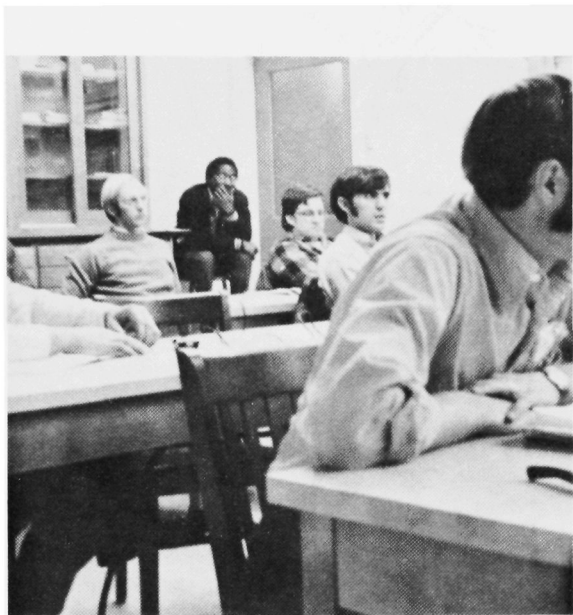


SENIORS

# SENIOR CLASS

by

DAVID SCHAIBLE



September 1967 was for most of us, the beginning of our college careers. The Forestry Department at this time was located in Deering Hall and the Forestry Building still on blueprints.

First weekend on campus, about 50 energetic freshman foresters and faculty loaded on buses and destined for Baxter State Park. With a chilling rain we trekked up the slopes of Mt. Katahdin arriving at cloud covered Baxter Peak about noon. Though weary and chilled, this was probably our first sense of accomplishment as a class. The going had been rough but we made it.

In our first few weeks of classes, we soon discovered forestry was a lot more than Professor Beyer's Fy 1 class. Chemistry with Dr. Martin, GE with CZ and Zo 3 in Coburn Hall stymied many an enthusiastic hard-hat-toting freshman. Our first college finals—and the last for some. With depleted numbers we faced spring semester. With June in sight, everyone was looking forward to that summer forestry job.

Fall 1968 found the Forestry Department in its new home. There were new faces too, both students and faculty. We were pleased with our new facilities, though occasionally we dodged a leaky pipe. In class we puzzled together at the value of Fy 4 and couldn't understand what physics had to do with forestry or wildlife. By our Junior year, things began to look different as we delved into forestry and wildlife courses. However, if rainy

Wednesday Silvics labs didn't get you, then the Bt 153 Forester Grade Reduction Factor did.

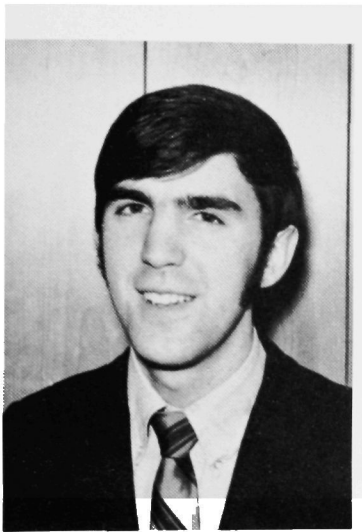
The moratorium in the spring of 1970 brought on student-faculty confrontation. The Forestry Department session with Dean Poulton saw discussions run hot and a few blood pressures and emotions run high. With June only weeks away, several of the Junior class zeroed in on the summer camp issue. If nothing was resolved, at least there had been some understanding between students and faculty.

With June came the Utilization and Silviculture trips. In addition, the Wildlifers did a first in taking a trip of their own, exploring various wildlife management and research centers. After a week on the road we all retreated to "home" in Princeton. Here we recaptured the days of Fy 1 and progressed on into advanced bog wading, fly swatting, eyeballing, and volleyballing. We also explored the mysteries of trees blocking roads, screen doors which won't open, and the economics of the puppy market. After six weeks, we were ready to leave, and we weren't being facetious.

The fall of 1970 revealed the highly contagious Senior-slump in epidemic proportions. However, we rallied for good times in Fy 149, Humorous Comments and Anecdotes in Timber Management. In the reading room, Seniors gather to talk about old times as well as the future. June is just around the corner.

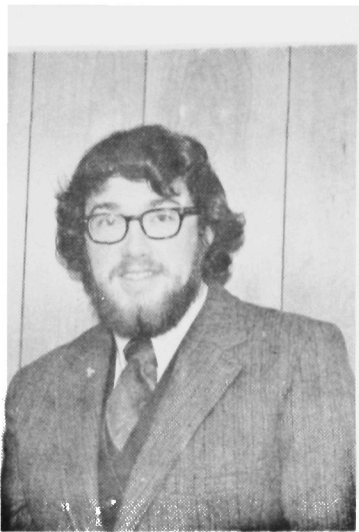
As we look back, there have been considerable changes at Maine and elsewhere. We have new facilities, new professors, and new techniques. We also have new interests in our education, our environment, and our responsibility to mankind concerning our natural resources. Equipped with an education we seek to help solve the world's problems. The job situation is bleak, however. The armed services are in the future for some while others hope to go into governmental agencies, private industry, or perhaps teaching.

Though graduation is an end, in a sense it is only a beginning with the sky the limit. Just as many of us climbed Mt. Katahdin four long years ago, we have all plodded and struggled together to where we are today. In a short time, we shall hopefully reach our goal. From there we can look back along the steep and winding trail of accomplishments and smile. To the underclassmen, we must give encouragement and to our professors, thanks. For our School, we must uphold its reputation and proud traditions.



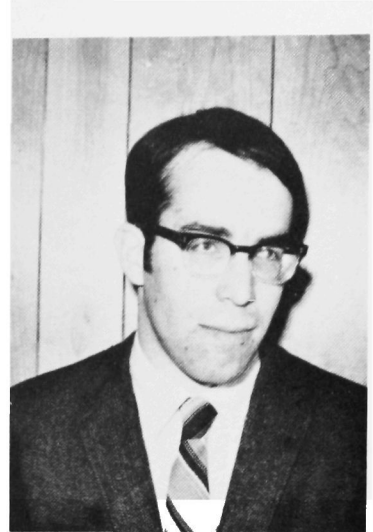
ELWOOD BAHN  
York New Salem, Penn.  
Forest Management

Alpha Gamma Rho  
Freshman and Varsity Track  
U. of M. Fraternity Board  
Alpha Zeta  
Xi Sigma Pi  
Who's Who in American  
Colleges and Universities  
Co-Editor Maine Forester  
Student S.A.F.



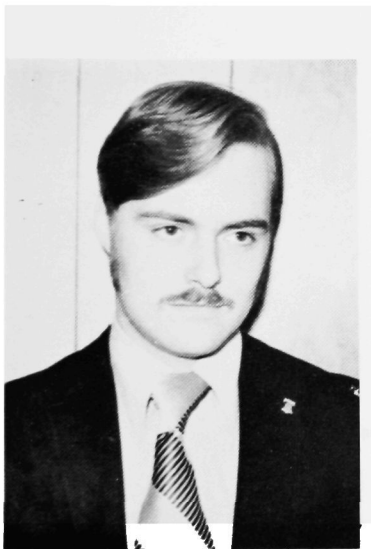
RONALD E. BEARD  
Southwest Harbor, Maine  
Wildlife Management

Student Senate  
Distinguished Lecture Series,  
Chairman  
Aroostook Hall Pres.  
Maine Christian Association  
Board of Trustees  
Maine Campus Staff  
WMEB Staff  
Senior Skulls  
Maine Outing Club  
Central Dorm Act. Bd.—Treas.



JOHN A. BELDING  
Bellerose, New York  
Forest Management

Maine Outing Club—Pres.  
Woodsmen Team  
Soc. of American Foresters



RICHARD W. BENTZ  
Freehold, New Jersey  
General Forestry

Forestry Club  
Dorm Activities Board  
J.F.I. Counselor  
University Forest Work



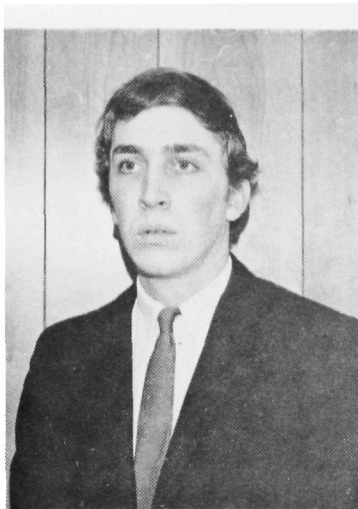
JOHN BULGER  
Bangor, Maine  
Forest Management

Paul Smith's College A.A.S.  
Xi Sigma Pi  
Soc. of American Foresters  
Int. Shade Tree Conference



JOSSY BYAMAH  
Kabira Shema Ankde Mbarara  
W. Prov. Uganda  
Forest Management

Varsity Soccer  
President-International Club



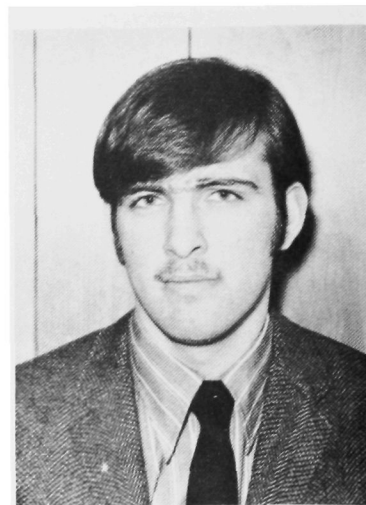
ROBERT CHANDLER  
Marshfield, Mass.  
Forest Utilization

Phi Eta Kappa  
Varsity Basketball



ELBRIDGE CLEAVES  
Danforth, Maine  
Forest Management

Forestry Club  
Ricker College  
Soc. of American Foresters



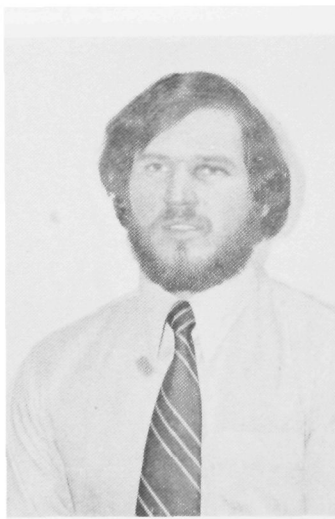
DANIEL J. DALFONSO  
Portland, Maine  
Forest Management

Maine Forestry Club



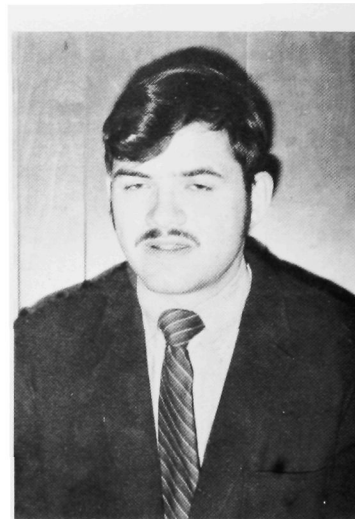
BLOXOM DAUGHERTY III  
Delmar, Delaware  
General Forestry

Alpha Gamma Rho  
Oratorio Society  
Varsity Tennis  
U. S. Naval Reserve  
Alpha Zeta



JAMES DINNAN  
Cheshire, Conn.  
Forest Management

Sigma Alpha Epsilon  
Intramurals



GEORGE D. FOWLER  
Wolcott, New York  
Forest Management

Alpha Gamma Rho  
Freshman and Varsity Track  
Vice President I.M.A.A.  
Alpha Zeta  
Xi Sigma Pi  
Student Member S.A.F.  
J.F.I. Counselor  
Co-Editor Maine Forester





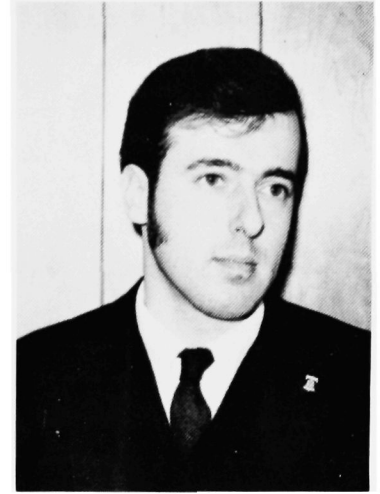
HORACE T. GARDNER  
Old Town, Maine  
Wildlife Management

Wildlife Society  
Student Chap. Wildlife Society  
National Wildlife Federation



DONALD R. GOULET  
Brewer, Maine  
Wildlife Management

Soccer



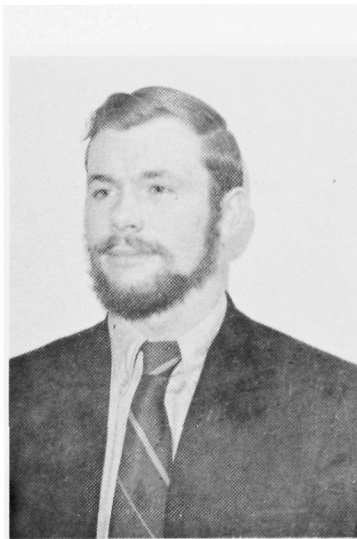
ROGER H. GREENE  
Bangor, Maine  
Forest Management

Student S.A.F.  
American Forestry Association  
Land Surveyor in Training  
A.A.S. Paul Smith's College



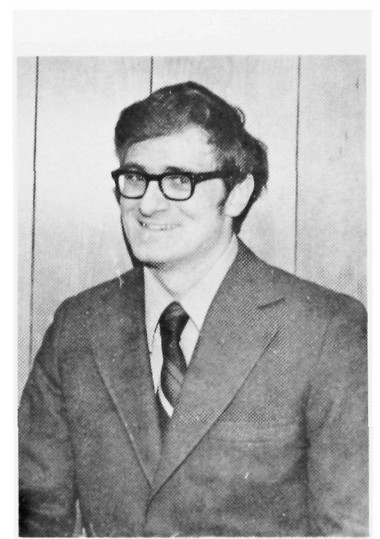
DREW GREINER  
Unionville, Maryland  
Forest Management

ROTC  
20th Maine Honor Society  
Forestry Club



GERRY E. HAWKES  
Woodstock, Vermont  
Forest Utilization

Forestry Club  
Student S.A.F.  
Senior Skulls  
Pulp Cutting  
Maine Outing Club  
Dorm Counselor  
Who's Who in American  
Colleges and Universities

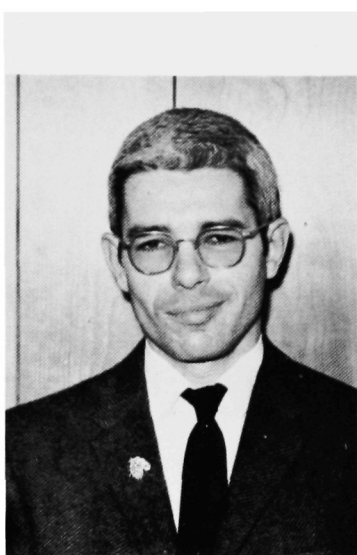


ROBERT T. HAYNES  
Northeast Harbor, Maine  
Forest Management

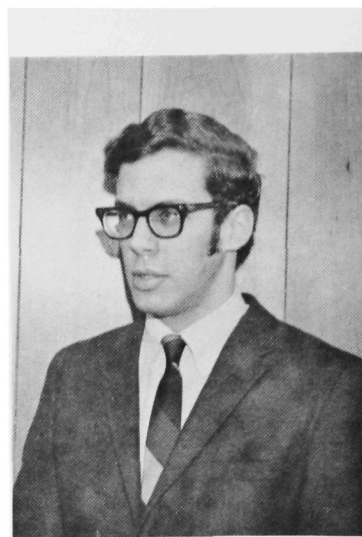
"M" Club



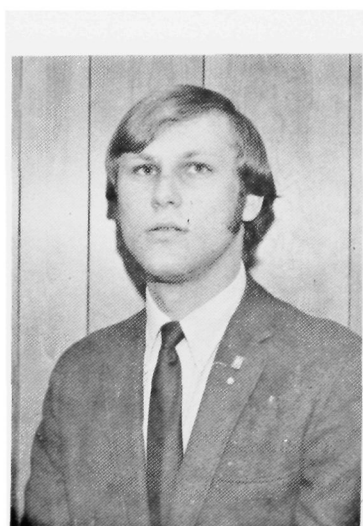
DAVID HOLT  
Topsham, Maine  
Wildlife Management  
Stodder Hall J-Board  
Intramural Volleyball  
Wildlife Society



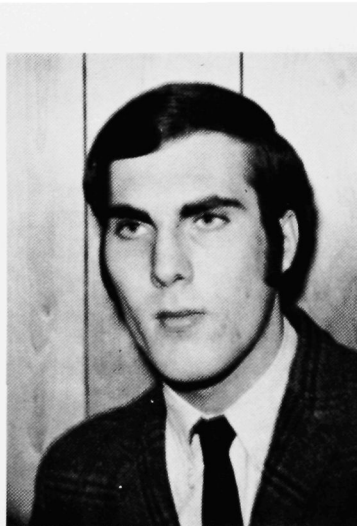
LARRY HOYT  
Bangor, Maine  
Wildlife Management



DONALD D. HUFF  
Buffalo, New York  
Forest Utilization  
Theta Chi—Treasurer



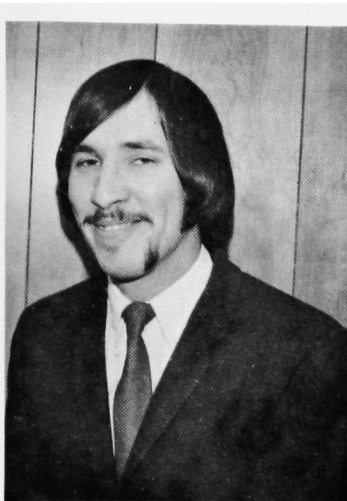
WILLIAM KOCH  
Whippany, New Jersey  
Wildlife Management  
Wildlife Society  
Student Chap. Wildlife Society  
Alpha Zeta  
Sophomore Owls  
Resident Assistant  
Head Resident



LEE LICHTENWALNER  
Macungie, Penn.  
Wildlife Management  
Theta Chi—President  
U. of M. Fraternity Board  
Wildlife Society  
Maine Outing Club  
Inter-Fraternity Sports

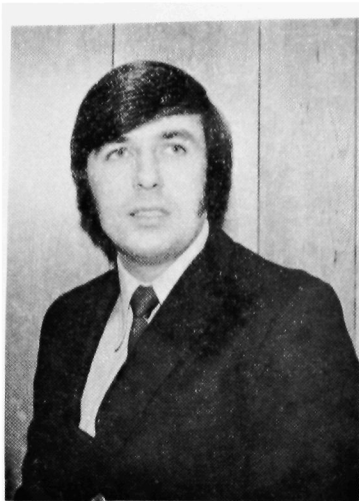


AUDREY J. MAGOUN  
New Castle, Penn.  
Wildlife Science  
Xi Sigma Pi  
Wildlife Society Sec.-Treas.  
Effluent Soc. Vice Pres.  
R. I. Ashman Award



JOHN MAYER  
East Meadow, New York  
Forest Utilization

Theta Chi—Chaplin  
Inter-Fraternity Sports  
Intramural Sports  
Forestry Club



JEFF U. PARADY  
Jamestown, R. I.  
Forest Management

Theta Chi—Social Chairman  
A.A.S. Paul Smith's College  
Inter-Fraternity Sports



DENNIS R. PERHAM  
Cliffside Park, New Jersey  
Forest Management



HAROLD STEVENS PERKINS II  
Bath, Maine  
General Forestry

Theta Chi  
Woodsmens Team  
Forestry Club  
Inter-Fraternity Sports  
Surveyor in Training



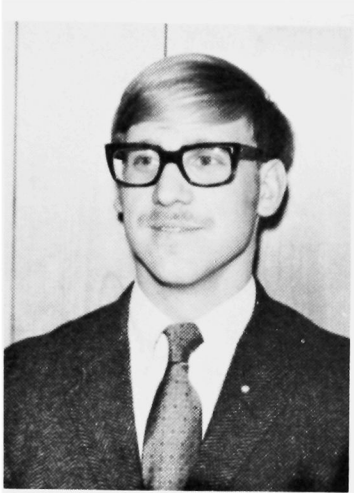
DELBERT RAMEY  
Rumford Center, Maine  
Forest Management

Forestry Club  
Xi Sigma Pi—Sec. Fiscal Agt.  
Head Waiter—East Commons



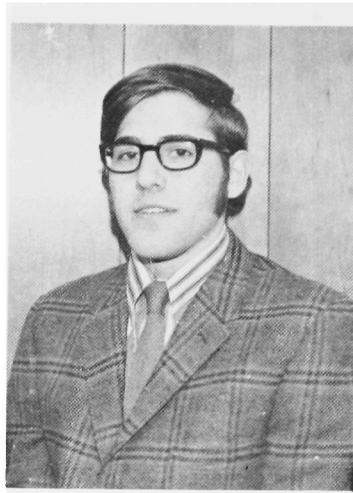
GEORGE M. RUOPP  
Danbury, Conn.  
Forest Management

Land Surveyor in Training  
Maine Forestry Club  
S.A.F.  
Wildlife Society

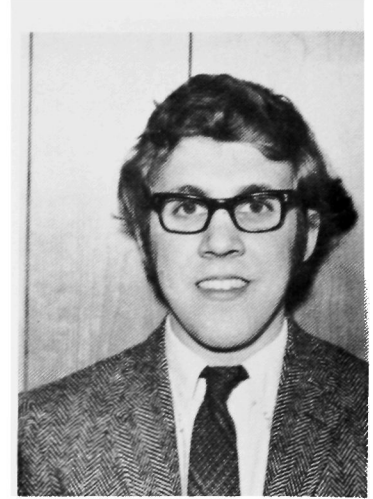


DAVID SCHAIBLE  
Shiloh, New Jersey  
Forest Management

Xi Sigma Pi  
Alpha Zeta  
Forestry Club  
Resident Assistant  
Pulp and Paper Scholarship



JOSEPH M. SCHWARZMANN  
Baltimore, Maryland  
Wood Technology

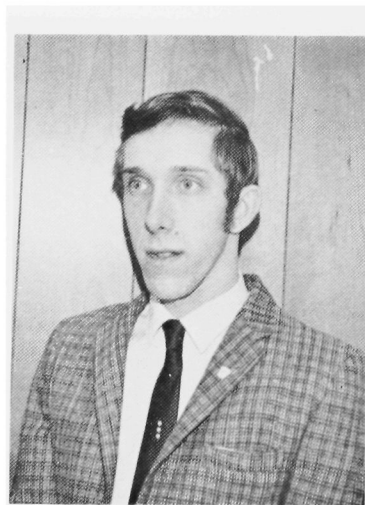


ROBIN G. SMITH  
Bangor, Maine  
Forest Management



WES SMITH  
Bangor, Maine  
Wildlife Management

Sigma Nu  
Woodsmen Team  
Wildlife Society



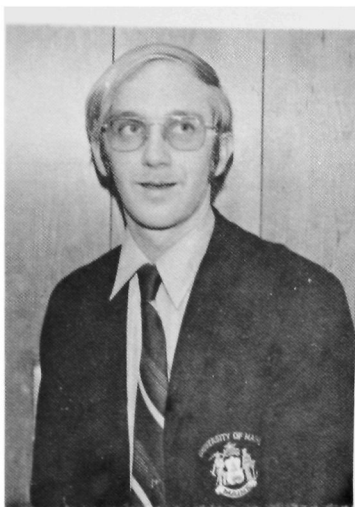
PETER STOOHOFF  
Bangor, Maine  
Forest Management

Forestry Club  
Intramural Basketball  
Intramural Ice Hockey

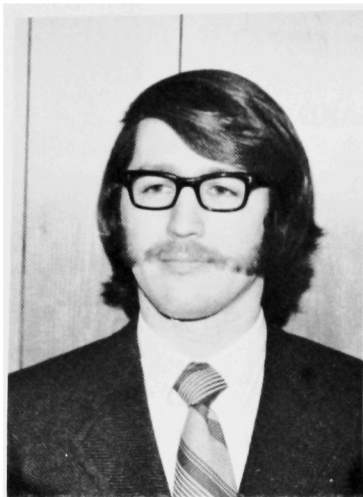


DONALD A. TARDIE  
Winterville, Maine  
Forest Management

Ricker College  
Forestry Club  
Maine Outing Club  
Varsity Soccer  
Intramural Sports  
Resident Assistant  
Student S.A.F.  
Maine Forester Staff



JOHN A. TORREY  
Orono, Maine  
Forest Management  
Maine Vets Club



ERVIN TOWER  
Houlton, Maine  
Forest Utilization  
Xi Sigma Pi  
2-year Pulp and Paper  
Resident Assistant  
Intramural Basketball  
4th Annual Forestry Graduate  
Congress, British Columbia



BRUCE TURMENNE  
Lewiston, Maine  
Forest Utilization  
Maine Forester  
Forestry Club  
Student Member S.A.F.  
Pulp and Paper Foundation  
Member



RAYMOND VARNEY  
Berwick, Maine  
Wildlife Management  
Sigma Nu  
Wildlife Society  
Intramural Sports



JOHN WADSWORTH  
Cornish, Maine  
Forest Management  
Alpha Gamma Rho  
Forestry Club  
Wildlife Society  
Air National Guard

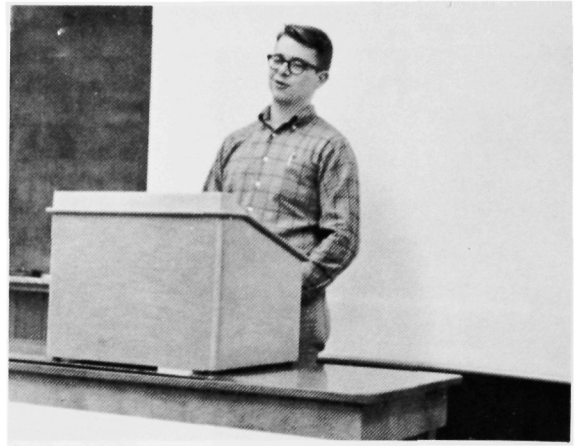


IRVIN T. WARD III  
Lewiston, Maine  
Wildlife Science  
Theta Chi  
Upsilon Pi  
A.A.S. Paul Smith's College



SENIORS NOT PICTURED

TYSON ALLEN  
BARRY BALDISSARD  
DAVE CARNEY  
DAVE GALINANT  
KEITH GUIOU  
SUE HASELTINE  
ROBERT KELLEY



# GRADUATE



# STUDENTS



DAVID ABELL  
B.S., Maine, 1966

Affects of Forest Fertilization on Nutrient Content of  
Deer Browse



MYRTLE BATEMAN  
B.S., Univ. New Brunswick, 1968

Some Behavioral and Physiological Effects of Three Dif-  
ferent Cover Conditions on White-Tailed Deer



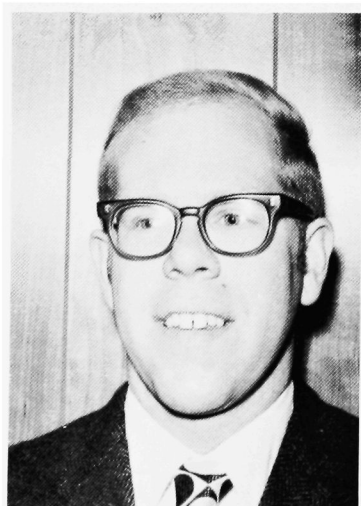
PETER D. BREWITT  
U.S. Naval Academy  
B.S., Maine, 1969

Growth and Yield of Even-Aged Spruce-Fir in Western  
Maine

BRUCE BROCKWAY  
B.S., Maine, 1966

NOT PICTURED

Graduate Program not Adequately Developed at Time of  
Publication

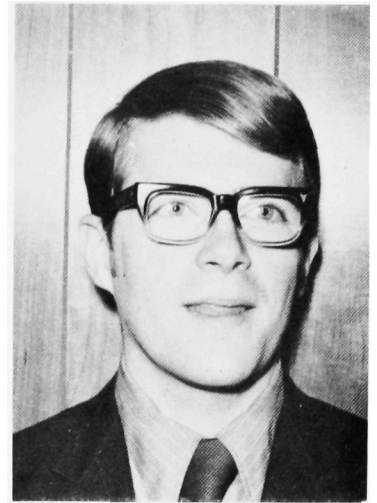


DAVID CAPEN  
B.S., Univ. of Tenn., 1969

Establishing and Increasing Local Breeding Populations  
of Wood Ducks by Relocating Active Nest Boxes

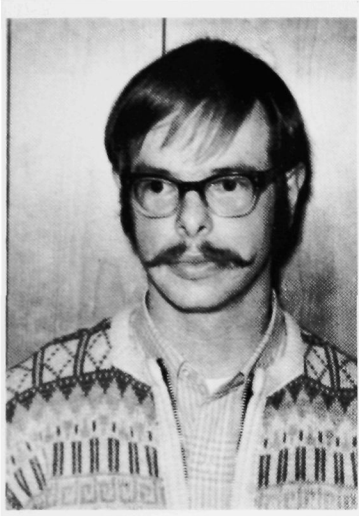
LOREN COLE  
B.S., Maine, 1969

Low Cost Housing Component Aggregation Model



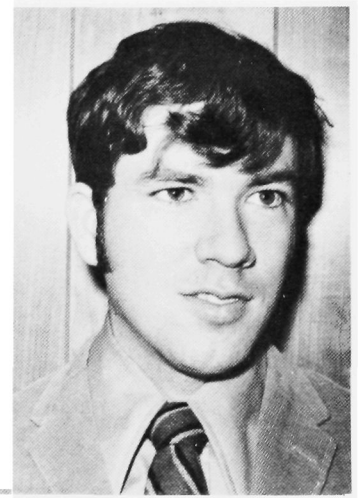
JIM CONNERS  
B.S., Maine, 1969

Economic Analysis of Campgrounds in the Sebago Lakes  
Region of Maine



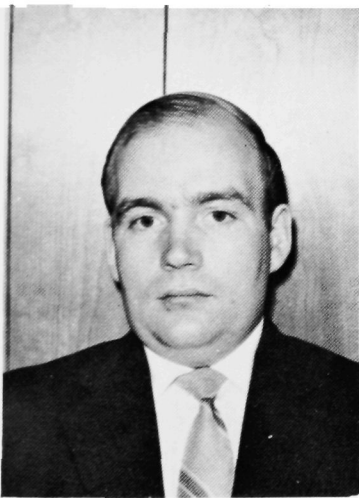
ROBERT DUNFORD  
B.S., Univ. of Florida, 1969

Summer Behavior of the American Woodcock



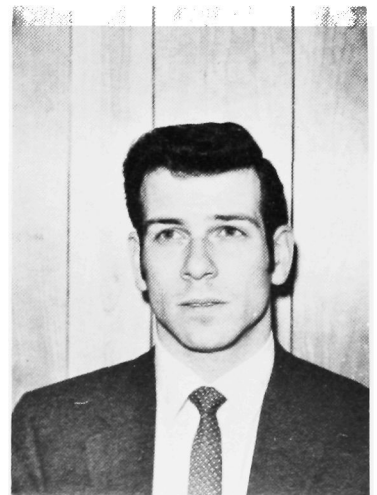
LARRY L. EMERY  
B.S., Maine, 1970

An Analysis of Shorea spp. for Veneer Core Material  
in Decorative Laminates



ANTHONY FILAURO  
B.S., Maine, 1968

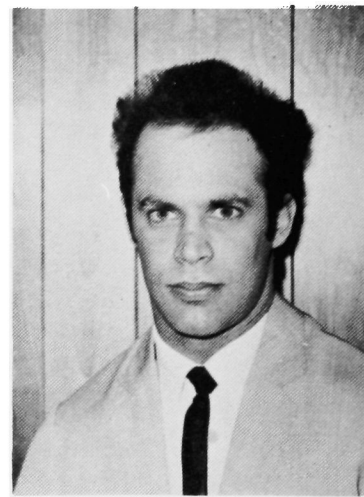
Determine Nutrient Movement Through Disturbed Forest  
Soil





**JOHN GLEICH**  
B.S., Univ. of West Virginia, 1970

Graduate Program not Adequately Developed at Time  
of Publication



**JOSE LIVIL GOMIDE**  
B.S., Federal Univ. of Parana, 1965

Thesis about Wood Structure and Pulping



**BRUCE GURALL**  
B.S., Maine, 1969

An Evaluation of the Bonding Variables of Eastern  
Spruce Plywood



**DAN HARE**  
B.S., Maine, 1970

Graduate Program not Adequately Developed at Time  
of Publication

Not pictured

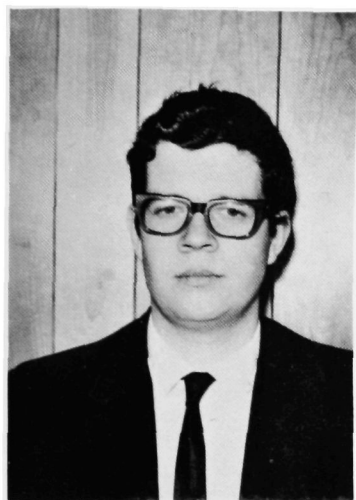
**ROY HUGIE**  
B.S., Utah State Univ., 1970

Mobility of Deer in Three Western Maine Winter Yards



DAVID M. KNUPP  
B.S., West Virginia Univ.

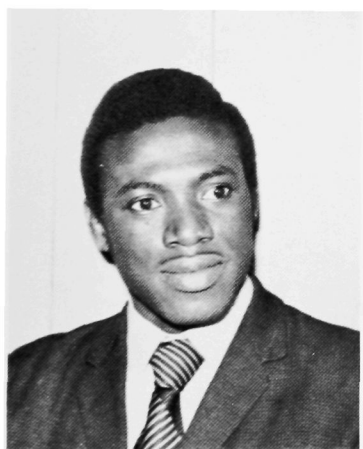
The Effects of D.D.T. on Robin Production in Northern  
Maine



PETER MARTIN  
A.A.S., Paul Smith's College, 1963  
B.S., Maine, 1965

Throughfall, Interception, and Moisture Holding Capacity  
of Forest Litter Under Coniferous and Deciduous Stands  
in the University of Maine Forest

JACK MORONEY  
B.S., Maine, 1964  
Penobscot River

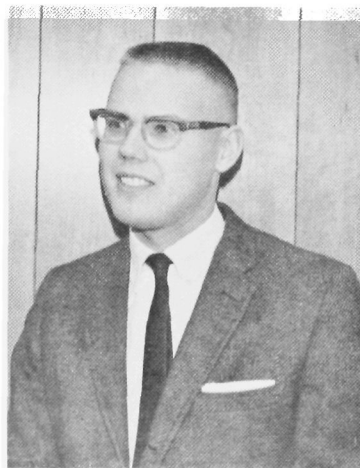


ISAAC AYISI OKOH  
B.S., Univ. of Science and Technology, Kumasi, Ghana,  
1969

Utilization of Solar Energy for Drying of Lumber

JAMES RAMAKKA  
B.S., Cornell Univ., 1970

Breeding Season Studies of Male Woodcock (Philohela  
Minor)





WILLIAM SARBELLO  
B.S., Cornell Univ.

Renesting of the American Eider in Penobscot Bay Colonies



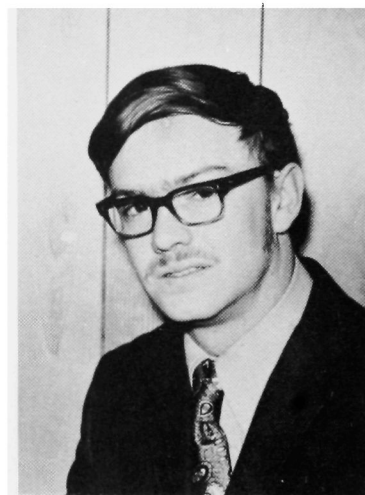
RONALD W. SCHILLINGER, JR.  
B.S., Washington State Univ., 1969

Relationship of Growth of Spruce and Fir in Maine to Soil-Site Properties



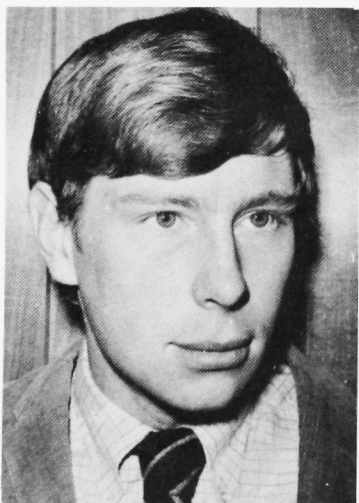
CHARLES VALENTINE  
B.S., Maine, 1969

Some Aspects of the Vacation Home Market in Maine



DENNIS WENTWORTH  
B.S., Maine, 1970

Snowmobile Compaction Study



GARY WHITE  
B.S., Iowa State Univ., 1970

Penobscot Bay Study Project

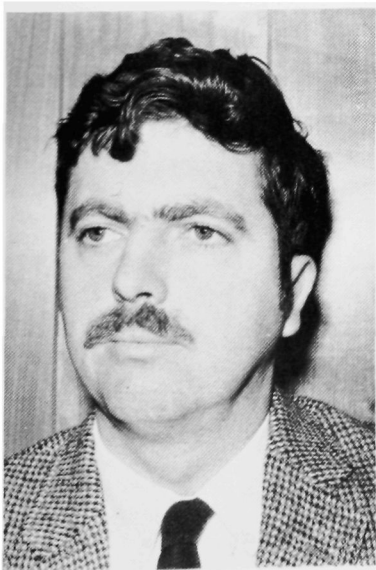
## Doctorate Degree Candidates

In the winter of 1970 a Ph.D. program was approved for the School of Forest Resources by the Board of Trustees. The first candidates were accepted in the fall of 1970. Both candidates are working towards Doctorates in Wildlife. Following is their own descriptions of their programs.

### CHESTER F BANASIAK

Tentative Study Title: Effects of sublethal levels of DDT contamination on red-backed salamander, *Plethodon cinereus*, in northern Maine.

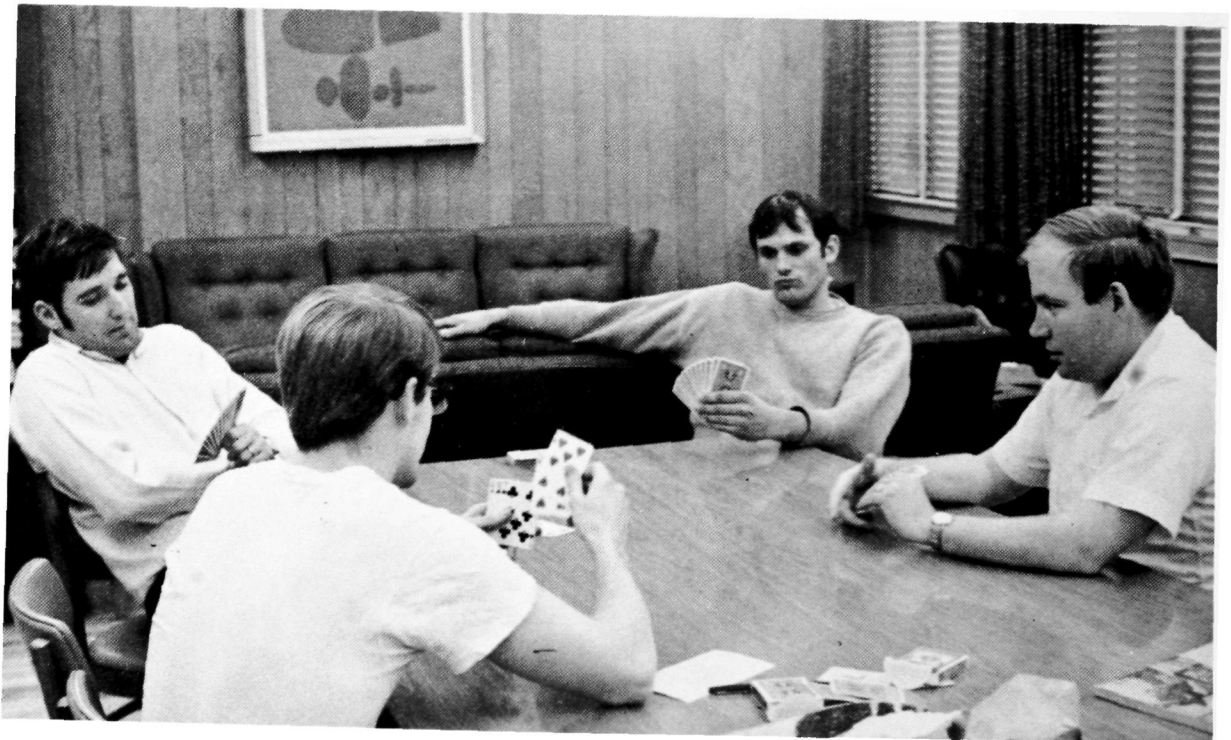
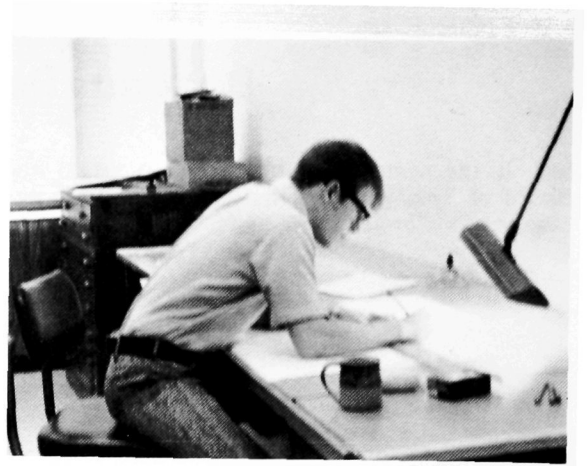
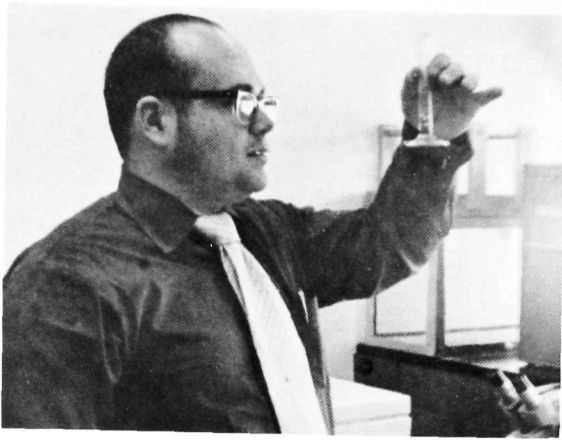
During the period 1958-67 portions of the commercial spruce-fir forests of northern Maine received varying levels of DDT application for spruce budworm control. Low level residual DDT contamination of soil and some animals is still detectable 10 years after treatment. The effects of similar low level contamination on various animals have been tested under laboratory conditions. However, field studies involving naturally occurring populations within forest ecosystems are rare. My study, part of a project directed by Drs. Dimond and Owen, will compare the population dynamics of red-backed salamanders subjected to three distinct levels of DDT contamination. Similar, concurrent field studies by other investigators will involve robins, crayfish and shrews. Hopefully, the salamander investigation will contribute information pertaining to the ecological significance of sublethal residues of persistent insecticides. In addition, a more complete understanding of the life history and ecology of the red-backed salamander in northern Maine should evolve from the study.



### WILLIAM F. REID, JR.

Program not currently titled.

A large, forested area of Aroostook County has been sprayed aerially with DDT for a number of years in an attempt to control the spruce budworm. Some portions of this area have received repeated sprayings while others have none recorded. This has resulted in a mosaic of blocks of variable history of DDT treatment superimposed upon a more or less uniform forest. As part of a project concerning the ecology of animals in DDT-contaminated environments, I will be working upon the crayfish, *Cambarus bartoni*, which is a common inhabitant of streams in that area. As there is little information in the literature concerning the ecology of this crayfish, my primary task will be to define its ecology in watersheds essentially uncontaminated with DDT. Studies will also be made on crayfish in watersheds having moderate and heavy DDT levels. Comparisons of such features as population density, mortality, and egg hatching success may be made to determine the effects, if any, of DDT upon these crustaceans.





# ACTIVITIES



# AWARDS



AUDREY J. MAGOUN  
Recipient of the Robert I. Ashman Award

Each year the one senior who best exemplifies a devotion to the forestry profession, exhibits excellent character and high moral standards, receives the Robert I. Ashman Award. The award was established in 1957 by friends and students of professor Emeritus Robert I. Ashman, a member of the Maine Faculty from 1930 to 1957.

For the first time a woman's name joins the list of award recipients. Audrey Magoun, majoring in Wildlife Science, has maintained an excellent point average and has been a prominent member in extracurricula activities. She is a member of Xi Sigma Pi Honorary Forestry Fraternity, past Secretary-Treasurer of the Wildlife Society, and past Vice President of the Effluent Society. After graduation Audrey plans to continue her education by attending graduate school.

## OTHER AWARDS ADMINISTERED BY THE SCHOOL OF FORESTRY

PENOBSCOT COUNTY CONSERVATION AWARD  
CURTIS A. LAFFIN  
AUDREY J. MAGOUN

MAINE HARDWOOD ASSOCIATION  
DANIEL A. HARE  
E. GERRY HAWKES

RETAIL LUMBER DEALERS AWARD  
STANLEY P. BARTASH

HOMELITE CORPORATION AWARD  
JOHN M. BULGER  
DELBERT E. RAMEY

ALUMNI ASSOCIATION AWARD  
HERBERT R. DICKEY  
DENNIS S. WENTWORTH

HONORABLE MENTION  
WILLIAM D. LILLEY  
JOSEPH R. TARDIFF  
JEFFREY R. TRAVIS

# Student-Faculty Advisory Committee

by

DR. MARSHALL ASHLEY

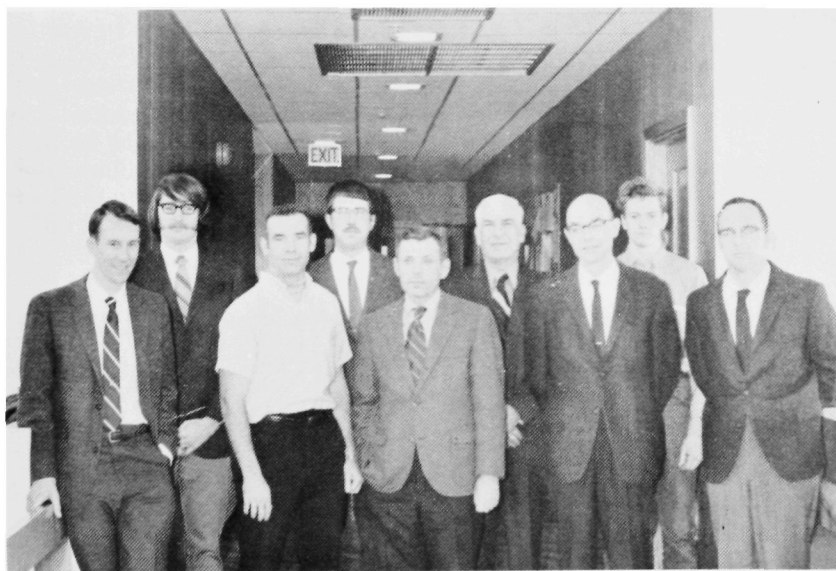
The Faculty-Student Advisory Committee has continued to meet over the past year. The Committee's purpose has been to provide a forum between faculty and students on matters concerning the School of Forest Resources. Those present at the meetings have been representatives of the major curriculum divisions.

Discussion on several subjects has taken place at the meetings. A student course evaluation was considered and subsequently was used by some of the faculty in their Fall courses. Summer Camp

and proposed curriculum requirements such as mathematics and computer programming were among other topics which were discussed.

Open meetings are scheduled for the coming year. Several students and faculty have expressed the feeling that the meetings have been beneficial for a mutual exchange of ideas and opinions on matters concerning the School. It is hoped that they will continue to provide a better understanding between faculty and students over the coming year.

## Members 1970 Committee



Dr. Ray Owen   Dr. Craig Shuler   Dr. Malcolm Coulter   Dr. Ralph Griffin   Dr. Marshall Ashley

Irv Tower   Duane Dyer   Dir. Albert Nutting   Pat Valkenburg

Not Pictured David Capen

# Xi Sigma Pi

by

ERVIN TOWER

Xi Sigma Pi is the nationally recognized honorary fraternity for the forestry profession. The School of Forest Resources is represented by the Gamma Chapter.

Requirements for membership include better than average scholastic standing, interest, and devotion to the forester and the forestry profession.

To some people, membership means a higher GS rating, another title to add under a picture in the Maine Forester and a banquet to attend each spring. This type of person can be stereotyped by failing to attend meetings, too busy to help with projects, and by commenting that Xi Sig does nothing.

To others, membership means a chance to improve the forester—his profession and image and a chance to discuss with other students, graduate students, and faculty subjects which very seldom come to the surface under classroom conditions. Xi Sig seems to bring to one's attention which faculty are truly interested in the School, the curriculum, and the students.

It would be nice to be able to say that Xi Sig had rocked the school with its outstanding projects—not so. But Xi Sig has not remained idle.

Peter Brewitt, the Ranger, has written up a pledge project which will be continued from year to year and will guarantee a good supply of high

quality Christmas trees for years to come. This is a long range project and most of the present student and graduate student members will never see the economic return.

Ron Schillinger is heading up a committee which will attempt to create an easily distributed and easily understood information display explaining to anyone the various branches of forestry in which a forester may specialize. It will also show how they are related to the forests, its renewability, multiple use, and other advantages. This display does not plan to recruit or advertise but only to inform.

Xi Sigma Pi also works on the Christmas tree sale and the annual Awards Banquet. These are expected of us and we dutifully attempt to improve them.

Xi Sigma Pi is not out of fresh ideas yet. We have several more which may get off the ground before the end of the school year.

Gamma Chapter gets so much support from one group that they should get special mention. They have a high attendance factor at meetings and projects and put out an honest effort. This group is the grad students. They seem to present an image which might be the theoretical Xi Sig member. They are willing to give a little time, do a little work, and try to think of a few ideas. What more could a professional do?



# Forestry Wives Club

by  
NAIDA BULGER

This year began for the Forestry Wives Club with a get-acquainted picnic for husbands, wives, and children, at the Katahdin Scout Reservation in East Eddington. Even though it rained, many members turned out and a good time was had by all.

The get-acquainted picnic served to foster a friendly atmosphere for our regular meetings, which were held the second Thursday evening of every month.

Incumbent members helped to get the year started by serving the traditional Pot Luck Supper to all who attended.

Our November meeting highlighted an illustrated talk about Finland, presented by Mrs. Thomas Corcoran, wife of the Associate Director of the School of Forest Resources, and provided a most interesting and informative get together.

During December, husbands and children were invited to attend our annual Christmas party. Santa was the guest of honor, arriving with a gift for each child age ten and under.

Mr. Gregory Baker, Professor Emeritus of the School of Forest Resources, honored us with a program on Maine History at our January meeting. This was followed by Game Night in February.

The remainder of our programs consisted of, Mrs. Harold Swift, Driftwood as a decorative item; Dr. Howard Mendall, Wildlife Conservation Marshlands; and Mrs. Robert Thaxter, Flower Arranging.

Our organization is purely social, as is evidenced by the above programs. The club is comprised of wives of the faculty and students in the School of Forest Resources and provides a chance for girls whose husbands have a common interest to get acquainted.

In past years we have published a cookbook, and with the profits awarded scholarships to married students attending summer camp, and donated \$800 (in books) to the Graduate Students' Reading Room. These awards are being offered this year also. The requirements are that the student must be married, have a satisfactory scholastic standing, and show financial need.

Our officers are: Mrs. John Bulger, President; Mrs. Peter Holden, Vice President; Mrs. Kermit Baty, Secretary; Mrs. Paul Miller, Treasurer; and Faculty advisors are Mrs. Albert Nutting and Mrs. James Shottafer.



# THE MAINE FORESTRY CLUB—1970

by

GERRY HAWKES



Is the Maine Forestry Club dying? The following case history for 1970 should help you decide.

It was early February 1970, when the new club officers for the year assumed their position: Gerry Hawkes, President; Sydney Frissell, Vice President; Sally Medina, Secretary; and Wayne Valcourt, Treasurer. With grand plans and high hopes, the Forestry Club kicked off the new year on February 12th featuring a meeting with Dr. Richard Emerick of the Anthropology Department and his movie, "Eskimo Hunters: People of the Past". Approximately 100 foresters and non-foresters attended the meeting, and found the lives of the Canadian Eskimos to be extremely interesting and even appealing (that is if you relish the thought of warm, raw, walrus intestines for lunch). Not counting the people with unsettled stomachs, the meeting was rated a success but, success or not, very few people could find the two dollars for a 1970 membership card.

Tuesday, March 10th, the Forestry Club met for the second time with Dr. David Smith, a well known silviculturist from the Yale School of Forestry, as the guest speaker. A group of about fifty foresters heard him give an informative talk on the ecology and silviculture of mixed stratified forests.

Since December 1969, plans had been in the making to have John Gould, executive secretary of the Paper Industry Information Office in Augusta, speak to the Forestry Club about the public relations aspects of environmental control. April 9th came and John Gould came for the third meeting, but no more than a handful of people showed up to hear him. Mr. Gould was quite upset with the turn out, and understandably so, since he had been planning his talk since December, and had driven all the way from Augusta to give it. This meeting hurt the club a great deal in its effort to attract well known speakers.

April was the month of the Environmental Teach-In at the University of Maine, a hectic

month filled with meetings and little studying. Various campus organizations joined together to depict the array of environmental problems facing modern man. It was the Maine Forestry Club's task to present a campus-wide program on April 15 dealing with the problems of pollutions from the pulp and paper industries. After three months of planning, the Forestry Club produced a one hour panel discussion on ETV and a follow up discussion in Hauck Auditorium. There were three industry representatives and three non-industry representatives on the panel. Three paper companies were represented: Scott, Penobscot, and Great Northern. The three non-industry representatives were a top sanitary engineer, an environmental lawyer, and a plant pathologist. The panel drew a good public response, especially from the ETV discussion.

May was a month of inactivity for the Forestry Club as the attention of foresters drifted away from books and meetings.

The first meeting of the fall semester 1970, was held on October 7th, with a representative from the Peace Corps as the guest speaker. Approximately thirty people attended.

On November 11th, Lew Bissell, extension forester, gave an interesting slide talk to the Club on his impressions of European forestry. Mr. Bissell's talk was based on his extensive tour of Europe the previous summer.

The election of the 1971 Forestry Club officers was conducted on December 10th. The attendance at the meeting was pathetic. Officers elected were as follows: Duane Dyer, President; Alan Kimball, Vice President; Sally Medina, Secretary; and Al Stockley, Treasurer. Following the voting, the Forestry Club joined the Wildlife Society for a joint meeting featuring Howard Trotsky who described his suit against Scott Paper Company, to stop the driving of pulpwood down the Kennebec River.

The annual Christmas tree sale, in conjunction with Xi Sigma Pi, marked the final 1970 activity for the Forestry Club. Sales were extremely good, but the supply of trees was limited, and many people had to be turned away.

In general, the Forestry Club suffered from a lack of members and a lack of enthusiasm among the foresters. If the students in the School of Forest Resources do not show more enthusiasm in trying to make the Maine Forestry Club a viable organization, it will soon become virtually dead. This is too bad, because, if the Club is active, it can be a valuable and interesting addition to professional forestry education.



# The Wildlife Society

by

PAT VALKENBURG

This year, as last, the Student Chapter of The Wildlife Society has proven to be one of the more active groups on campus. The Environmental Awareness Group, a committee of The Wildlife Society, has been swamped with requests from junior high and high schools for programs on ecology and conservation. The Group was started just before "Earth Day" last year, and since that time twelve-hundred students have heard the twenty-two programs which are offered. Oceanography, human population, and pollution were some of the more popular programs, but others concerning wildlife and other aspects of conservation were also frequently requested.

The regular monthly meetings of the Society have been varied and interesting. Marshall Wiebe, a former University of Maine student, gave an informative talk on the direction and goals of modern conservation education. Dr. Fred Gilbert had some words on deer management which should have been heard by Maine legislators, but unfortunately they were not present. In October, Gordon Gullion, a ruffed grouse specialist from the University of Minnesota, gave an illustrated talk on grouse management. Biologists from around the state came to hear Dr. Gullion, and the auditorium was filled. In honor of National Wildlife Week, groups of Boy Scouts from around the state were invited to a movie and a tour of the forestry building. At

a joint meeting with the Forestry Club, Howard Trotsky, a graduate student in zoology, made a plea for support of his court case against log driving and storing on the Kennebec River. One of the more interesting meetings was a debate on the ethics of hunting which was sparked by the proposed Maine moose season.

The Maine Student Chapter hosted the second annual Student Wildlife Conclave. This year, the conclave was planned independently of the Northeast Wildlife Conference, and was held at Remington Farms in Maryland on March 27 and 28. At the Conclave, students from seven schools competed in a wildlife bowl similar to the General Electric College Bowl, but with questions on the various aspects of ecology. Maine won the 1968 bowl, but because we were hosting the conclave this year, we did not compete.

At the end of the year, the featured speaker at the Forestry-Wildlife Banquet was Dr. Edward Kozicky. Dr. Kozicky is a University of Maine alumnus, and a past president of The Wildlife Society.

We in the Wildlife Society certainly appreciate the help and constant prodding provided by Dr. Schemnitz. His help certainly contributed to the success of the Student Chapter throughout the year.



# The Woodsmen's Team

by

JOHN BELDING

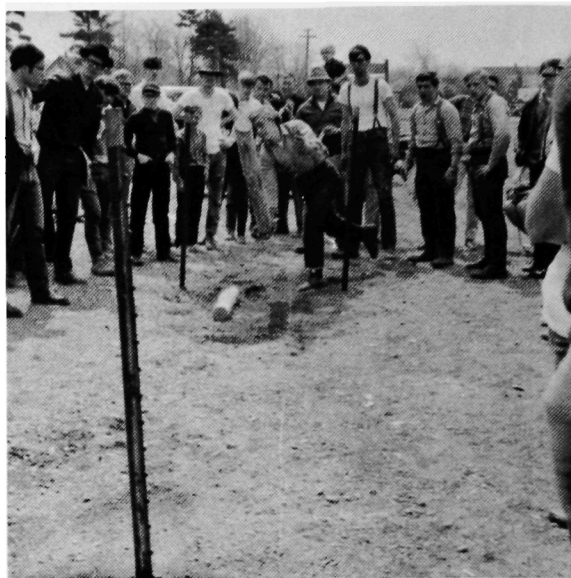
The annual spring Woodsmen's Week-end of 1970 was held at home, for the first time in many years. Under the leadership of Russ VanHazinga, the team members and many assistants readied the field behind York Hall for the events of May 2. Maine started the day with a big 0.00 in fly casting, but soon we were fighting for the lead with Paul Smith's College. After Saturday's events we were ahead by a small margin.

With Sunday came the rain and we fought hard to hold our lead in the canoeing events. The many weeks of self-imposed practice on the part of the Maine team finally won over the more rigorous practice schedules of teams such as Paul Smith's. The final total was as follows:

Maine "A"	1612
Paul Smith's "B"	1581
Paul Smith's "A"	1546

The team members were:

Russ VanHazinga (captain) — Phil Cayford  
John Belding — Lou Stevens  
Ken Severy — John Carter



With the fall of '70 came the border-crossing to the University of New Brunswick for their annual Woodsmen's Meet. In 1969, we had lost by 2 points to U.N.B., and this year it was win or bust! . . . WE WON!! We sure did. The Maine teams

took first and second place and all four trophies! We also won the sawing events for the 7th year in a row and retired the sawing trophy for the second time.

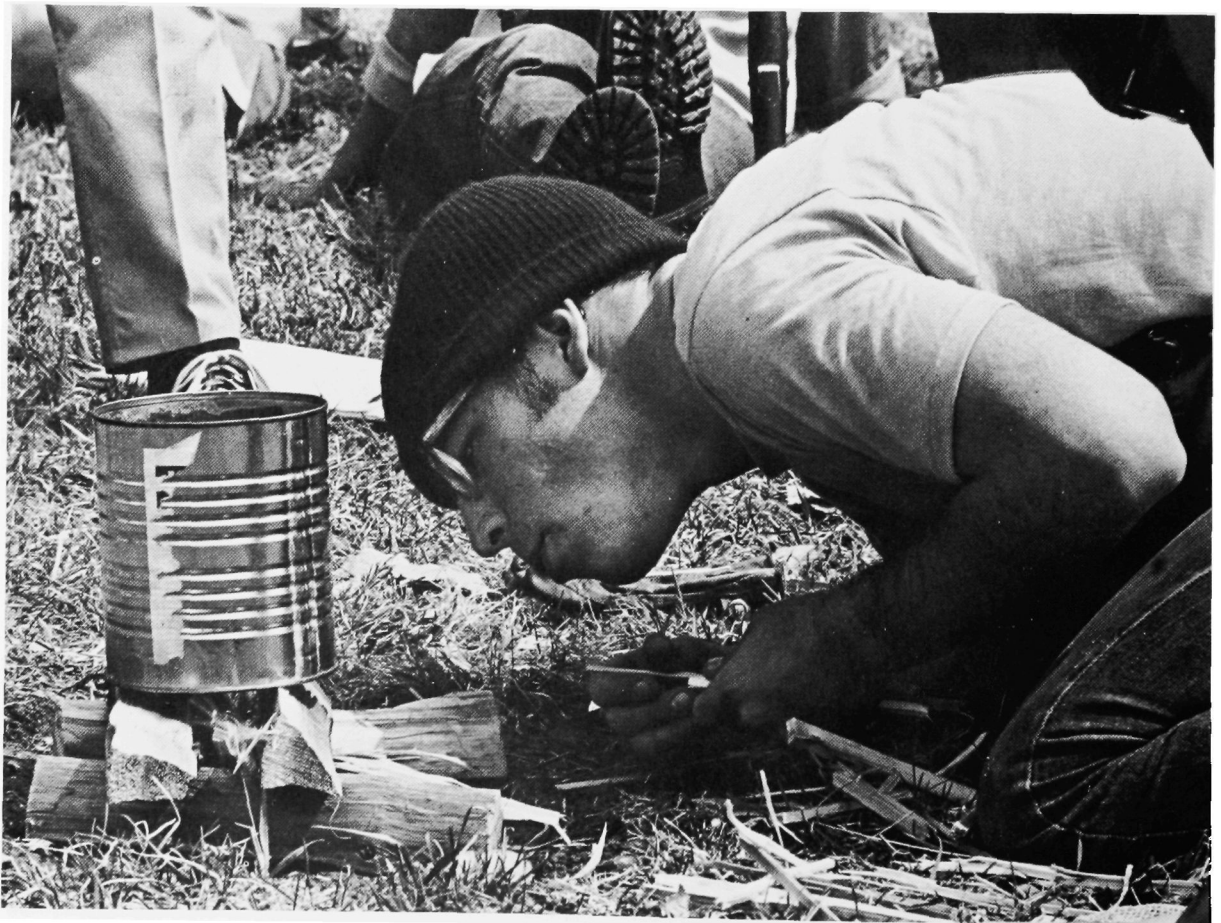
U.M. "A"—964 U.M. "B"—767 U.N.B. "A"—760  
The team members who represented Maine at U.N.B. were:

"A" Team Lou Stevens (captain)—Phil Cayford  
John Belding—"Tricky" Nash  
John Carter—"Skragg" Struble  
"B" Team Al Jeffs (captain)—Ken VanHazinga  
Joel Swanton—Joe Atkinson  
Duane Dyer—Paul Miller

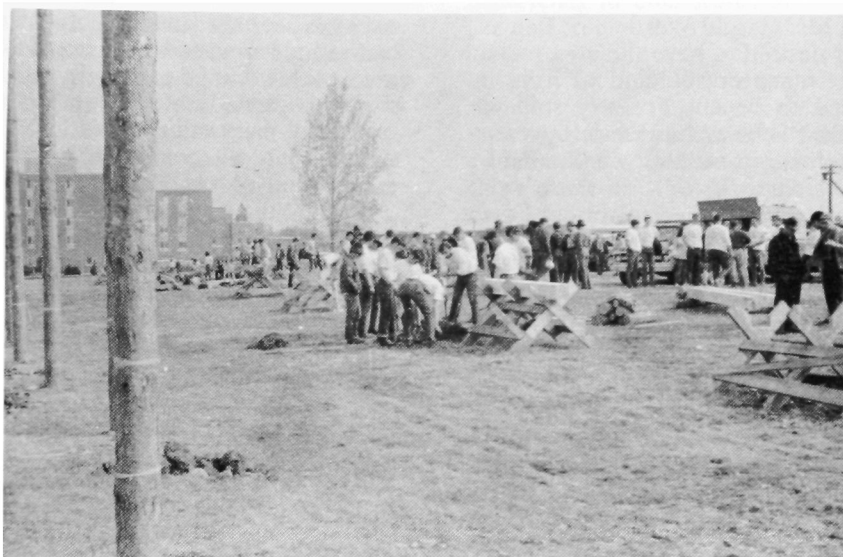
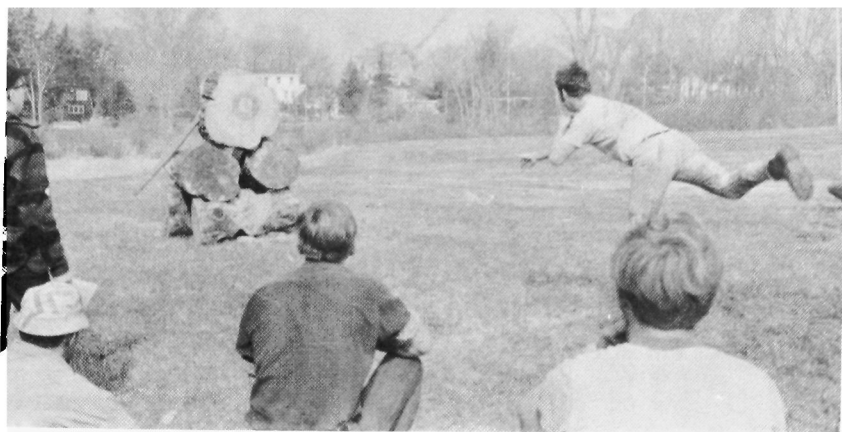
In November 1970, one team attended the New Hampshire Forestry and Wildlife Woodsmen's Day. Maine fought a hard battle and took second place behind Paul Smith's. Maine also journeyed to MacDonald's College Winter Carnival on January 30. After a long drive and no prior practice, the team came in second place out of 28 teams.

Finally, as a parting chop, there is a team at the University of Maine which has won consistently, as shown by its long record of first and second places. The team has more spirit and will power to go out and win than most teams of its kind, anywhere. Let's hope that in a university the size of this one, the team finds the \$500.00 needed to travel to Paul Smith's College this May and win . . . again!!











# THE UNIVERSITY FOREST

by

ROGER F. TAYLOR

The University Forest is an outdoor laboratory of forest land located in Orono and Old Town, Maine, within a few minutes drive of the Campus. It is made up of about 1700 acres of various forest types, both natural and planted, and is used for student instruction, research, and demonstration. It has been under continual management by the School of Forest Resources since 1939. Many local residents take advantage of the network of roads and trails for walking, horseback riding, snowmobiling, and general outdoor enjoyment.

A valuable addition to the Forest is a recent gift of 250 acres of remote forest land in LaGrange, Maine by the late Mr. Harold Worthen of Bangor, Maine. The donor desired to have the area remain under good forest management, and to have income from it used to benefit Forestry students. The Harold Worthen Scholarship Fund is presently \$4,000.00 from this income and will be used for one or more scholarships.

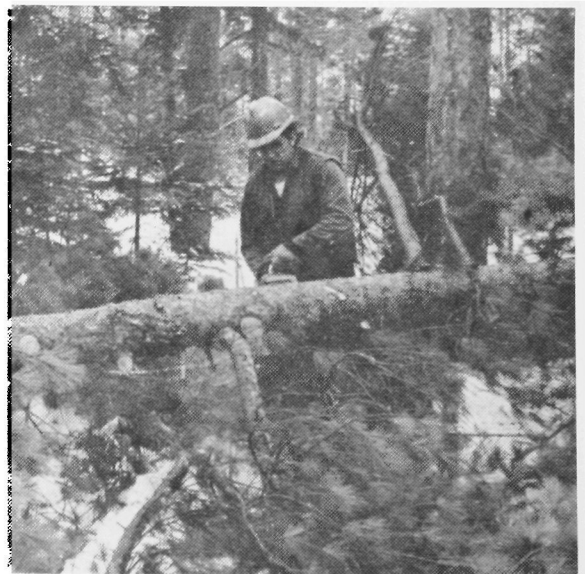
Laboratory classes using the University Forest include Silvics, Silviculture, Forest Measurements, Surveying, Botany, Entomology, Photogrammetry, Pathology, and Recreation. Classes of both 4-year and 2-year Forestry and Agriculture students utilize the area. Forest management practices are aimed primarily at maintaining a healthy, vigorous stand of timber of various age classes for use in these laboratory exercises and for demonstration of different methods of managements. Attempts are also being made to improve the general

appearance along roadsides and waterways. This is primarily for aesthetics, and an occasional interestingly deformed tree or shrub is left which may have appeal for other than timber uses. Forests must now be managed for multiple uses, not the least of which is the plain everyday enjoyment of seeing appealing sights, and these will vary nearly as much as people. Because of this, a present day forest manager must try to see the forest not only as a timber producing area, but also as it appears to the general public, who have many different ways of appreciating it.

Carrying out these management practices requires a certain amount of timber cutting and harvesting, some of which may have to be done at a cost. However, the majority of this work on the Forest is carried out with an aim to show a profit on actual harvesting operations. As far as possible all labor is performed by students under the supervision of the Forest Superintendent.

During the summer months several students are employed on a full time basis. Their work involves many phases of forestry—nursery and seed tree care, blister rust control, timber marking and stand improvement, sample plot measurements, saw-mill operations, maintenance of buildings, equipment, roads and trails, brushing and painting lines, and road construction.

When regular classes start in the fall, student cutting and yarding crews are employed to work during their free days and weekends. Cutters pro-



vide their own chainsaws and other equipment and work on a piece work basis. All trees to be cut have been previously marked, and are cut into their most valuable components such as logs, boltwood, pulpwood or firewood. Cordwood is stump-piled along tractor roads, and sawlogs are bucked and left for the yarding crew. The individual cutter is responsible for making correct decisions, and good judgment and common sense are necessary aptitudes for success.

The yarding crew work on an hourly basis using University Forest equipment, and move the various forest products from the stumps to a truck road. The equipment includes a crawler tractor, log arch, scoot and woods trailer plus various hand tools. A new unit was added this year to further mechanize the yarding procedure. This is a small hydraulic grapple loader mounted on a woods trailer, which, when operated properly, picks the wood off the ground, loads it on the trailer, and when the load reaches the truck road landing, unloads the trailer and stacks the wood in piles for trucking. What was once a vigorous, heavy, weight lifting, muscle building job, has now become a simple maneuvering of fingers and thumbs once the intricacies of manipulating 5 levers to make 10 different movements has been worked out. This machine has been a great asset this winter in digging pulpwood out from under several feet of snow.

An average annual harvest from the University and Worthen Forests amount to about 500 cords of pulpwood and 150 M. bd. ft. of sawlogs. This cut will vary yearly due to weather conditions and number of cutters. This year the amount harvested will be lower due to heavy snow accumulations which have been slow to settle due to prolonged cold weather.

The University Forest is a valuable asset to the School of Forest Resources as a laboratory



area and also as a demonstration of practical application of forest management techniques. For those students who work on the Forest, there is the benefit of practical experience working with forestry equipment under natural conditions and learning first hand about the many frustrations and numerous problems that arise when trying to cope with Nature in her own element. These problems, although not of the same magnitude, are similar to those occurring on any forest management operation, large or small, and a student who has been involved in solving them here, has acquired knowledge which should help make him a better future Forest Manager.



# QUOTABLE QUOTES

## Diseased Pencil—*Symptomatology*

1. carbonated necrosis of the tip
2. chlorosis of the stem
3. spongy tip rot
4. golden scale of cedrus pencilous

## on a Wildlife trip

Barry "Yeah, she thinks I'm straight as a saw-log"  
Schemnitz "With butt rot."

"There are only three types of forest down here, bog, swamp, and open water."  
Barry Burnell, summer camp '70

"It's a cruel, cruel fir thicket out there"  
Lew Stevens, summer camp '70

"Excuse me sir, but what would happen if fire should jump the fire line?" Slopover! Slopover!  
Mike Gordon and Prof. Randall, summer camp '70

"These trucks have oversized engines in them. I can't tell you the exact cubic footage, but they seem to serve the purpose"  
Prof. Randall, Fall 1970

"Let's not talk about the dead"  
anonymous, Summer Camp 1970

"I learned more in the last 5 minutes than I have in the last 5 weeks." David Peppard, just after reloading Socobasin's pulp truck.  
Summer Camp 1970

"I'll never forget, or I'll always remember, at least the time . . ."  
Dr. Griffin, Spring 1971

The sawmill is the epitome of the entire forestry and wood technology practice. All else is pre or anti climatic. Richard Hale  
"He's crazy" Dr. Shottafer

"This is an Indian pump. Ah . . . what more can I say"  
Prof. Randall, Summer 1970

"A virgin forest is where the hand of man has never set foot"  
Richard Hale

"You just can't beat a Frenchman and a Kraut . . . more than 11 times in a row"  
Don Tardie, Summer Camp '70

"If it doesn't come out right, throw a factor into it and make it come out right"  
Prof. Giddings

When in Witapitlock, Maine, if you go 40 miles, you'll be in Houlton . . . Big deal"  
Prof. Giddings

"Being managed completely for wildlife purposes . . . looking at dickey birds"  
Prof. Giddings

"Then you take one of these magic formulas. . ."  
Prof. Giddings

"As you all remember from Bt-1 . . ."  
Dr. Campana

"And now for a bird's eye view . . ."  
Dr. Campana

While lecturing . . . "You guys in the front row can move back if you don't want to get any of the fallout"  
Dr. Schomaker

"There isn't really much difference between you and a slimy fungus . . ."  
Dr. Campana

In question as to his favorite tree species. "I can't say as I have one"  
Dr. Griffin, Spring 1970

Concerning his future plans.—"Uncle Sam has a design on my bod"  
Tricky Dick Nash, Summer 1970

"After my last lecture, the prevailing attitude seemed to be, I hate economics"  
Dr. Corcoran

In Pathology after writing furiously for ½ hour.  
"You don't have to get all this down because it will be given to you on handouts."

"You mean you forgot your axe boy"  
Dr. Griffin, Spring 1970

# FROM OUR COLLEGE YEARS

"I thought it was a pretty sharp report, considering forestry people were involved"

Dr. Whittaker

"If it wasn't for people, recreation would not be needed"

Prof. Plummer

Talking about mating behavior in Ecology—  
...and then he leads her inside... This is where it gets good."

Dr. Owen

"Perhaps here in Maine we were slower, as we often are, in accepting new developments."

Prof. Plummer

"Silvics is really the dictionary of knowledge of Forest Resources!"

Pete Brewitt

"I don't think that just because you're a forester its any license to be illiterate"

Ron Schillinger

"Silvics is the most educational course you'll have"

Pete Brewitt

Sign which appeared in Fy 5 lecture—"Is anyone still awake?"

"Density does not effect the height growth of trees, unless it is too dense or not dense enough"

Dr. Griffin

Dr. Ashley talking about self adjusting cameras—  
"... some of those idiot proof cameras, the kind you buy your wife..."

Dr. Ashley after a moment of confusion "I didn't write the book."

Dr. Ashley talking while waiting for some material—"I don't want you to fall apart Tom."... "I think you all have seen this before"... "It will make the girls blush"... "Let's hear it for the hairy chest"... "Thanks Tom."

Prof. Randall talking about daily fire conditions  
"A bad day!" "It's going to be a damn bad day!"

"The trouble with trees in Maine is that they just don't die!!"

Dr. Griffin

"You'll probably find that I am a lousy lecturer."

Dr. Schomaker

"I have to stand up or I will fall asleep. In fact I already did—I was looking over the notes and..."

Dr. Schomaker

Prof. Plummer talking about seed distribution  
"We do know they are reliable... to a degree?"

Sir... Do you forsee..."

Don Tardie, all the time

Question—"How does this disease affect an animal?"

Answer from Dr. Schemnitz—"It makes it sick"

"If your looking to lose your life, you've come to the right place."

Forestry Camp 2 yr.

When extensive heterokaryosis is accompanied by crossing over during cell division of diploid nuclei, thus creating new genetic linkages, another kind of sexual variation occurs known as parasexualism. By this latter method, many of the imperfect fungi are able to undergo genetic variation without benefit of sex. Let's keep this kind of nonsense in the fungi and away from people.

From the lecture notes of Dr. Campana.

The Maine Forester is an equal opportunity employer. We even hired a token Frenchman.

The Editors