ASSOCIATE

DEGREE

PROGRAM

FIRE!!
This year’s class of forest technicians entered the School of Forest Resources in the same fashion as previous classes. Forewarned by the gloomy tales of despair told to us by the elder second year “techies”, we soon learned to expect the worse. We were quickly jolted from these bleak thoughts during the first week of school by forest measurement labs held at eight o’clock in the morning. Led by fearless Professor “Charlie” Williams, we trekked into the deep, dark depths of the Demeritt Forest where we learned such lessons as use of the staff compass, hand compass, and how to properly throw a chain. Many of us, in fact, did throw the chain quite well, without instruction, when it completely refused to cooperate and remained stubbornly entangled.

Besides this most memorable class, many of us indulged in the interesting course of Forest Technology taught by Professor Wallace Robbins. Here we were exposed to the various jobs available to technicians upon graduation. Lectures were given by representatives of many private industries, the Maine Forest Service, and members of the staff here at Orono.

In Forest Power, taught by Professor Tom Christensen, we learned the basics of engine anatomy, care, and maintenance. Some of us even learned why the spark plugs had been removed from the diesel engines and that a lawn mower engine doesn’t run well when the camshaft is replaced backward.

In addition to these courses, we “techies” also took courses in botany, math, and the always dreaded speech course.

The second semester saw the class decrease in number to forty-eight students from the original total of fifty-seven with four of the forty-eight being transfers. After a five week recess, most of us just couldn’t wait to take to the woods. It was an enthusiastic band of silviculturists that slid merrily down the icy skidder roads during a chilling January downpour, in pursuit of tolerant and intolerant species. As Professor Williams and Roger Taylor explained to us, the intolerant species prefer bright sunshine.

The second semester also brought with it Professor Robbins and his wood identification class. Remember now, it is most important to have a good, sharp knife.

In the AE department, we learned from Professor Christensen how much it will cost to use all of the lumbering gear discussed in the course. You certainly can’t make money when the total cost is twenty dollars per cord and you’re selling it for eighteen. Don’t forget the units.

To round out the spring semester, courses were taken in surveying, forestry drawing, and college composition. As the semester winds its way toward May, few of us realize that we are half way there. Perhaps we are too busy listening to the tales of last year’s summer camp and thinking of the bugs, the weather, the cliffs, the jungles, the quicksand, the wild animals, and the calculations.
When the going gets tough, the tough get going, and twenty-eight of the toughest techies have made it through summer camp. What better way is there to learn than from practical application, if you survive to apply it! We might have mildewed away in the first three weeks, but we didn’t. Instead, most of us suffered a strange stiffening in our finger joints and if YOU, YOU, YOU don’t believe that an affair with a TI-30 is the cause of this finger fit then YOU, YOU, YOU have never participated in Charlie’s application of statistics to mensuration.

For three weeks the silence of the night and early morning was pierced with periodic sounds of screaming, gagging and delirious chuckling as calculators that had been so well-trained during two semesters suddenly lapsed into periods of malfunctioning. We punched our TI-30s repeatedly until we had analyzed all the data collected while wading streams, bushwacking puckerbrush, and digging stiffened fingers into ledges, and all the time we knew our partner was just waiting for the most precariously balanced position to yell, “Chain!” as he gleefully yanked us from perch and pants.

Yes, Measurements was great and we did survive it. We survived well enough to appreciate the super-sized servings concocted by Jeanne, who displayed genuine concern for our well-being at the Capricorn. Her P.B.J.F sandwiches fortified us on our hike up the fire trail. It was a beautiful hike, even for those who’d indulged in stronger fortification the night before. The tower was closed, but the panorama seen from the bottom of the floor couldn’t have been any better had it been open.

Another hike enjoyed by most of us (granted there were those whose appreciation of the recreational aspects of forestry remained limited) was across the Bigelow Range with Dr. David Field. Later, sun, surf, and sights were enjoyed by all with Prof. Newby at Mt. Blue State Park. After seeing Mt. Blue, planning our own camp site in the Cathedral Pines was easy.

Our own recreation was of a more competitive nature. The Stratton Town Softball team, noticing the superior skill of the Capricorn Wildcats, had the guts to challenge us to a softball tournament. Days were spent cruising and evenings were spent hitting, catching, and cheering. The techies came out ahead, every way. Besides softball, we found volleyball, the Red Stallion, the Sugarloaf gondolas, the swim hole behind the lodge, the laundromat, and the torment of Ross were necessary diversions. However, the largest part of our social life was spent with the TI-30, albeit some of the crew thought no social life would be better. The weekend kegs were a big help, and a final night of mayhem on the football gridiron released enough tension to loosen up more than a few stiff fingers.
Field trips were frequently a welcome change from running ridges and swimming swamps. Tom Lamont, the fire warden, delighted us when he greeted Prof. Robbins with, “Hi, Curley!” His candor in relating his job experiences was refreshing. Likewise with Norman Richards, professional logger and rabbit carver. People like these added merit to our field trips, while Fritz, with his fellow songsters, made our bus trips tolerable.

Now we’re back on campus and we’re suffering from Summer Let-down. No statistical analysis, no three-page reports, no P.B.J.F. sandwiches, and we have muscular atrophy from sitting and listening. Oh, to be running ridges again!
Another batch of stumpies is about to emerge from the firing ovens of UMO’s School of Forest Resources. Day number one saw us numbering fifty-four, from which thirty will be graduating in May. Silviculturally speaking, that’s a first rate thinning. But we’re certain Charlie would have rather clearcut, seeing as he’s an A cleavage forester.

Over the past year and a half we have been exposed to some rather intriguing material. The school has merely opened the door to a rather unique, but challenging field.

A few courses have been rather demanding. In fact, the Bear’s Den will see familiar faces, recelebrating the completion of each Accounting exam. In soils class, Doctor Struchtemeyer presented the properties of that indispensable tree growing medium, namely dirt. This turned out to be an excellent class characterized by interesting material and impossible exams. Being exposed to so much material by Professor Robbins, is no doubt the reason we can’t remember what makes the saddleback prominent.

Professor Williams has proved to be an asset to the two-year program in many aspects, excepting summer camp. He had us eating, sleeping, and working trees, chains, and degrees. He must have been putting into practice his knowledge of computer (or rather people) programming. Seriously though, he has sparked an enthusiasm in the students in a way no other could do. Fact is, he has turned us into enthusiastic techies and bona fide tarheels.

The technician seems to be playing a more important role in the field of forestry as management becomes more intensive. As a result of the combined efforts of Professor Robbins and Professor Williams, there will be a fairly knowledgeable group of techies graduating this year. However, if our knowledge or management ever fails us, we always have Charlie’s silvicultural cure-all — burn it!

We couldn’t have spent such miserable and enjoyable experiences with a better group of guys. Yet, these two years will soon be gone, and with their passing will come a parting of ways. May each techie find his or her future to be fulfilling.
Two-Year Forest Management Technology Seniors

GREG MICHAEL AINSWORTH
Leyden, Massachusetts
Intramurals
Baseball

DENNIS WALTER ANDREWS
Acton, Maine
Students Chapter, SAF
Forestry Club
Intervarsity Christian Fellowship

RAYMOND ANTHONY ALLEN III
West Hartford, Conn.
Co-Chairman, (SIRG) Student Interest Research Group

DAVID A. BOUCHARD
Fort Kent, Maine
Forestry Club

THOMAS ALLEN BRUBAKER
Maplewood, New Jersey
Lacrosse Club

PAUL JOSEPH CUSHMAN
Caribou, Maine
Woodsmen’s Team
Forestry Club
Student Chapter, SAF
Crew Worker, Univ. Forest

WAYNE M. ESTES
Gorham, Maine
Intramurals

MICHAEL ALLEN FANJOY
Dexter, Maine
Forestry Club
Intramurals

THOMAS JAMES FeeLEY
Auburn, Maine
Forestry Club
Intramurals
DAB Rep.

GORDON WILLIAM GRAHAM
Bar Harbor, Maine
Woodsmen’s Team

DAVID JOHN GRIFFIN
Orono, Maine
Intramurals

CYNTHIA A. HOLMES
Weymouth, Mass.

JOHN R. LEAVITT
Bloomfield, Conn.
Woodsmen’s Team
Marching Band

ROBERT WILLIAM LAFORGE
North Sullivan, Maine

MERLE MILLER
Websterville, Vermont

GEORGE WARREN MITCHELL, JR.
Bucksport, Maine
President, Native Americans at Maine Club

JILL MULLEN
Terryville, Conn.
Broomball, Volleyball,
Softball and Waterpolo
Intramurals, Maine Outing Club,
Intramural Representative

BARRY L. NELSON
Indian Island, Maine
BCC basketball
Vice President, Native Americans at Maine Club

THOMAS G. PARKS
Yarmouth, Maine

JOHN J. PAUL
Old Town, Maine
Delta Upsilon Fraternity
Forestry Club

ERNEST ALBERT PERREault, JR.
Brownfield, Maine

BRUCE CARLETON PLUMMER

SIDNEY N. REYNOLDS
Machias, Maine
Forestry Club

DENNIS SMITH
Caribou, Maine
Forestry Club
Student Chapter, SAF
Plant & Soils Club
Intervarsity Christian Fellowship

WILLIAM ALAN SMITH
Sanford, Maine
Baseball

KENDALL M. SPRAGUE
Augusta, Maine

ALLEN JOSEPH STEELE
Troy, Maine

CLIFTON M. SUNDELIN
Coventry, Rhode Island

PAUL GEORGE SWETT
Mexico, Maine

DOUGLAS OREY WILES

STEPHEN ERIC WISWELL
Topsfield, Mass.
Appalachian Mountain Club
Yearbook Photographer
Antioch
BACHELOR OF SCIENCE DEGREE PROGRAM
FRESHMEN

HELP!
This past semester has given us a chance to learn a little about our chosen profession, whether it is forestry or wildlife. The courses we took tested us in many different areas.

Fy-1 labs were a fine test of our motivation and devotion. It rained or (worse) snowed during many of our outdoor labs. I knew it must be Monday if it was raining. My boots disappeared in leaf-covered springs in Woodlot C and my jeans got soaked by the rain. Bill Lilley said we had to get used to it if we wanted to be foresters, so on we went.

As freshmen, we had a lot to learn about the intricacies of forestry equipment. Many days you could walk into Nutting Hall and see thirty hard-hatted stum-pies trying to throw a chain. The thought of climbing a white pine with a tape measure had some of us a little scared, but after a quick lesson in the ABC’s of forestry, we managed to complete the Heights and Diameters Lab with both feet firmly on the ground. Then it was off to start brief careers as English majors.

Looking back on my expectations of UMO, this first semester has been a fun and worthwhile experience. I am looking forward to applying what I’ve learned from Fy-1 in future courses.
Having had four hours sleep, two helpings of cold eggs, and plenty of coffee, Joe heads off to the computer center to quickly and efficiently whip-off three computer programs for Fy 5, without knowing the log-on number. Meanwhile, Josette proceeds to the mall, pacing all the way. Setting up a theodolite or transit in record time (0.529 hours*), Josette measures to a precision of one part in five million the interior and deflection angles of the apex of the first “A” in Boardman Hall.

Over lunch, Joe and Josette incorrectly identify their hamburgers as large masses of porphyritic granite.

After lunch, Joe heads off to his one and only required and highly recommended economic elective! As he neatly draws his supply and demand curves in his notebook, his mind wanders to the perplexities of the proper identification of all trees, of all nations, of all continents, of all worlds... Snapping back to reality, Joe dons his hard hat and steeltoes for a leisurely cruise with Josette in a dense regeneration stand of *Picea spp.* behind MacDonald’s. Surviving the ride back in the classic “stumpy bus”, Joe and Josette hurry over to the caf for supper. Sitting among fellow cohorts, they become actively involved in a heated argument (food fight) about the differences in location of the parenchyma cells of ... who cares?

Then it’s off to the libe for an evening of intense mind expansion. Finally hitting the sack at 1:11* EST, Joe, surrounded by 12 wood block specimens and his trusty biltmore stick, drops off into a deep sleep. As Joe snores blissfully, he dreams of volume tables, PRF, the coming semester, and summer camp.

BRIDGTON OR BUST!

*Note significant figures.
Forestry Summer Camp
By
Eini Lowell

It is May 21, and instead of heading home or to the beach or to a summer job, about 100 of us are on our way to Forestry Summer Camp — where else do all good foresters go at this time of year? Somehow, even though final exams had ended, it was just not time for summer vacation yet. In order for us to become “professional foresters”, we must participate in six weeks of forestry fun and games, that is educational fun and games.

Upon arriving at Capricorn Lodge with a snow-covered (snow, in May!?) Sugarloaf Mountain in the background, we were lucky to hear we had missed dinner (which was to our advantage as we found out in the ensuing three weeks). After all the rumors we had heard about the ‘Capricorn Caves’, about one-half of the students were fortunate enough to find themselves in the upstairs section of the lodge which can be likened to a Holiday Inn. Unfortunately, those who were not so lucky in the lottery trudged downstairs into the caves.

The first few days were spent sleeping through lectures (trying to recover from final exam all nighters) or being kept awake only by observing the contortions of fellow students trying to nap inconspicuously. Our first major project came that first week in the form of an APR cruise. Confusion reigned as formulas and conversion factors (English to Metric and vice versa) were thrown about. All these formulas and calculations kept some forester in a paper-making job.

Things moved right along as we then got a chance to really get dirty. Picture yourself, chainsaw in one hand, pulphook hanging off your belt, chaps falling down around your ankles and your free hand shifting gears in the skidder, attempting to get the tree from the forest to the woodyard without harming yourself, your fellow students or your surroundings. Now, picture poor Roger Taylor, about ready to succumb to a nervous breakdown.

Well, while everyone was still in one piece, it was time to become an engineer (the preferred profession?). The bridge this year was the largest to ever be attempted (and it should be noted, successfully completed) by a summer camp. There was one hitch though — no permit could be attained for the bridge access road. There was some subversive activity at the bridge construction site. A masked man driving the “killdozer” did his best to halt production on the bridge. Knocking out the side cribbing, rolling boulders into the crib walls and attempting to fell trees onto the partially constructed bridge were only some of his futile acts of conspiracy. We were not able to capture him, so next year’s crew, beware!

The saving grace at Capricorn was the waterfall in back of the lodge which kept most of us just numb enough to make it through those first three weeks with no sweat. Bridgton Academy, here we come.
The people who had lived in the caves at Capricorn were quite pleased with the quarters at Bridgton, while those who had lived upstairs had some readjusting to do. Ice cream at breakfast helped ease the pain a bit. Still, by the end of three weeks, no one had figured out how to get ice cream into the field for lunch.

At Bridgton, although there were more reports and less physical activities, a nearby lake and gym facilities provided much entertainment. Bus rides were abundant and if you could stay awake you got a chance to see a good portion of that part of the state (along with the Eastern White Pines that grow on a variety of sites.) A trip to Boise-Cascade Pulp and Paper mill in Rumford proved that forestry is not all balsam fir pillows.

In two days we became expert recreationists. A bus tour with several stops along the Kancamagus Highway in the White Mountains and visits to campgrounds, highlighted by a stop at the Alpine Slide at Attitash (would the fat man fit in the slide?) all combined to make us realize some of the summer fun we were missing.

We were let loose in the woods one week to work on a management plan with the assistance of state foresters (who kept well away from us and our spray paint guns). We were also given a map to help locate and remeasure some of the permanent plots established last year, an exercise better entitled Summer Camp Road Rally or a Thirty Mile Drive to Nowhere!

Every Saturday night was a Barbeque and Brew. This was much more enjoyable at Bridgton. It was held down by the lake and you could tell that you were eating hamburgers (as opposed to the meatballs at Capricorn.) Evening volleyball and softball games as well as Red Sox games on television brought everyone together.

Spirits were dampened somewhat by the prospect of a final field test and written exam. Of course no sleep was lost over the tests and the night before found many swimming in the moonlit lake.

And so Friday morning, following the exam, most of us embarked on another adventure, that of a summer job. As I drove away I reflected on all that I had done and concluded that there were much worse ways to spend six weeks other than seeing the state, being outdoors and learning a lot about the profession of forestry and the people who are committed to it.
WILDLIFE
SUMMER CAMP

Shoot, its one of those days.
Wildlife Summer Session has an uncanny ability to sneak up on sophomores as the spring semester draws to a close. Somehow, all that confusion and pressure surrounding finals week causes temporary amnesia and past events as well as future plans are forgotten. Following the last of "The Tests", it hit us just as it had sophomores in past years ... No, we were not through yet! We had committed ourselves, or perhaps had been committed to that six-week circus called Wildlife Camp 1978. Indeed, it resembled a circus in the variety of experiences it provided us.

Once again, Maine Central Institute in Pittsfield, Maine was the base of operations. Pittsfield was kind of a purgatory in that it was somewhere between an isolated wilderness community and a big city — it didn’t provide us with that camping—type atmosphere or a wild night life either. Nevertheless, it was to be our home for the next six weeks. After a few days the excitement that goes along with being in a new place wore off and it was back to a routine.

The first few, but seemingly endless, days were spent inside getting oriented and learning some basic principles we would apply in the field. On our initial outing we were introduced to the infamous "plots". This was an area just outside of Pittsfield where we did most of our general field work. It was divided into three distinct habitat types, the Old Field, the Coniferous Forest, and the Hardwood Forest. Vegetative sampling techniques and mosquito swatting were the dominant activities in the plots although the latter was not in Dr. May’s “game plan”. This year Dr. May had a very competent assistant in Russ McCullough who was a great help in the field exercises.

Needless to say, the “routine” was interrupted quite often by several field trips. These included excursions to Acadia National Park where the park superintendent talked of the problems involved and situations encountered in public park management, as well as trips to the Spencer Pond area, Swan Island, the Darling Center, Green Lake Fish Hatchery, Merrymeeting Bay and Frye Mountain. At Spencer Pond we were informed about a couple of graduate projects concerning the effects of forest cutting on the habits and habitats of pine marten and moose. At Swan Island, Merrymeeting Bay and Frye Mountain state biologists discussed with us the problem and activities occurring with deer, waterfowl and grouse respectively in their particular area. They also answered questions about their everyday work and general philosophies which concerned us in our anticipation of future employment (or unemployment). A rather frequent question was: “Where are the jobs in wildlife?” (Answer withheld). The Darling Center trip included a general tour of the facilities as well as the exploration of a nearby intertidal area. Al Meister of the Atlantic Salmon Commission hosted our tour of Green Lake Fish Hatchery which should provide an added boost to the already improving Atlantic salmon fishery on the Penobscot as well as other rivers in the state.

Several speakers took time out from their busy schedules to talk with us. These people included Max McCormick of the Cooperative Forestry Research Unit, Matt Scott from D.E.P., Bob Megenic from S.C.S., Ken Stratton from L.U.R.C., and Director Knight. Other activities included population statistics with Dr. Gilbert, brood census, woodcock, and Dickey bird censusing with Dr. Owen, and a “day” in the field with Dr. Coulter. We will never forget that day with Dr. Coulter. He has such knowledge and presence in the field that he was able to compress a week’s worth of knowledge into a single day. One of the highlights of his visit occurred in the middle of a discussion of various plant species found in or near a marsh. He calmly bent over and plucked a four leaf clover and displayed it as if it was just another weed. A few of us wondered if he had scouted the place out in advance, but we kept our suspicions to ourselves.

Some of the most educational experiences of summer camp aside from all the field trips, speakers and exercises, were the general day to day associations we had with fellow students. Although we were all in Wildlife, we each had unique ideas, philosophies, and specific goals. The exchange of these various viewpoints between students was helpful in solidifying each individual’s view of their future in the profession. Then, of course, there were the trips for ice cream, the parties, the bowling alley and “kegball” games which perhaps did much to help us forget the future altogether... at least temporarily. From this conglomeration of activities we learned quite a bit about wildlife and wildlifers at Summer Camp 1978.
JUNIORS

D-TAPE, PLEASE...
We are now three quarters of our way through our college careers. The final options have been decided and our futures are set and on course. A sudden panic is upon us as graduation is almost in sight.

We survived our respective summer camps. The two major topics of conversation at camp were the psychological effects of bugs and the sighting of moose. "Sven Killdozer" was cursed many a time for his antics. The fine art of falling asleep during lectures, on bus rides and even standing in the field was refined to perfection. Nevertheless, between the lectures and various field experiences we got a definite feel for the woods which some of us desperately needed.

In our junior year, as we leave our introductory courses behind us, our classes at Nutting become more frequent. 100N is our home away from home. Due to Silvics our nights are filled with fear of ferocious phytographs, armies of definitions, and the infamous piney woods hog. In addition, we now know there is a difference between bugs and insects, dirt and soil.

Our junior year has put us one step closer to the real world. Looking back on "all nighters" and excruciating prelims will probably not bring back the fondest memories of this past year. Yet, it has contributed to our preparation as future wildlifers and foresters. Hang on folks — we are almost there.
SENIORS

OUT!
Well, here we are — seniors in our last semester. This will be the end of formal studies for many of us, while it is only the last step before graduate work for others. Still others of us will return for another semester to tie up those loose ends.

This is a time for reflecting on our past and realizing what it has done to prepare us for our future. We all recall times when we felt joy and times we felt despair; some tough moments and some not so tough.

Hopefully our thoughts of past studies will enlighten our outlooks on tomorrow. We are a very educated group of individuals. Together, we have been exposed to a vast amount of information, and each of us has either accepted or rejected the concepts we have been taught.

You may wonder what this whole rigorous program has been worth. Its worth is immeasurable and its whole value has been left open for us to take or leave as we have pleased. Now it is up to us to take our knowledge, our skills, our values and our opinions and apply them logically and responsibly in order to manage our environment and provide the world with whatever products, pleasures, and pasttimes that will be in the best interest for everyone.

It will be a difficult task. However, coming from the finest forestry school in the nation, we can and will be equal to the task. But we cannot rest on our laurels. We must continue to seek knowledge; to use all available resources. There can always be a better way to perform each task and we need to constantly improve our methods.

May Good Luck befall us all as we seek the employment that will enable each of us to have a part in managing our forest resources.
Forestry Seniors

MARC ALBERT
Winslow, Maine
Forest Management Major

MICHAEL R. AMOROSO
Portland, Maine
Forestry General Major

DAVID J. ANDREWS
Forest Utilization Major

PETER STEVEN BALDI
Melrose, Massachusetts
Forestry General Major
Off-Campus Senator,
Intramural representative,
Wildlife Society

THOMAS JAY BARKER
Auburn, Maine
Forest Management Major
Forestry Club
Intramural Sports

GREGORY JOHN BARROWS
Portland, Maine
Forest Management Major
Forestry Club, Society of American Foresters (vice-chairman), Sigma Alpha Epsilon Fraternity (vice-president, eminent warden)

MICHAEL RAYMOND BERUBE
Winthrop, Maine
Forest Management Major
Xi Sigma Pi, Forestry Club, Pulp and Paper Foundation

CHRISTOPHER J. BIERMANN
Wood Technology Major

MICHAEL R. BLAKEMAN
Amberst, New Hampshire
Forestry General Major

ADRIAN BOUCHARD
Belfast, Maine
Forest Utilization Major
Forest Products Research Soc.
Society of American Foresters
Forestry Club

CARL C. BRANDOW
Bangor, Maine
Forest Management Major

GERARD M. BRUCIA
Somerville, New Jersey
Forest Utilization Major
Forest Products Research Soc.
(Chap. chairman 1978-79)
Xi Sigma Pi, Alpha Zeta,
Maine Hardwood Assn. Award 1978

PHILIP ANTHONY BRYCE
Princeton, New Jersey
Forest Management Major
Student Chapter, Society of American Foresters; Forestry Club, President Phi Gamma Delta

RICHARD D. CAIRNS
Franklin, Massachusetts
Forest Management Major
Xi Sigma Pi
Forestry Club

JOHN L. CASHIN
Newburgh, New York
Forest Management Major
Xi Sigma Pi

MARTA LYNN CHRISTENSEN
Pacific Palisades, California
Forest Management Major
SAF, Xi Sigma Pi

ROBERT J. COEN, JR.
Forestry General Major

RICHARD DAVID COLLINS
South Hadley, Massachusetts
Forest General Major
Skiing, Hiking, Soccer

PETER J. CUFF
Randolph, Massachusetts
Forest Management Major
SAF, FORTEC, MOC

DAVID G. DAVIDSON
Mt. Tabor, New Jersey
Forest Utilization Major
Society of American Foresters
Forest Products Research Soc.
Intramural Sports

GREGORY F. DEBLOIS
Forest Management Major

BETH DEHAAS
Orono, Maine
Forest Management Major
Forestry Club, SAF, Xi Sigma Pi, Maine Woodsmen’s Team, Inter-Varsity Christian Fellowship, Editor of The Maine Forester

RUSSELL EARL DINGLE
Holden, Massachusetts
Forestry General Major

FREDERICK WILLIAM DOANE
Castine, Maine
Wood Technology Major
Maine Varsity Sailing Team

MICHAEL DUQUESNOY
Brunswick, Maine
Forest Management Major
Forestry Club
President, Fortec Club

IVYANN ELFRING
Yarmouth, Maine
Forestry General Major
President, Alpha Gamma Rho Little Sisters; President, Inter-Dorm Board; V.P., York Complex; V.P. York Hall; Forestry Club; Exec. Council, General Student Senate

BRUCE MAYNARD EMERY
Montvale, New Jersey
Forest Utilization Major

MARK RALEIGH FOLSOM
Enfield, Connecticut
Forest Utilization Major
Intramurals, Forest Products Research Soc., Delta Tau Delta Fraternity

ROBERT J. COEN, JR.
Forestry General Major

RICHARD K. ESKELUND
Waterville, Maine
Forest Utilization Major

MARK RALPH FOLSOM
Enfield, Connecticut
Forest Utilization Major

RICHARD K. ESKELUND
Waterville, Maine
Forest Utilization Major

WILLIAM A. FREY
Forest Management Major

CHARLES J. GADZIK
Springfield, Connecticut
Forest Management Major

LAWRENCE RUDOLPH GERING
Lambertville, New Jersey
Forest Management Major
Forestry Club, SAF, Maine Forester; Darkroom/photographer

JOHN GRENA
Youngstown, Ohio
Forest Management Major
Forestry Club
Maine Forester

SUSANNE C. HACKER
Yarmouth, Maine
Forest Management Major
Forestry Club (Treasurer)
E.A.C., SAF
Xi Sigma Pi
CAROL JEANNE HAVENS
Longmeadow, Massachusetts
Forest Management Major
Forestry Club, Sec.-Treas., SAF, Chairman
Xi Sigma Pi
LSA Advisory Committee
Intervarsity Christian Fellowship

KURT LEE HAYDEN
Greenwich, Connecticut
Forestry General Major
Varsity Ski Team
Forestry Club

JOSEPH LOUIS HAYDUKIWECZ, JR.
Bangor, Maine
Forestry General Major

PAUL H. HICKEY
Owego, New York
Forest Management Major
SAF

CHARLES HULSEY
Gorham, Maine
Forestry/Wildlife Major

NANCY IWANICKI
Niantic, Connecticut
Forest Management Major

RICHARD C. JANDREAU
Fort Kent, Maine
Forest Management Major
SAF — Student Chapter

DONNA A. JOHNSON
Scarborough, Maine
Forest Management Major
Forest Club

THOMAS R. KASS
Cary, Illinois
Forest Management Major
Student Chapter, SAF
Woodsmen’s Team
University Woods Worker
Forestry Club

RAYMOND KOLESER
Forest Management Major

FRANCIS BRENDON LAWLER
Forest Management Major

PETER E. LINEHAN
Lewiston, Maine
Forest Utilization Major

RICHARD LOFFREDO
Goshen, New York
Forestry General Major
President, Delta Tau Delta Fraternity;
Student Chapter, SAF

ELI LOWELL
Wood Technology Major

WALTER LUEKEN
Attleboro, Massachusetts
Forest Management Major

TIMOTHY LUKAS
Forestry/Wildlife Major

SLAN P. MAGUIRE
Wiscasset, Maine
Forest Management Major

KIMBERLEY JEAN MAKER
Jonesboro, Maine
Forestry General Major
Forestry Club
Woodsmen’s Team

MATTHEW J. MANKE
Forestry General Major

MICHAEL P. MASON
Forest Management Major

DENNIS M. MAY
Sanford, Maine
Forest Management Major
SAF, Forestry Club
Wildlife Society
Karatê

REGINA MCCOMBS
Jersey City, New Jersey
Forestry General Major
Forestry Club
Newman Center, Parish Council

JOHN ALAN MEEHAN
North Yarmouth, Maine
Forest Utilization Major
Phi Kappa Phi Honor Soc.
SAF, PTL Club

ROBERT E. MERRILL
Rockland, Maine
Forestry General Major
Maine Outing Club
Forestry Club
SAF, Xi Sigma Pi

RAYMOND “SCOTT” MILLER
Warren, Pennsylvania
Forest Management Major

RACHEL ANNE MORRILL
Livermore Falls, Maine
Forestry General Major
Xi Sigma Pi

LISA MYERS
Dorchester, Massachusetts
Forest Management Major
Forestry Club Committee

JOEL BRIAN OLIVER
Haynesville, Maine
Forest Management Major
Forestry Club

DAWN M. PETERS
Wood Technology Major

ALEXANDER P. PROHODSKI
Needham, Massachusetts
Wood Technology Major
Forest Products Research Soc.
Xi Sigma Pi, Ranger
Pulp & Paper Foundation

WILLIAM L. PROVOST, JR.
Putnam, Connecticut
Wood Technology Major
Student Advisory Committee
Academic Affairs Committee
Forest Products Research Soc.

WILLIAM BIGNEY RATHBONE, JR.
Putnam, Connecticut
Forestry General Major

MICHAEL L. RIVARD
Sanford, Maine
Forest Utilization Major

JAMES D. ROBBINS
Blandford, Massachusetts
Forestry General Major
Delta Tau Delta Fraternity
Scuba Club, Rugby Club
Student Member, SAF
Wildlife Seniors

R. Bradford Allen
South Harpswell, Maine
Wildlife Management Major
Xi Sigma Pi
Wildlife Society-Treasurer

Jay Matthew Barber
Veazie, Maine
Wildlife Management Major
Student Chapter-Wildlife Soc.
Environmental Awareness
Comm.-Chairman; karate

David Boschetti
Wildlife Management Major

Steven K. Byrnes
Wildlife Management Major

Melissa Cary
Falmouth, Maine
Wildlife Management Major
UMO Wildlife Society, EAC, Fir & Feathers (Asst. Editor), Horseback Riding, Jogging

John S. Coleman
Wildlife Ecology Major

Robert M. Cyr
Saco, Maine
Wildlife Management Major
Alpha Gamma Rho Fraternity
Intramurals
Wildlife Society, EAC

Patricia Lynn Davis
Westmore, Vermont
Wildlife Biology Major
Women’s Woodsmen’s Team, (Captain Soph. Year); National Wildlife Society, (student chapter); Publicity Co-chairman for TWS; Paper Recycling Organization; Canada-Year Exchange Student

John Richard Dykstra
Orono, Maine
Wildlife Management Major
Student Chapter of Wildlife Society (Vice-President 1978-79), Environmental Awareness Committee, UMO Varsity Rifle Team
Clemon W. Fay  
Eatontown, New Jersey  
Wildlife Management Major  
Wildlife Society, Award for High  
Academic Achievement, Tutoring  
general sciences, zoology for Onward  
Bound, Member National Wildlife Fed.

Gary Allen Ferraro  
Hamden, Connecticut  
Wildlife Management Major  
Dean's Student Advisory Comm.-  
Wildlife Representative, The Wildlife  
Society (President 1978-79)  
Environmental Awareness Committee.

Mary Perin Hall  
Brookline, New Hampshire  
Wildlife Ecology Major  
EAC, Wildlife Society, Publicity  
Committee, Women's Woodsmen's  
Team, Forestry Club, Wildlife Conclave  
Quiz Bowl Team, Inter-Varsity Christian  
Fellowship

Lee A. Helgerson  
Wildlife Management Major

Gary Steven Kania  
Marlborough, Connecticut  
Wildlife Management Major  
Wildlife Society  
Xi Sigma Pi

Peter E. Laflamme  
Brattleboro, Vermont  
Wildlife Management Major  
Varsity Baseball  
The Wildlife Society

Barbara Marshall  
Dedham, Massachusetts  
Wildlife Management Major  
The Wildlife Society Student Chapter,  
Environmental Awareness  
Committee-Vice Chairman, Cross  
country skiing, Phi Kappa Phi

Carol Ann Reid  
Wildlife General Major

Dorothy Ann Roberts  
Bangor, Maine  
Wildlife General Major  
Wildlife Society Environmental  
Awareness Comm.  
Intramural Volleyball, Softball, and  
Broomball, Intramural Athletics  
Association Representative

Joyce Diane Rounds  
Taunton, Massachusetts  
Wildlife Ecology Major  
The Wildlife Society  
Inter-Varsity Christian Fellowship  
Xi Sigma Pi

Tina L. Schmidt  
Wildlife Ecology Major

Matt Schweisberg  
South Huntington, New York  
Wildlife Management Major  
Student Chapter-The Wildlife Society  
Environmental Awareness Comm.  
Alpha Zeta  
Student Alumni Assoc.

James A. Smoragiewicz  
East Hartford, Connecticut  
Wildlife Management Major  
Varsity Swim Team  
Wildlife Society  
Dorm Activities

Sandra E. Staples  
Marshfield, Massachusetts  
Wildlife Management Major  
The Wildlife Society-Secretary 1978-79,  
Environmental Awareness  
Committee-vice chairman 1977-78

Susan Carol Svirsky  
Osterville, Massachusetts  
Wildlife Biology Major  
Secretary, Wildlife Society  
EAC, Editor of Fir & Feathers

John S. Swett  
Wildlife Management Major

James Alan Wescott  
South Windham, Maine  
Wildlife Management Major  
Environmental Awareness Committee  
Senior Challenge

Gregory Scott Willett  
Rockland, Maine  
Wildlife Ecology Major

Leonard S. Young  
Wildlife Ecology Major

Gary Edward Zima  
Orono, Maine  
Wildlife Management Major  
Maine Student Chapter, Wildlife Society;  
The Wildlife Society; National Wildlife  
Society; Environmental Awareness  
Committee; Co-President of UMO  
Kayaking Club; Alpha Gamma Rho  
Fraternity; Registered Professional  
Taxidermist, Hunting Fishing, Trapping  
and Bird Dog Trainer
Forest Engineering Seniors

STEFANIE ANNE BABIN
Peter D. Chase
South China, Maine
ROBERT M. COWDRICK, JR.
Allentown, Pennsylvania
Xi Sigma Pi
ASAE

CHARLES M. CROWELL, JR.
Portland, Maine
Xi Sigma Pi-Assoc. Forester
Forestry Club, SAF
MAFEA, JV Soccer,
Phi Kappa Phi
Tau Beta Pi

LOUANNE DODGE
Portland, Maine
Varsity Swim Team-Captain
SWE, Honors Program

JOHN J. ESPOSITO
Portland, Maine
STEVEN P. HOLT

John M. Jones
Caribou, Maine
Darrell H. Ketch
Caribou, Maine
Xi Sigma Pi
Forestry Club
SAF, Tau Beta Pi,
MAFEA, ASAE

Patrick K. Lyneis
Raymond Maubey
Bruce Clay McKnight
Holden, Massachusetts
Outing Club
Lacrosse Club
Society of American Foresters
Maine Agricultural & Forest
Engineering Society

Paul Mitnik
East Haven, Connecticut

Robert Kent Murphy
Canton, Connecticut

EREIC O. OLSEN

Peter Pinette
Fort Kent, Maine
National Ski Patrol
Edmundston Scuba Club
Rugby Football Club
Hunting, Fishing, Swimming, Water Skiing, X-Country Skiing
Xi Sigma Pi

ALAN STARBRID
Dunstable, Massachusetts
Society of American Foresters
MAFEA (Maine Agricultural & Forest Engineering Society)
Volleyball Club-President

DAVID STRANGE
Stockholm, Maine
Forestry Club, Dormitory Representative, Vice President & President Stodder Hall 1DB member, Stodder Complex Board

Christopher Thompson

Recreation and Park Management Seniors

PAULETTE BERUBE
John D. Bolster
Terri P. Carter
Patricia Ellis
South Brewer, Maine
Ann M. Fitzsimmons

Scott Edward Fernwalt

Robert Gierie, Jr.
Springvale, Maine
Kenneth Hanscom
Orrington, Maine
Shannon N. Harris
Karen E. Loh
David R. Makowicki
Robert P. McLaughlin, Jr.
Southwest Harbor, Maine

Wayne P. Penley
Auburn, Maine

Thomas Piffath
Augusta, Maine

Steven P. Ross
South Portland, Maine
Michael Austin Roy
Van Buren, Maine

Michael D. Schlier

Daniel Staskiewcz

Natural Resource Management Seniors

Wayne Dewall

Thomas Nelson Keahon

Franklin Stanley Wezner

65
Recipient of the Robert I. Ashman Award

The Robert I. Ashman Award is presented annually to the senior in the School of Forest Resources who most nearly represents the character, judgement, scholarly attributes, and devotion to the profession of forestry and to the welfare of his students and colleagues as portrayed by Professor Robert I. Ashman.

A University of Maine at Orono, School of Forest Resources senior, Carol J. Havens of Longmeadow, Massachusetts, has been named the 1978-79 Robert I. Ashman Student.

Miss Havens is majoring in Forest Management. She is presently chairman of the Maine Student Chapter of the Society of American Foresters and is active in the Forestry Club and the Intervarsity Christian Fellowship. She is also a member of Xi Sigma Pi, a national honorary forestry society and has been the recipient of the Harold Worthen Forest Management Award.

Recipients of the Dwight B. Demeritt Award

The Dwight B. Demeritt Award honors the late Dwight B. Demeritt of Orono who was head of the Forestry Department from 1934 to 1946. This scholarship is awarded to a senior majoring in a professional curriculum in the School of Forest Resources who in the opinion of the faculty is "academically able, has good personality and character and has good leadership qualities."

Two University of Maine at Orono Students in the School of Forest Resources are the 1978-79 recipients of the Dwight B. Demeritt Award. Sandra E. Staples, a Wildlife Management senior, and Leonard S. Young, senior in Wildlife Ecology and Zoology, will share the award.

Miss Staples is from Marshfield, Massachusetts. She is secretary of the Maine Student Chapter of the Wildlife Society and a past co-chairman of the Environmental Awareness Committee. This past summer, she was employed by the U.S. Fish and Wildlife Service working on migratory bird research.

Mr. Young is from Andover, Massachusetts. He is in the University Honors Program and a member of several organizations. Some of these are Senior Skulls, the Maine Student Chapter of the Wildlife Society, the Environmental Awareness Committee, the Maine Audubon Society, and the National Audubon Society. He was also a member of the championship Maine Wildlife Bowl team which competed with other teams from throughout the eastern U.S. on their knowledge of wildlife.
GRADUATE
STUDENTS
Forestry M.S. Candidates

DANIEL EDWARD BOSS  
Old Town, Maine  
B.A., Univ. of West Australia, 1969  
M.S., Dalhousie Univ., 1972

DAVID JAMES BROOKS  
Dover-Foxcroft, Maine  
B.A., Trinity College, Religion and Philosophy, 1971  
Thesis: The Potential for Producing Charcoal for Domestic Space Heating fuel from Low-Grade Maine Hardwoods.

FRANK JAMES CONLON  
Orono, Maine  
B.S., Univ. of Maine at Orono, Forest Management, 1975  
Thesis: Analysis of growth response in released White, Black and Red spruce and Balsam fir in Maine

MARK B. DAVID  
Warminster, Pa.  
B.S., Penn State Univ., 1978  
Thesis: The Effects of Spraying Sewage Effluent on Forested Lands in Maine

JAMES H. DEGENNARO  
Cleveland, TN  
BSFR, University of Georgia, 1977

DAVID T. EDSON  
Veazie, Maine  
B.A., Harvard College, 1970  
Thesis: Incentive Programs and the Small Woodlot Owner

DAVID C. HAAG  
Middletown, New Jersey  
B.S., Cook College, 1978  
Thesis: Relationship between growth and site index of even-aged spruce for stands in Eastern Maine to site factors

GREGORY B. HOMAN  
Pittsburgh, Pa.  
BSF, West Virginia Univ., 1978

DUANE F. HUFFORD  
Orono, Maine  
B.S., University of Maine at Orono, 1977  
Thesis: Simulating the effect of operating decisions on the growth and yield of stands through use of interactive computer programs

KEVIN W. KENLAN  
Bangor, Maine  
B.A., Middlebury College, Biology  
Thesis: Genetic Selection in Black Spruce

ALAN JEFFREY KIMBALL  
Higganum, Connecticut  
Colby College 1967-1969. Transferred to Univ. of Maine  
Univ. of Maine 1969-1972 B.S. Wildlife Management  
Thesis: History and Condition of an Old-Field White Pine Stand in Central Maine

JAMIE MARGARET LESCURE  
Orono, Maine  
B.S., Bowdoin College, Psychology, 1974  
Thesis: Forest Recreation

MARK D. McDERMOTT  
Madawaska, Maine  
Univ. of Maine, B.S. Forestry, 1978

EDWARD A. MINEROWICZ  
Veazie, Maine  
B.S., Richard Stockton St. College  
Environmental Studies, 1978

MUSILIU ADE ONILUDE  
Nigeria  
Advanced Diploma in Timber Management  
Bucks College of Higher Education  
Thesis: The study of the influence of preservatives incorporation on the properties of lower density mixed hardwood flakeboard manufacture for exterior application and its effectiveness against fungi and insect attack.

WILLIAM WALKER PHILLIPS  
Bangor, Maine  
B.S., Physics, 1969, Vanderbilt Univ. 
Thesis: A Computer Mapping and Information System

STEVEN RESH  
Bangor, Maine  
B.S., Penn State, Forest Science, 1974  
Thesis: Red Maple Utilization

EDWIN A. ROSS  
Bangor, Maine  
B.S., West Chester State College, Chemistry-Biology, 1976  
Thesis: Establishing mixed Plantations of White Pine and Various Shading Species for Weeviling Studies

ROBERT C. ROUKE  
Orono, Maine  
B.S., Univ. of Maine at Orono, Forestry, 1978  
Thesis: Evaluation of the Properties of Wood Structural Composite Panels

HARVEY M. SCHILTZ  
Auburn, Massachusetts  
Univ. of Massachusetts, B.S. Forestry, 1975  
Thesis: Growth and Yield of Evenaged Spruce-Fir Stands in Eastern Maine, as Influenced by Age, Site Index and Stand Density.
BRIAN J. STANTON  
Springfield, Pa.  
B.A., West Chester State College, Biology, 1975  
Thesis: Comparison of plus-tree selection methods in White birch (Betula papyrifera)

RONALD B. TEBBETTS  
Brewer, Maine  
B.S., Louisiana State University at Baton Rouge, La., Forest Mgt., 1976  
Thesis: Analysis of Genetic Variation between and within stands of the Ottawa River Valley White Spruce Provenance (with recommendations for the establishment of a seedling seed orchard) or: In search of the elusive root collar!

BRIAN K. VLACH  
Amherst, Mass.  
B.S., Univ. of Mass., Wood Tech, 1977  
Thesis: An evaluation of properties of composite plywood made with aspen flakes

DAVID A. WILHELM  
Spartanburg, SC  
B.S.F., West Virginia University, 1978  
Thesis: Spruce-Fir Regeneration After Busworm Attack

Wildlife M.S. Candidates

WALTER H. BAZAN  
Cajamarca, Peru  
B.S. in Biology, National Univ. of Trujillo, 1971  
Thesis: The status of wildlife resources in Cajamarca, Peru and possible management approaches.

James A. Buttitta  
Piscataway, NJ  
B.S., Rutgers University, Natural Resources Administration, 1977  
Thesis: Effects of Highway Construction Activities on the Birds and Mammals of Northern Maine

Barrett A. Christenson  
Garden Grove, Ca.  
B.S., Humboldt St. University, Wildlife, 1974

Mary B. Parks  
Old Town, Maine  
B.A., Wake Forest University, Biology, 1974  
Thesis: Growth and Behavior of Captive Eastern Coyote Pups

Barrett A. Christenson  
Garden Grove, Ca.  
B.S., Humboldt St. University, Wildlife, 1974

Mary B. Parks  
Old Town, Maine  
B.A., Wake Forest University, Biology, 1974  
Thesis: Growth and Behavior of Captive Eastern Coyote Pups

Jonas Hedberg  
Perstorp, Sweden  
B.S.C.F. University of Stockholm, 1977  
Thesis: Distribution and Habitat Requirements of Spruce Grouse in Maine

Michael W. Tome  
Meadville, Pa.  
B.S., Pennsylvania State University, Forest Science, 1978  
Thesis: Reproductive Bioenergetics of Female Ruddy Ducks

Robert J. Wengrzynek  
Orono, Maine  
Univ. of Maine, B.S., Wildlife Management, 1973
MARVIN W. BLUMENSTOCK
Old Town, Maine
B.S., Rutgers University, Agr. Sci., 1955
M.S., Yale University, Forestry, 1957
MBA, Univ. of Maine, 1977

Djalma Miller Chaves
Belem, Para, Brazil
Amazon Agriculture School, B.S., 1965
Univ. of Maine, M.S., Agronomy, 1969

WAYNE N. DIXON
Old Town, Maine
B.S., Univ. of Maine, Orono, Biology, 1973
M.S., Texas A&M Univ., Entomology, 1976
Thesis: Life tables of the White Pine Weevil, Pissodes strobi (Peck), in Maine

Ivan Joseph Fernandez
Orono, Maine
Hartwick College, B.A., Biology, 1975
Univ. of Maine, M.S., Soils, 1978
Thesis: A study of potassium uptake by Jack Pine (Pinus Banksiana Lamb.) as a function of Quantity-Intensity Parameters and potassium behavior in two forest soils of Maine.

Craig Robert Ferris
Webster, New York
Cornell Univ., B.S., Wildlife, June 1972
West Virginia Univ., M.S., Wildlife, August 1974
Thesis: Effects Of Interstate 95 On Songbirds And White-Tailed Deer In Northern Maine

James Michael Kienzler
Baltimore, Maryland
Univ. of Maryland, B.S., Conservation, June 1969
Univ. of West Virginia, M.S., Wildlife, Sept. 1971
Thesis: Food Chain Analysis Of An Old Meadow In South Central Maine

Jay Harvey Krall
Lebanon, Pennsylvania
B.S. Lafayette College 1974
M.S. Univ. of Maine 1977
Thesis: The Predation Of Litter — Dwelling Carabidae On Larvae Of The Spruce Budworm

William D. Lilley
Orono, Maine
B.S., Univ. of Maine, Forestry, 1970
M.S., Univ. of Maine, Forestry, 1975

Roger W. Monthey
Verona, Wisconsin
Univ. of Wisconsin, Madison, B.S., Wildlife Ecology, 1972
Univ. of Wisconsin, Madison, M.S., Water Resources Management, 1974

Kenneth J. Reinecke
Orono, Maine
Ripon College, Wisconsin, A.B., 1970
Thesis: The Role of Aquatic Invertebrates and Energy Reserves in Black Duck Reproduction

James K. Ringleman
Redwood City, Ca.
B.S., California State University, Fresno, 1975
M.S., South Dakota State University, 1977
Thesis: Characteristics and Selection of Breeding Habitats by Black Ducks in Maine

Thomas Saviello
Veazie, Maine
Univ. of Tennessee, B.S., Forestry, 1972
Univ. of Maine, M.S., Agronomy, 1974
Thesis: Soils and Topographical Factors Contributing to the Fragility of the Sugarloaf Mountain Ecosystem

Milton Donald Seekins (Bill)
Brewer, Maine
Bowdoin College, B.A. (Economics) 1971
Univ. of Mass. (Amherst), M.S. (Nat. Res. Econ.) 1975
Thesis: Recreation Benefits for Users of North Maine Woods

Greg F. Sepik
Orono, Maine
Westminster College, B.S., Forestry, 1971
West Virginia Univ., M.S., Wildlife, 1975

Charles Tattersall Smith, Jr.
Old Town, Maine
B.A., Univ. of Virginia, Economics, 1972
M.S., Univ. of Vermont, Forestry, 1978
Thesis Topic: Organic matter debris Distribution/redistribution following harvesting

Dale Solomon
Hermon, Maine
Pennsylvania State Univ., B.S., Forestry, 1961
Yale Univ., M.S., Forestry, 1962
Thesis: Individual Tree Growth and Development of Red Spruce as Related to Tree Characteristics and Competition.

Edward Charles Soutiere
Winoski, Vermont
B.S. in Forestry, Univ. of Vermont, 1970
M.S., Texas Tech Univ., 1974

Richard W. Titterington
West Kingston, R.I.
B.S., University of Rhode Island, Resource Development, 1974

Terrence L. Wagner
Niagara Falls, N.Y.
Wesleyan College, B.S., Biology, 1970
Univ. of Michigan, B.S., Forestry, 1971
Univ. of Michigan, M.S., Forest Entomology, 1974
Thesis: Population Ecology of the Satin Moth (Stilpnotia salicis L.)