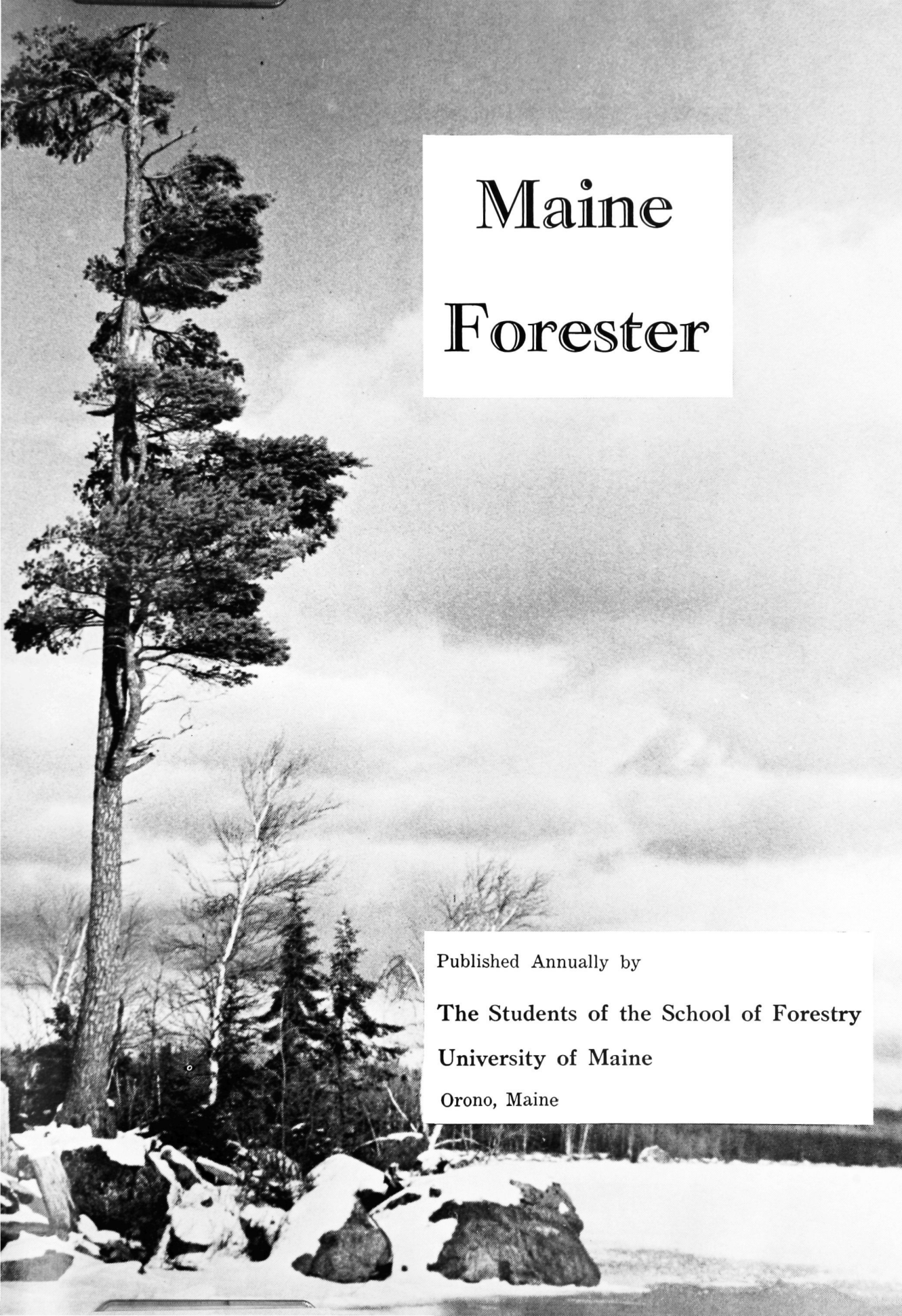
Maine Forester

THE RIVER DRIVERS

1961



Maine Forester

Published Annually by

The Students of the School of Forestry

University of Maine

Orono, Maine

OUR THANKS

The School, its students and faculty, wish to express our thanks to the following industries and land owners whose generous contributions have made the 1961 *Maine Forester* possible.

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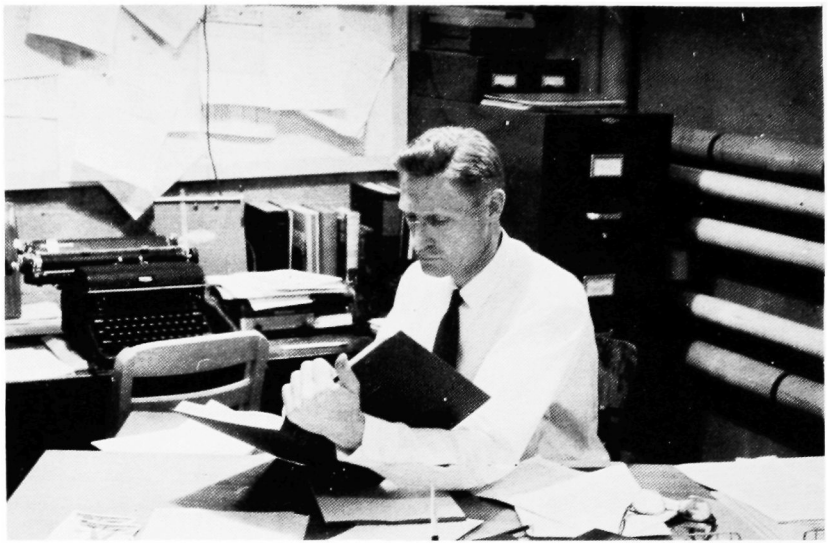
The paper used in this yearbook is the generous contribution of the S. D. Warren Company of Westbrook Maine.

Pictures given by the Great Northern Paper Company, the Maine Publicity Department, and students added much to this year's book.

DEDICATION



The Maine Foresters are proud this year to dedicate their yearbook to Associate Professor of Wildlife Management, Horace F. Quick. A list of Professor Quick's activities while at the University of Maine and in the past, reads like an adventure saga. Dr. Quick has been a government hunter for the U. S. Fish and Wildlife Service in Colorado, an army instructor of ski and mountain troops, a rider for the Gunnison Cattle Association in Colorado, a researcher in the Northwest Territories of Canada, a researcher for the U. S. Fish and Wildlife Service in the control of range rodents and livestock preditors, and has just recently returned from Africa where he conducted a population analysis of elephants in the national parks of Uganda.

DR. HORACE F. QUICK

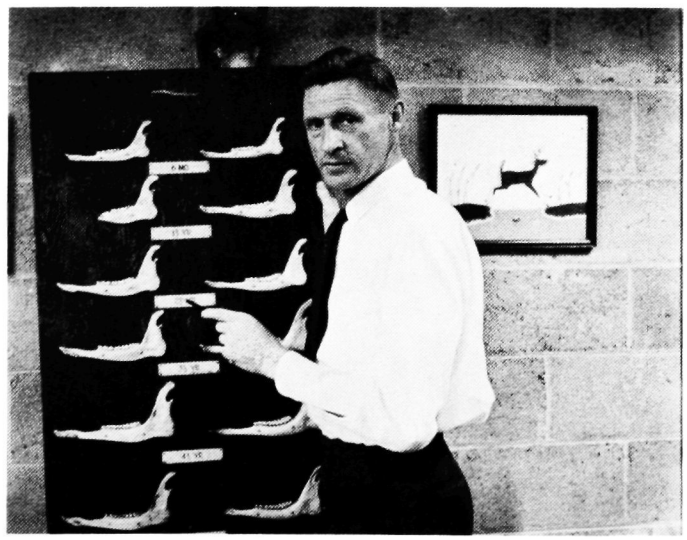
Dr. Quick received his B. S. in Forestry from Penn State in 1937 and did postgraduate work in zoology at Syracuse University. He received his Master of Forestry degree from the University of Michigan in 1940 and Ph. D. in Wildlife Management from the University of Michigan in 1955. Before coming to the University of Maine as an Assistant Professor of Wildlife Management in 1950, Professor Quick taught at Colorado A. and M. as an Assistant Professor of Forestry.

Professor Quick will long be remembered by Maine Foresters for his love of nature and his ready wit. The excellent wildlife movies he has taken in the U. S. and abroad have provided interesting and informative entertainment at many Forestry Club meetings and Wildlife Management classes.

Dr. Quick is married and has a young son. His wife is a well-known big game hunter and outdoorswoman in her own right. Their son is a budding naturalist and accompanied his parents on their recent safari in Africa where he collected and mounted many specimens on his own.

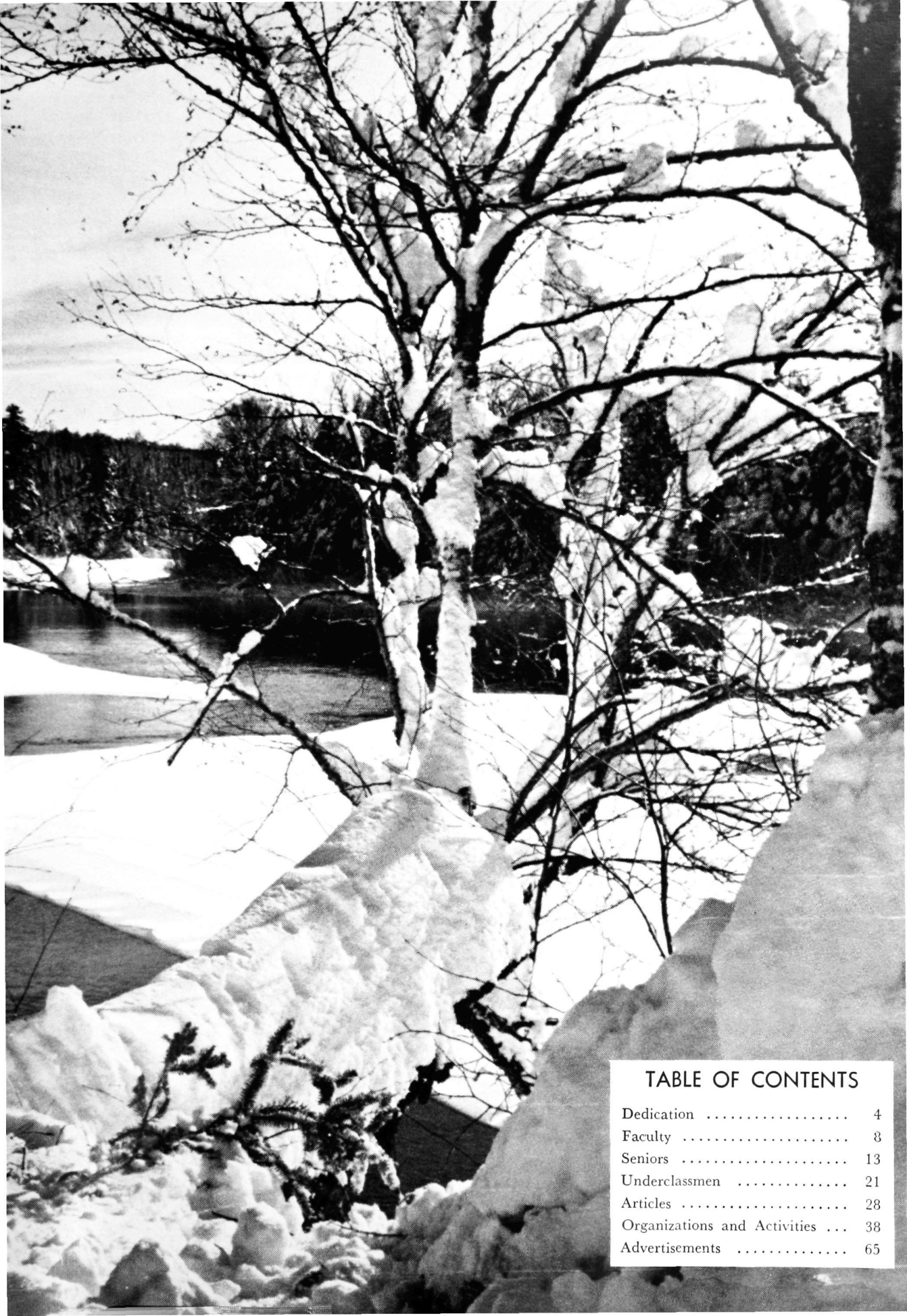
Dr. Quick has done much research work during his career. Much of his work has been for the U. S. Fish and Wildlife Service and the Maine Department of Inland Fisheries and Game. He is the author of many publications on various wildlife management problems.

Dr. Quick has always been a fine example to all the students in the School of Forestry by his dedication to his work and his love and respect for nature. Congratulations and the best of luck in the future, Professor Quick.



SCHOOL of FORESTRY

UNIVERSITY OF MAINE



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The School of Forestry 1960-1961

By A. D. NUTTING, *Director*

The school year of 1960-61 has been a busy one. In addition to regular programs, revising curriculum, a new forestry building and a new summer camp site have been given much time and consideration.

The staff is proud of the record made by the class of 1961. Nearly half of the members have achieved high academic standing. Two members of this year's group have had one semester of all A's. More men were eligible for Xi Sigma Pi by normal chapter point standards than could be included in 25 per cent of the class. The staff expects much from these men as they take their places in the forestry profession.

Associate Professor Horace Quick returned in September after a year's leave of absence studying the effect of elephant damage on mahogany timber production. This gave him an opportunity to study elephant populations in support of his other research on population dynamics.

Professor Harold Young has received his promotion from Associate to full Professor.

Two additional members were added to the staff in July, 1960, Chester Banasiak as Assistant Professor in Wildlife and Assistant Professor Samuel Brock in Forest Economics who are devoting full time to research. Professor Banasiak is a well known research worker on deer management and is continuing the program that he has been conducting for several years as a research biologist with the Maine Department of Inland Fisheries and Game. Professor Brock is in charge of a study on the use of Maine lumber and has been assisted by Richard Hale, Maine '47. This study was made possible by a grant from the Small Business Administration. Teaching forest economics will be part of Professor Brock's program in the future.

Professor Baker is continuing his work on wood density and Professor Beyer on the New England White Pine Site Study. Professor Plummer is working out plans for the establishment of a tree seed orchard on the Weed property in Veazie. Professor Griffin, in cooperation with the Northeastern Forest Experiment Station of the U. S. F. S., is undertaking a study on balsam fir thickets. Management research on Indian Township is under the direction of Professor Randall.

Professor Coulter and Professor Mendall are carrying on wildlife management studies through the Cooperative Wildlife Research Unit with the assistance of four graduate students.

We have been fortunate to have the experience of Professor Ashman as acting Extension Forester while Extension Forester Lewis Bissell has been doing graduate work at Oregon State.

The gift of a new summer camp site by the St. Croix Paper Company on Long Lake near Princeton has added new opportunities to the summer camp program. This site provides a point of land with a hardwood ridge surrounded by water on three sides and offers opportunities for water safety and water recreation programs. The development of the site depends on money being made available to construct new facilities. Access road construction is underway. The site, with proper facilities added, will provide opportunities for many uses in addition to summer camp. It is well located for short course instruction, vocational and youth training.

A new forestry building that will cost $980,000 has been requested by the University from the Legislature. Laboratories and offices are badly needed by the School in order to meet present standards for forestry and wildlife training. Our staff is now housed in three different buildings. The proposed building provides space for housing U. S. Forest Service and Inland Fisheries and Game Research workers as well as the University staff. Success depends on state finances and strong backing from alumni and forest industries.

For the past two years, the Forest Education Committee of the Society of American Foresters has been studying forestry training and at the same time the School staff has been reviewing Maine's program. The staff has submitted curriculum proposal changes to the Board of Trustees through Dean Libby of the College of Agriculture. The program provides for

a basic core of subjects with sequences in forest land management, forest sciences, utilization or wood business, and wildlife management. All forestry sequences and the land management sequence in wildlife are geared to meet the Society of American Foresters' membership requirements. Major reasons for the proposals are to provide students with an opportunity to select courses in their chosen field of forestry and to have more chance for electives. The teaching load, if anything, will be lessened. Staff advising time, necessary with students, will be greatly increased. Some of the major course changes are Policy and Economics which will be divided into two courses. Forest Management will become Timber Management and separated from Valuation. Elements of forestry (Fy 1, 2) will become Introduction to Forestry with a three hour field laboratory devoted largely to measurements in the first semester. It is hoped that part or all of the proposed program can be started in the fall of 1961.

Recreation on private forest land is the subject of Bruce Stewart's thesis for his master's degree. This indicates the School's interest in the multiple use of Maine forest land. Temple Bowen, another graduate student, is studying the growth of red spruce after selective cutting. It is hoped that the results of his study will provide improved indicators for timber marking rules in red spruce stands. It is anticipated that their combined research will stimulate other studies in the same areas.

The School was very pleased to receive from the James W. Sewall Company, of Old Town, Maine, the permanent loan of a Kelsh Plotter which will greatly benefit laboratory work in Photogrammetry.

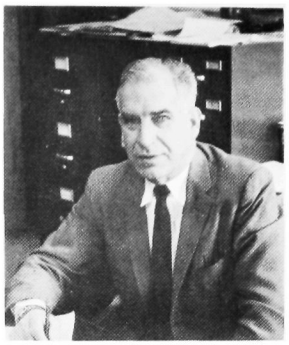
Dean George Garrett of Yale visited the School in the spring of 1960. He provided the University with many helpful suggestions for the improvement of its training program and facilities.

Students and faculty were encouraged by the visit of Dr. Bruce Zobel, Forest Geneticist of North Carolina State University, provided through the Society of American Forester's Visiting Scientist Program. He emphasized the opportunities and needs in both basic and applied research.

Last year in the Maine Forester I wrote about the challenges and opportunities in forestry and the need for better trained foresters, more timber growing, and research. Our School program this year indicates that we are making every effort to help students prepare to meet the needs and opportunities of their profession.

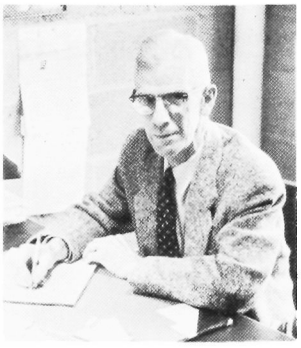
"SNAFU"

FACULTY



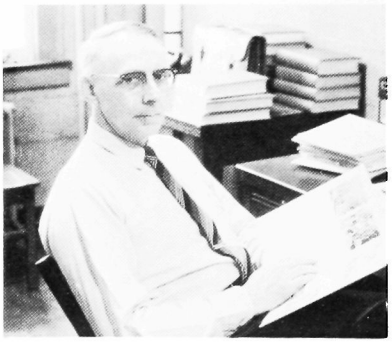
Albert D. Nutting

Director, School of Forestry



Professor Gregory Baker

Wood Technology

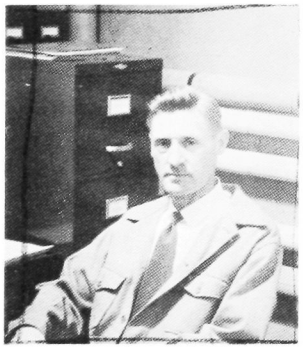


Associate Professor
Frank K. Beyer

Forest Products

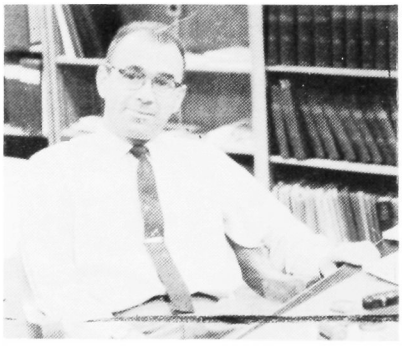
Associate Professor
Arthur G. Randall

Forest Management



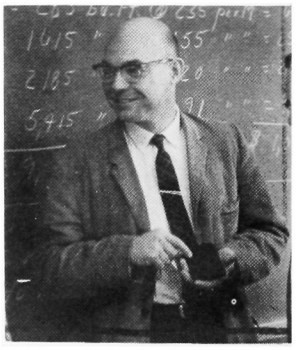
Associate Professor
Horace F. Quick

Game Management



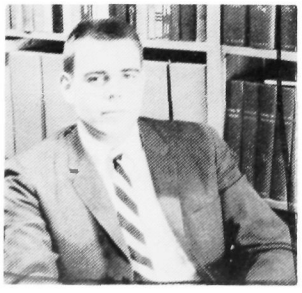
Associate Professor
Harold E. Young

Forest Mensuration



Associate Professor
Ralph H. Griffin

Silviculture



Samuel Brock

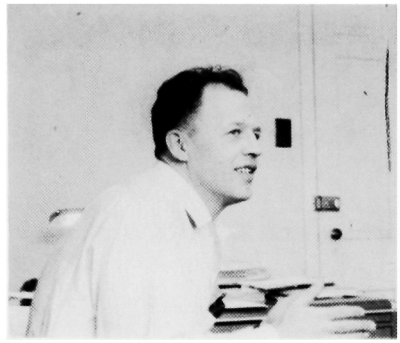
Forest Economist

Associate Professor
Henry A. Plummer

Harvesting

FACULTY

Professor
Howard L. Mendall
Leader

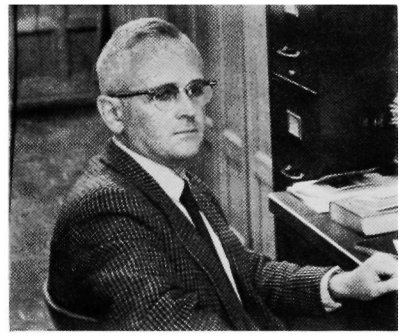


Chester Banaziak
Staff

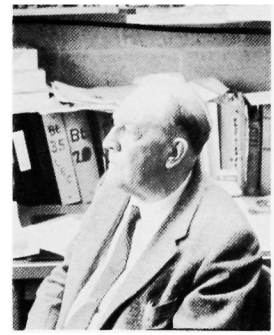
Associate Professor
Malcolm W. Coulter
Assistant Leader

WILDLIFE RESEARCH UNIT

Professor
Richard J. Campana
Forest Pathology



Associate Professor
Charles D. Richards
Taxonomy



Professor Fay Hyland
Dendrology

Professor Roland A. Structemeyer
Forest Soils

Professor
George R. Cooper
Plant Physiology

Assistant Professor
John B. Diamond
Forest Entomology

OTHERS

Miss Joyce Gifford
Office Staff

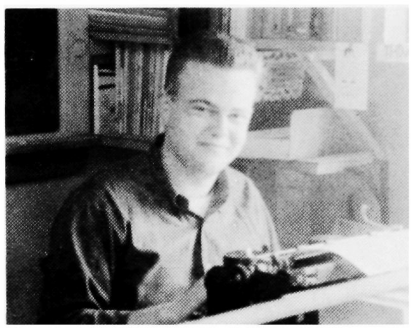
Mr. Roger F. Taylor
Superintendent
University Forest

Mrs. Harold E. Young
Office Staff

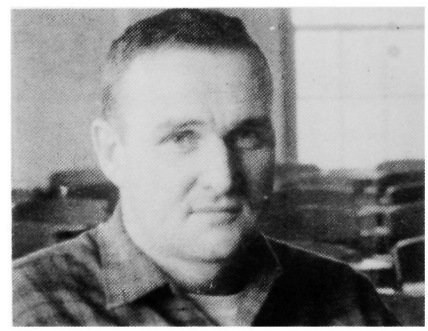
GRADUATE STUDENTS

A. Temple Bowen, Jr.
Framingham, Mass.
Forest Management
B.S., U. of Maine, 1958
Thesis:
Red Spruce Study

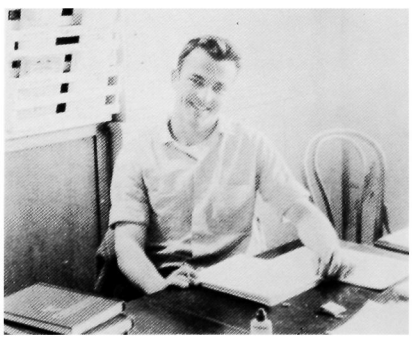
Daniel James Coutu
Parkersburg, W. Va.
Wildlife Management
B.S.F., West Virginia Univ., 1959
Thesis:
Study of Beaver Reproductive Rate



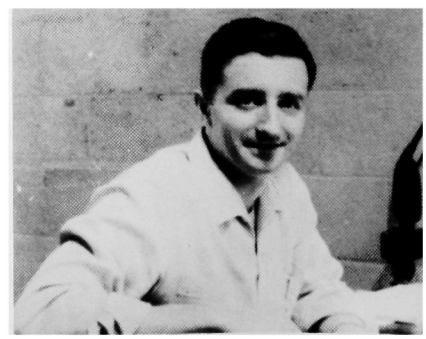
Richard Mayor Gibbs
Holyoke, Mass.
Wildlife Management
B.S., U. of Mass., 1959
Thesis:
Common Goldeye Breeding Study



Hugh Haswell
Niagara Falls, New York
Wildlife Management
B.S., U. of New Brunswick, 1952
Thesis:
White-Tailed Deer Population Study



Frederick J. Payne
Bradley, Maine
Wildlife Management
B.S., U. of Maine, 1957
Thesis:
Beaver-Woodcock Relationships



Bruce E. Stewart
Katonah, New York
Forest Recreation
B.S., U. of Maine
Thesis:
Recreational Use of Private Land

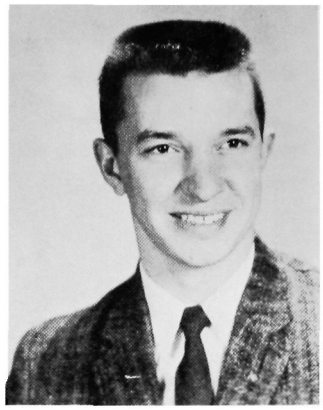
SENIORS

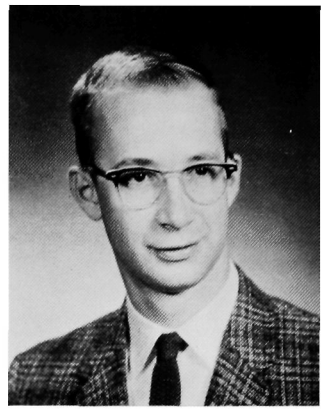
JOHN W. ALMOND

Rochester, N. H.

Forestry

Alpha Gamma Rho
Xi Sigma Pi
Scabbard and Blade
Forestry Club
"M" Club
Varsity Rifle Team
ROTC Rifle Team
Scabard and Blade Drill Team
Distinguished Military Student





DAVID S. BRETON

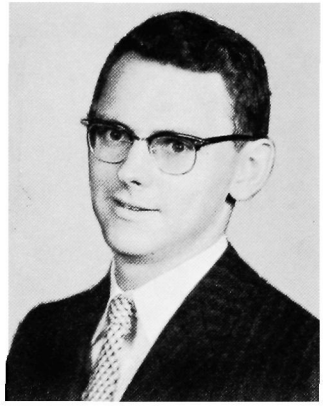
Rumford

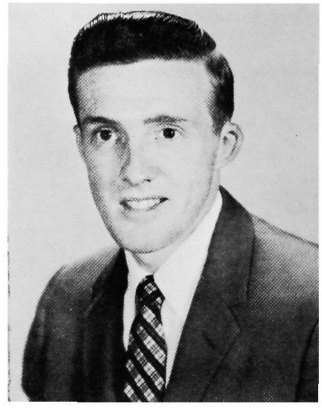
Pulp and Paper
Alpha Tau Omega
Xi Sigma Pi

TERRY W. BROOKS

Orland

Forestry
Sigma Chi
Varsity Track Team





MERTON F. BROWN, JR.

Burlington, Vt.

Forestry

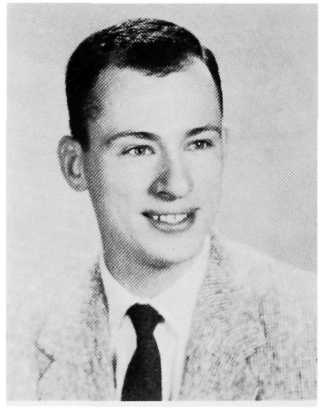
Xi Sigma Pi
Forestry Club
"M" Club
Varsity Rifle Team

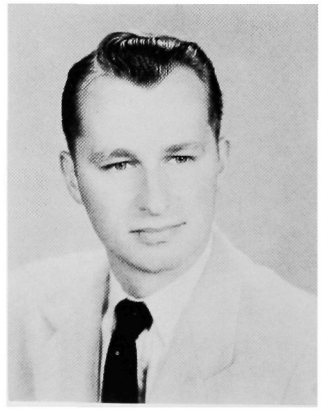
PETER W. CROSS

Bennington, Vt.

Forestry

Alpha Gamma Rho
Alpha Zeta
Forestry Club
Outing Club
Freshman Basketball
Interfraternity Sports





RICHARD J. DAWSON

Malden, Mass.

Forestry

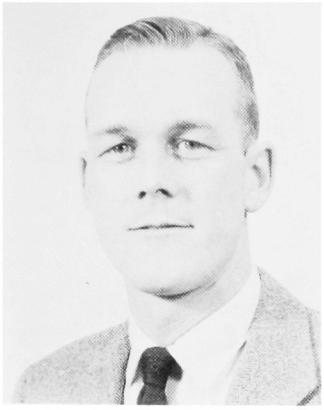
Lambda Chi Alpha
Forestry Club
Hot Shots

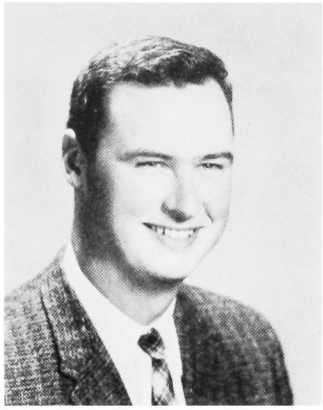
DONALD T. EDWARDS

Gardiner

Forestry

Sigma Chi
Sophomore Owls
Xi Sigma Pi
Forestry Club





ROBERT A. EVERETT

Waldoboro

Forestry

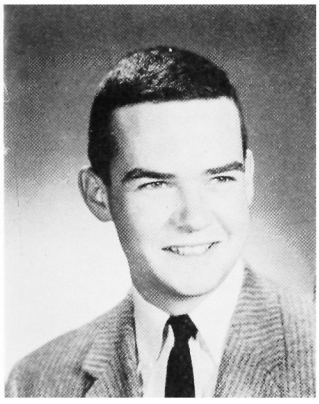
Delta Tau Delta

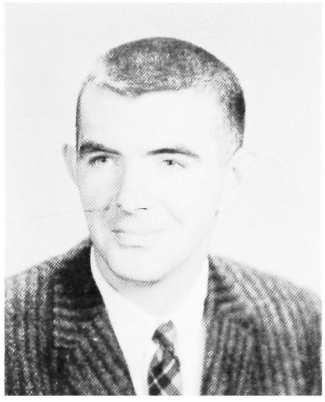
RUSSELL D. FIELDHOUSE

North Haledon, N. J.

Wildlife Management

Alpha Tau Omega
Xi Sigma Pi





PAUL R. FISKE

Waterbury, Vt.

Forestry

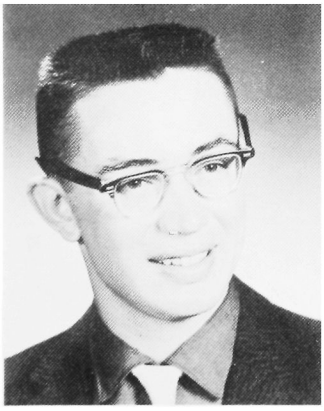
Delta Tau Delta
Forestry Club
Intramural Sports

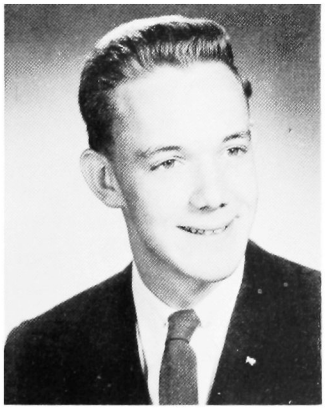
JAMES J. GALABA

Darien, Conn.

Forestry

Forestry Club
Hot Shots
Maine Outing Club
Newman Club





RICHARD D. GOODENOUGH

Belleville, N. J.

Forestry

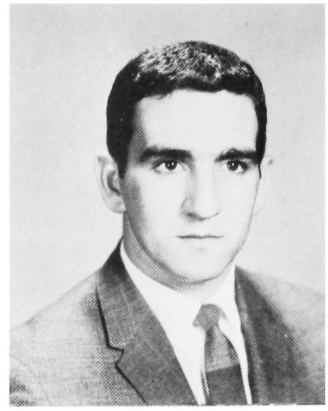
Alpha Gamma Rho
Forestry Club; Sec., Pres.
Hot Shots
Intramural Sports
Maine Christian Association

ROBERT D. GREENLEAF

Otisfield

Forestry

Forestry Club



RICHARD W. GROFF

Westlake, Ohio

Forestry

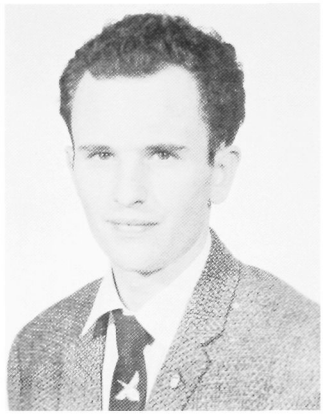
Forestry Club
Maine Forester, Photograp
Editor
Hot Shots
Maine Outing Club

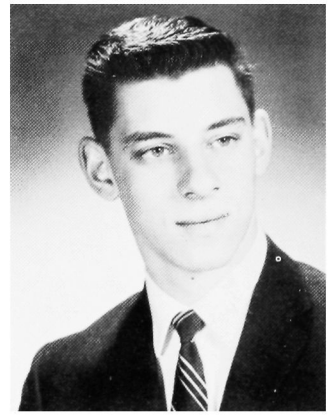
ROY C. HITCHCOCK

Williston Park, N. Y.

Forestry

Forestry Club
Hot Shots





DENNIS P. JETTE

Lebanon, N. H.

Forestry

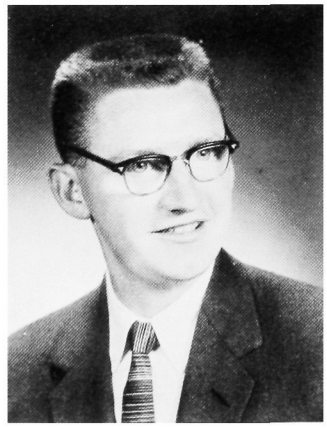
Phi Kappa Sigma
Forestry Club
Newman Club
Freshman Cross Country
Freshman Track Team

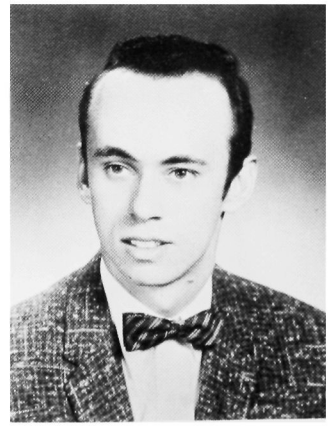
EARL R. JETTE

Lebanon, N. H.

Forestry

Forestry Club
Hots Shots
Woodsmen's Weekend
Maine Forester, Circulation Mgr.
Freshman Track Team
Newman Club





CURTIS A. JOHNSON

Haddon Heights, N. J.

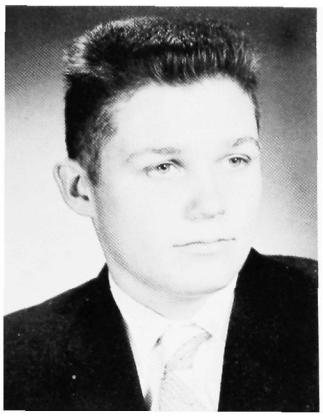
Wildlife Management

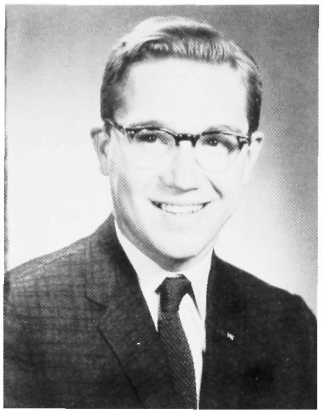
JOSEPH P. LEPKOWSKI

Gardner, Mass.

Forestry

Forestry Club
Biology Club
Intramural Sports
Newman Club





DAVID W. LEWIS

Darien, Conn.

Forestry

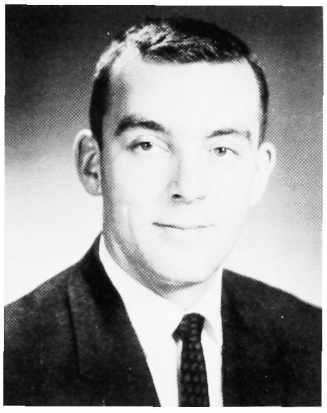
Alpha Gamma Rho
Xi Sigma Pi
Forestry Club
Hot Shots
Maine Forester; Art Editor, Co-editor
Maine Masque Theater
Biology Club
Maine Christian Association
Varsity Rifle Team
Interfraternity Sports

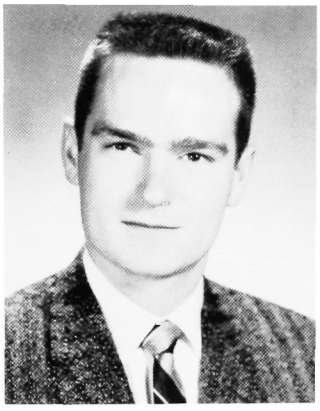
THOMAS C. LINDSEY

Weirs Beach, N. H.

Forestry

Delta Tau Delta
Sophomore Owls
Forestry Club
Maine Day Committee
Freshman Football
Interfraternity Sports





BRUCE H. PLATT

Saugus, Mass.

Forestry

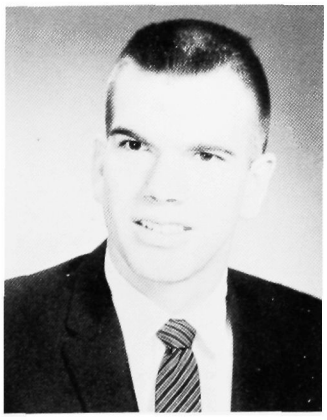
Alpha Gammo Rho
Xi Sigma Pi
Forestry Club
Maine Forester; Advertising Mgr., Co-editor
Distiguished Military Student
Interfraternity Sports

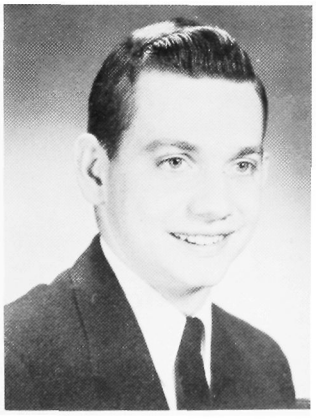
FRED M. ROONEY

Cleveland, Ohio

Forestry

Alpha Gamma Rho
Forestry Club
Intramural Sports



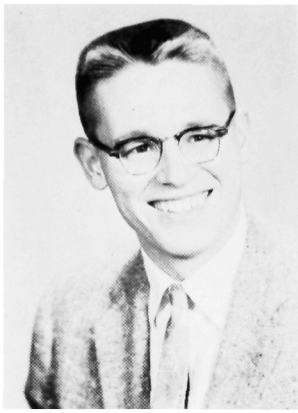


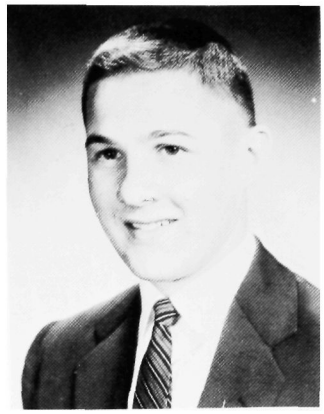
RAY B. SEGRIST

Lewisburg, Pa.

Pulp and Paper
Theta Chi
Xi Sigma Pi, Sec.-Treas.
Phi Kappa Phi
Interfraternity Sports

Gordon H. Small
Randolph, Vt.
Forestry





Joseph E. Solari
Fryeburg
Forestry
Hot Shots, Foreman

NOT PICTURED

William M. Alden
Needham, Mass.
Forestry

Rudolph J. Baliko
R. D. Pittstown, N. J.
Forestry
Forestry Club
Newman Club

Peter G. Belluschi
Boston, Mass.
Forestry
Sigma Nu

Albert J. Bernard
Skowhegan
Forestry
Forestry Club
Maine Outing Club

Wayne A. Bonney
Westbrook
Wildlife Management
Beta Theta Pi

HORACE S. BROWN, JR.
Glover, Vt.
Forestry

BRYAN C. BUCHANAN
Old Town
Forestry
Forestry Club
Freshman Football

JOHN D. CARR
Belfast
Forestry

JOHN H. CLAUSSEN
Closter, N. J.
Wildlife Management

PAUL M. COOK
Waterville
Forestry

PAUL D. DALY
Fayson Lake, N. J.
Wildlife Management
Sigma Alpha Epsilon

JON R. HITCHEN
Cape Rosier
Forestry
Alpha Gamma Rho
Xi Sigma Pi
Forestry Club
Hot Shots

RICHARD A. KENNEDY
North Canton, Conn.
Forestry
Xi Sigma Pi
Forestry Club
Hot Shots
Maine Outing Club

JOSEPH A. LINSCOTT
Farmington
Forestry
Xi Sigma Pi

MERTON E. LOMBARD
Caribou
Forestry
Alpha Gamma Rho

DONALD E. MACLAUCHLAN
Machias
Forestry
Phi Gamma Delta

ROLLAND F. PERRY
Lincoln
Forestry
Forestry Club
Maine Outing Club
Intramural Sports

HUGH O. PLUMMER
Westbrook
Pulp and Paper
Beta Theta Pi

LAWRENCE O. SAFFORD
Waterville
Forestry
Xi Sigma, Pi, Forester
Phi Kappa Phi
Forestry Club
"M" Club
Varsity Track Team

DAVID W. TABER
Palermo
Forestry
Alpha Gamma Rho
Xi Sigma Pi
Forestry Club, Sec.
Intramural Sports