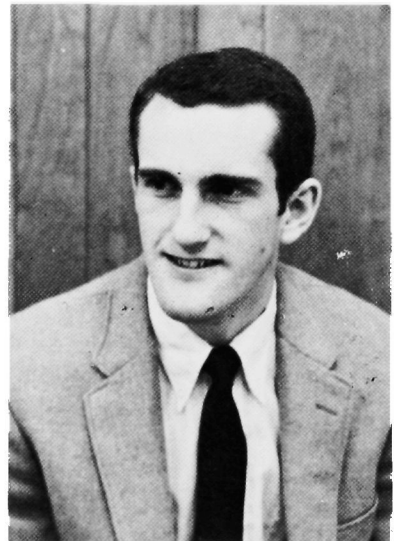
CHARLES WILLARD SMART
Lincolntonville, Maine
Major: Wildlife Science
Activities: Xi Sigma Pi, Alpha
Zeta, Phi Kappa Phi, Alpha
Phi Omega, Varsity Rifle
Team, Dorm Activities Board,
Forestry Club, National
Wildlife Society
(State-a-fact club)



MICHAEL R. SMITH
Kennebunkport, Maine
Major: Wildlife Management
Activities: National Wildlife
Society
(Dr. Schemnitz club)

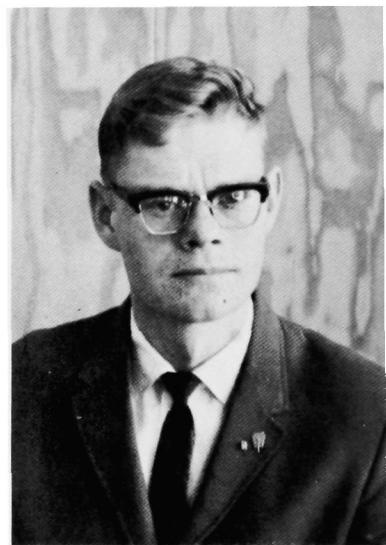


FRANK MARSTON STEWART
Quincy, Mass.
Ottawa University
Major: Forest Management
Activities: Alpha Gamma Rho,
Varsity Soccer 1966 68, Varsity
Track 1966, Forestry Club,
Maine Forester, Appalachian
Mt. Club, Intramural Bowling,
Softball, Volleyball, National
Parks Association, American
Forestry Association, National
Recreation and Parks Association,
American Park and Recreation
Society, National Rifle
Association, U.S. Naval
Reserve
(Ugly chin club)





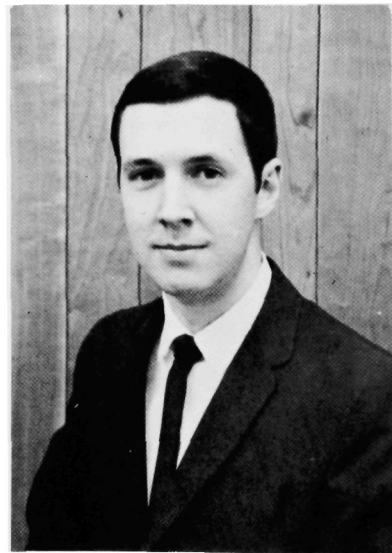
LAURIE HENDERSON SUDA
North Kingston, R. I.
Major: Wildlife Management
Activities: National Wildlife
Society, American Society of
Mammalogists, American
Ornithologists Union, Wildlife
Management Institute
(Dissect a Fischer club)



WILLIAM CHARLES SYLVESTER
Auburn, Maine
Major: Forest Utilization
Activities: Forestry Club,
Xi Sigma Pi
(Drive Anything Incorporated)



DAVID H. TETREAU
York Beach, Maine
Major: Forest Management
Activities: Sigma Alpha
Epsilon, Intramural Bowling,
Softball, Basketball, Football,
Volleyball, Football—
Cheerleader 1968
(Wine-o club)



WILLIAM D. WOOD
Gorham, Maine
Major: Pulp and Paper
Activities: Forestry Club,
Maine Forester, Resident
Counselor, Class of 69
Council Member
(Take a picture club)

CLASS OF 1969

Senior

Thomas S. Alt
Alan Philip Arbo
Gary Arthur Boyle
Peter Dearborn Brewitt
David Allen Brooks
David Edson Buker
Bruce Edward Burnell
John O. Carpenter
John A. Cebelius
Glendon Roy Clifford
Bruce Gordon Cluff
Loren Whiting Cole
James Francis Connors
Cleveland J. Cowles
Alan R. Crooker, Jr.
Brian Ralph Currier
Philip Stephen Cyr
Ronald Jay Dickson
Robert H. Dobson
Larry L. Emery
Jonathan Chandler Ford
Stanley C. Grover
Bruce Gurall
Lynn Allen Herman
Frederick Carroll Herrick
Richard Allen Holmes
Allan Edward Hutchinson
James Lewis Jones
Parke L. Kanop, Jr.
Andrew Charles Kellie
James Michael McGrath
Raymond R. McOrmond
Milton John Melander
Charles Franklin Morrill
Barry Francis Mower
Richard Brewster Nichols
Lawrence Emery Philbrick
Troy Peter Ramage
John Lewis Richardson

Major

Forest Management
Wildlife Management
Forest Management
Forest Management
Forest Utilization
Forest Utilization
Forest Management
Forest Management
Forest Management
General Forestry
Forest Management
Forest Management
Forest Management
Forest Management
Wildlife Science
Wildlife Management
Forest Management
Wildlife Management
Wildlife Management
Forest Management
Wood Technology
Forest Management
Wildlife Management
Wood Technology
Wildlife Management
Forest Utilization
Forest Management
Wildlife Management
Forest Management
Forest Utilization
Forest Science
Forest Management
Wood Technology
Forest Utilization
Wildlife Science
Wildlife Science
Forest Management
Forest Management
Wildlife Management
Forest Management

Dennis Michael Riley
Jonathan Stewart Rockett
Karl Gordon Rosell
Carl Henry Sanborn
Timothy Robert Sawyer
William Schaper
Edward J. Schmid
Brian G. Schwanda
William W. Sheldon
Charles Willard Smart
Michael R. Smith
Frank Marston Stewart
Laurie Henderson Stewart
William Charles Sylvester
David H. Tetreau
William D. Wood

Seniors not participating:

Charles F. Valentine
Richard J. York
Robert G. Shafto

Forest Management
Forest Management
Forest Management
Forest Utilization
Forest Management
Wildlife Management
Wood Technology
Forest Management
Wildlife Management
Wildlife Science
Wildlife Management
Forest Management
Wildlife Management
Forest Utilization
Forest Management
Pulp and Paper