

# Graduate Students



# CONFOR '92 AT UMAINE

The College of Forest Resources and the Association of Graduate Students co-sponsored the Eighth Annual Graduate Student Conference on Forest, Environmental and Wildlife Sciences over the weekend of February 14 to 16 in Albert D. Nutting Hall at the University of Maine. The CONFOR series of conferences are alternately hosted by universities in the northeastern United States and eastern Canada. The first CONFOR conference was hosted by UMaine in 1984.

This year's CONFOR included 45 participants from the Universities of Maine, New Brunswick, Toronto and Laval. Thirty participants presented portions of their graduate work which encompassed a wide range of forest resource disciplines. Research topics presented included: forest management, silviculture, entomology, pathology, tree physiology, economics, recreation, harvesting, utilization, genetics, and wildlife.

Dr. Maxwell McCormack Jr., Research Professor with the Cooperative Forestry Research Unit, addressed the group following the banquet. He stressed the importance of international and interdisciplinary cooperation in resolving current and future land use conflicts.

## ORGANIZING COMMITTEE

Peter Linehan, Chair  
Daniel Gilmore, Vice-Chair  
David Fournier, Secretary/Treasurer  
Throstur Eysteinnsson, Publications  
Hugo Volkaert, Logo Design  
Jinye Li, Logistics  
Joe Pitcheralle, Logistics



# GRADUATE STUDENTS



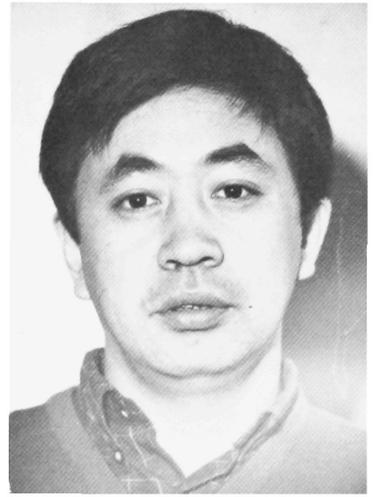
**JANET CHRSTRUP**  
M.Sc.F, University of Toronto, '91  
Ph.D. Forestry



**HARRY DWYER**  
B.S. Agricultural and Resources Economics,  
University of Maine Orono, '79  
Independent Logging Contractors in Western  
Maine  
M.S. Forestry



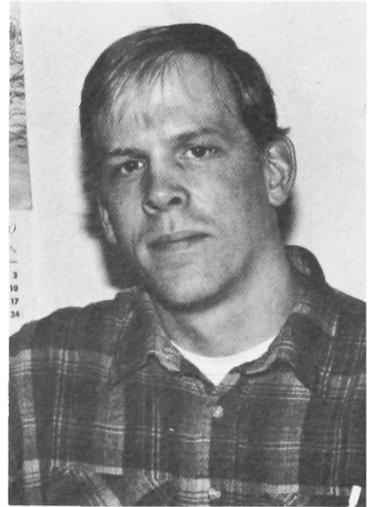
**THROSTUR EYSTEINSSON**  
B.S. Biology, Univ. Of Iceland '81  
M.S. Forestry Univ.  
Accelerated Breeding of Larch  
Ph.D Forest Resources



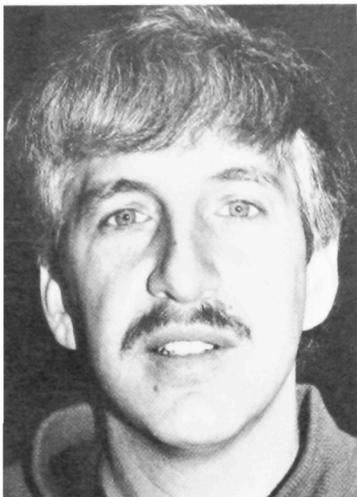
**HAN FENG**  
M.S. Peking Union Medical College, '88  
Ph.D.



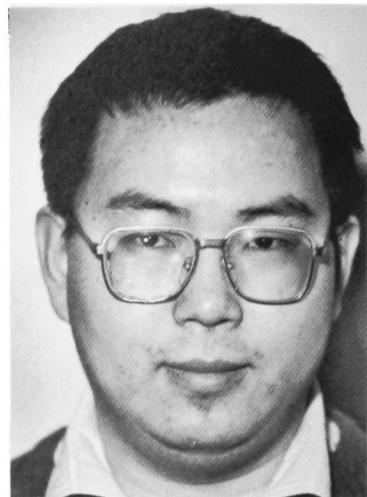
**DAVID P. FOURNIER**  
B.S. Forestry, University of Maine '88  
Effects of Forest Resource Education on  
Economics in the Francophone Caribbean  
M.F. International Forestry



**DANIEL W. GILMORE**  
B.S. S.U.N.Y., Empire State College '88  
Soil-Site Relationships for European Larch  
Plantations in Maine.  
M.S. Forestry



**JEFF HOWE**  
 B.S. Biology, Bates College, '75  
 Formulation of Forest Products Marketing  
 Strategies for  
 Community & Industry Development.  
 M.S. Forestry



**YANRUO HUANG**  
 M.S. Northeastern Forestry University, PRC '85  
 Evaluating Japanese Larch Seedling Quality  
 and its Genetic Variation.  
 Ph.D.



**JIAN JIANHUA**  
 M.S. Beijing Forestry University '89  
 Root Cold Hardiness of Conifer Seedlings  
 Ph.D.



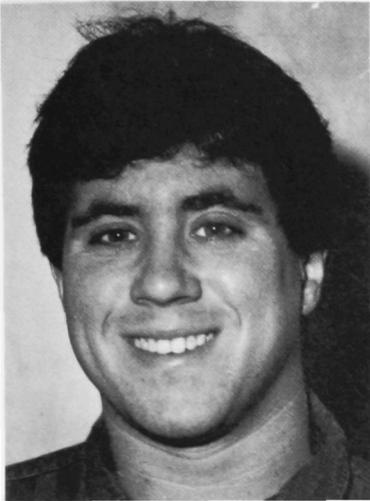
**DONALD D. KATNIK**  
 Wildlife Ecology, University Wisconsin, Madison  
 Spatial Use, Territoriality, and Habitat Use of  
 Martens in Maine.  
 M.S.



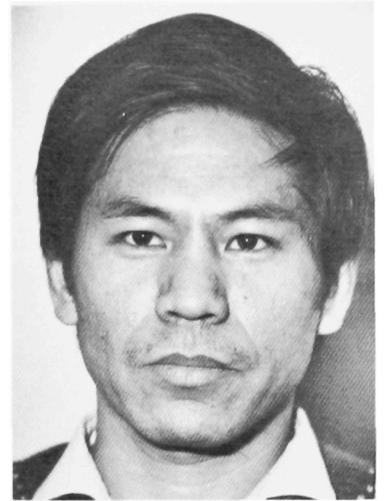
**DANIEL H. KUSNIERZ**  
 B.S. Wildlife Biology, University of Vermont  
 The Breeding Ecology of Greater Scaup in the  
 Saint John River Valley, New Brunswick.  
 M.S.



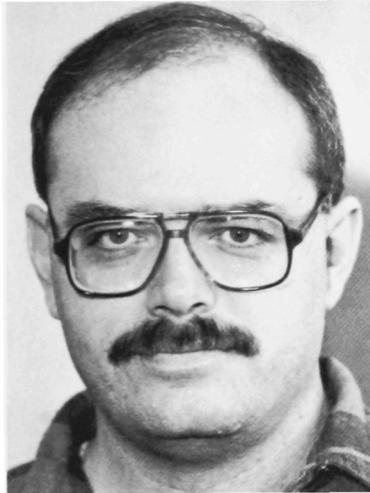
**RAYMOND A. LAMBERTSON**  
 B.S. Wildlife Management, U Maine '86  
 Forest Practice Legislation in the United States.  
 M.S. Forestry.



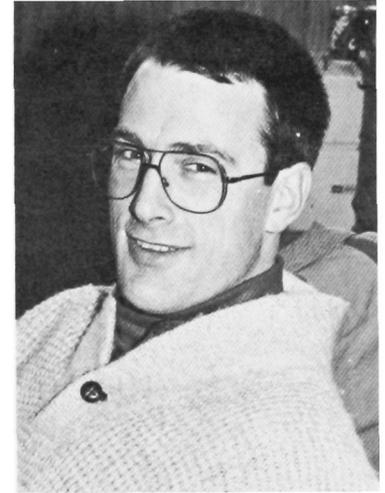
**MARK LaPOINTE**  
B.S. Forestry, Timber Utilization  
Biobleaching Using Siderophore Isolated From  
Fungi.  
M.S.



**JINYE LI**  
M.S. ENG N.E. Forestry University, P.R.E.  
GIS Applications and Development, Harvesting  
Scheduling, Production Analysis.  
Ph.D.



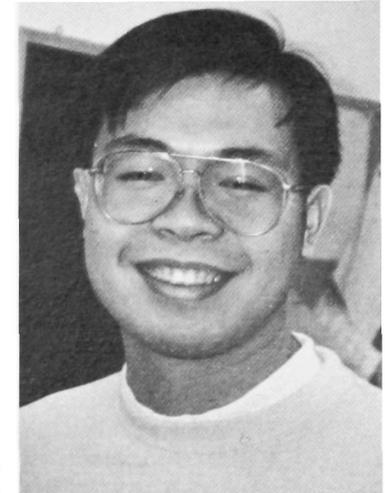
**PETER LINEHAN**  
B.S. Forest Utilization, U Maine '79,  
M.S. Forestry, U Maine '89  
Developing an Expert System for Determining  
Operability of Forest Lands for Timber  
Harvesting.  
Ph.D. Forest Resources



**SKIP LISLE**  
Geography, Plymouth State College  
Influence of Beaver on the Landscape of South-  
Central Maine (1939 - Present).  
M.S.



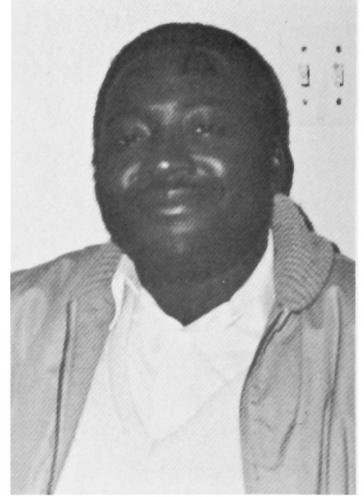
**JING LIU**  
M.S. Iowa State University, '88  
Stimulating Volatile Preservative Movement  
in Spruce Poles.  
Ph.D. Forest Resources



**WAY LONG**  
B.S. Pingtung Poly. Institute '89  
M.S. Forestry



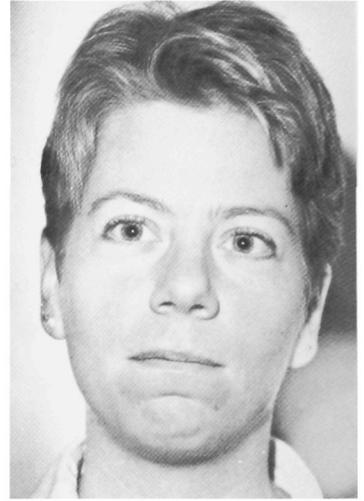
**TINA LYNN**  
B.A. Political Science, Washington & Jefferson  
College, '86  
An Ecological Classification of the Islands of  
Coastal Maine.  
M.S. Resource Utilization



**NSANGOV MAMA**  
DEA University of YDE '87  
Developmental Morphology of Larch Plantlets and  
Embryoids.  
Ph.D.



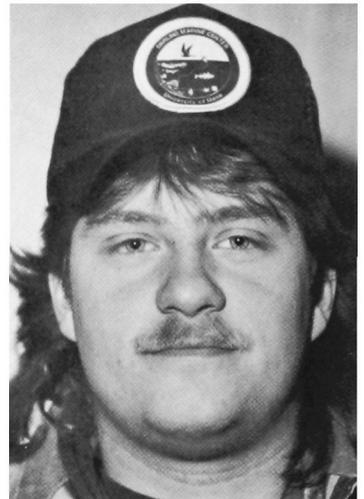
**MORTEN MOEHS**  
B.A. Biology, Williams College, '86  
Natural Disturbance & Development in Virgin  
Red Spruce Stands of N. Maine.  
M.S. Forestry



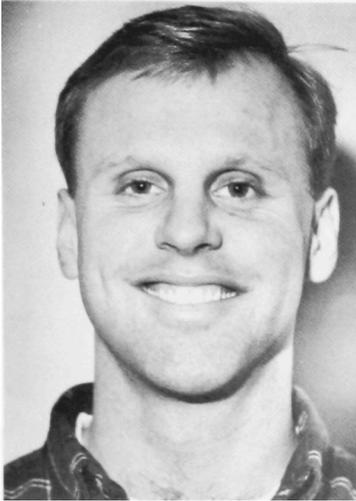
**KAREN E. McCRACKEN**  
M.A. Zoology, University of Montana  
Seed Predation by Small Mammals on Three Tree  
Species in Southern Maine  
Ph.D. Wildlife



**SUZANNE M. NOBLE**  
B.S. Animal and Veterinary Science,  
University of Maine, '88  
Distribution of Predators in Maine Riparian  
Forests Using GIS.  
M.S. Forestry



**DANIEL PHILLIPS**  
B.S. Forest Engineering, U Maine '91  
Acoustical Analysis of Wood  
M.S. Wood Science & Tech.



**DAVE PHILLIPS**  
 B.S. Environmental Science,  
 Stephen Austin State University, '91  
 Characteristics of an Untrapped Martin Population.  
 M.S. Wildlife Management



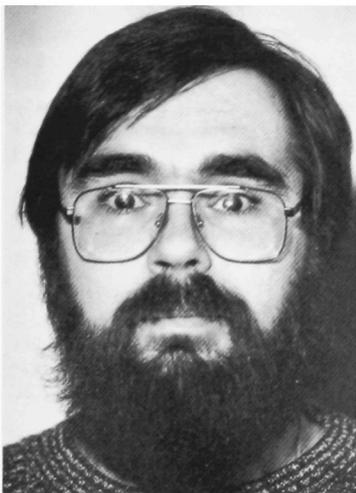
**KAREN A. PIPER**  
 B.S. Elementary Education, U Maine '88  
 Island Impact Studies.  
 M.S. Forest Management



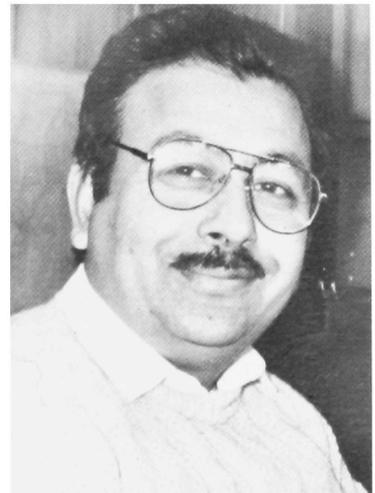
**JOE PITCHERALE**  
 A.A.S., B.S. Forestry,  
 College of Environment, Science and Forestry  
 Syracuse '90  
 Effect of Soil Texture and Chemical  
 Characteristics on the Early Growth Responses  
 of Balsam Fir To Precommercial Thinning.  
 M.S. Forest Biology



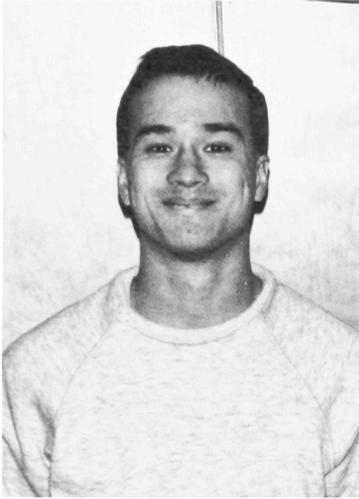
**YAPING REN**  
 B.S. Beijing University '84  
 Effect of Sludge Ash on Soil Micro-Organisms  
 M.S.



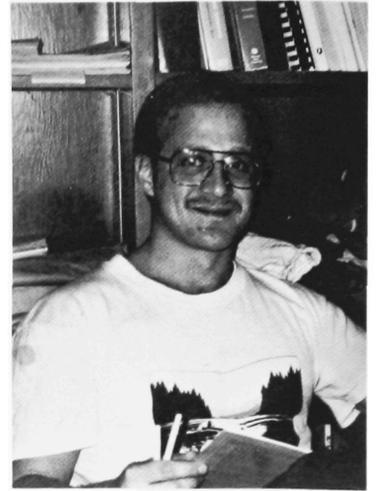
**JOSEPH P. SPRUCE**  
 B.S. Forestry, Wildlife Management  
 Applications of LANDSAT Thematic Mapper  
 Data to Quantify Neotropical Habitat.  
 M.S. Forest Management



**KANWAR M. SULEMAN**  
 M.S. Chemistry, University of Agriculture,  
 Faisalabad (Pakistan)  
 The Effects of Making Bread With Vitamin E  
 Contents.  
 M.S. Forestry



**ANDREW A. TORELLI**  
B.S. Forestry, University of Maine '90  
An Assessment of PHOTOMAP - A System for  
Data Collection from Aerial Photographs.  
M.S.



**CHRISTOPHER J. VERA**  
Biology, Western Michigan University  
Effects of Landspreading Pulp and Paper Mill  
Sludge in Maine Forestland on Wildlife  
Populations.  
M.S.



**CHRIS WINNE**  
M.S. University of Maine  
The Pattern and Process of Forest Change.  
Ph.D.



(PHOTOGRAPHS NOT AVAILABLE)

**BRADLEY F. BLACKWELL**

M.S. Zoology, North Carolina State University  
Bioenergetics and Habitat Utilization of  
Cormorants Inhabiting Penobscot River  
Ecosystem.  
Ph.D.

**RANDALL B. BOONE**

M.S. Wildlife, University of Maine, '91  
GAP Analysis: The Ranges and Habitats of  
Terrestrial Vertebrates in Maine.  
Ph.D. Wildlife Management

**KURT CARDELLO**

B.S. Plant and Soils, University of Maine, '85  
Economics of Recycled Fiber Use.  
M.S. Resource Util.

**NANCY M. CRAIG**

B.A. Berea College, KY '86,  
M.A. University of Tennessee '89  
Trail Use Study.  
M.S. Forestry

**PHILIP DEMAYNADIER**

M.S. Wildlife Ecology, University of Michigan  
Ann Arbor, '86  
Forest Fragmentation Effects of Wildlife Dispersal.  
Ph.D. Wildlife

**MARK DONOFRIO**

B.S. Forestry, University of Maine, '91  
Permeability Measurements of Wood-Based Composites.  
M.S. Forestry

**JEFF DUBIS**

B.S. Forest Management, U Maine, '91  
M.S. Soils/Silviculture

**MUSTAPHA ELTLAMZAOUI**

B.S. Forestry, National Forestry School - Morocco  
Comprehensive Management Strategy for Future Research  
and Management of Moroccan Coastal Wetlands.  
M.S.

**WILLIAM E. ESCHHOLZ**

Biology, University of Vermont  
Effects of Glyphosate Application on Winter Clearcut Use  
by Moose in Northern Maine.  
M.S.

**HERBERT C. FROST**

B.S., M.S. Brigham Young University  
Reproductive Biology of Captive Fishers.  
Ph.D.

**STEPHEN L. GLASS**

M.S. Wildlife and Fisheries Science,  
University of Tennessee  
White-Tailed Deer Mortality, Population Dynamics, Movements,  
and Spatial Interactions with Coyotes.  
Ph.D.

**MALCOLM T. JONES**

M.S. Wildlife Science, Auburn University  
Avian Community Structure and Dynamics.  
Ph.D.

**LISA JOYAL**

B.S. Wildlife, B.A. Zoology, University of Montana, '89  
Habitat Requirements, Landscape Movements & Population  
Status of Blandings' & Spotted Turtles in Maine.  
M.S. Wildlife

**CHARLES KITCHENS**

B.S. Forest Resources, University of Georgia  
Habitat Use and Movements of Black Ducks and Mallards.  
M.S. Wildlife

**BRUCE T. LAUBER**

B.A. Chemistry, Williams College  
Birds and the Conservation Reserve Program.  
M.S.

**AMANDA MOORS**

B.S. Wildlife, University of New Hampshire, '88  
Avian Bioindicators of Lakes in New England.  
M.S. Wildlife Management

**RAMONA MULLER**

B.S. Wildlife Biology, University of Vermont, '86  
Input & Opinions of Bear Hunters Regarding Bear Management.  
M.S. Wildlife Cons.

**SARA OYLER**

B.S. Biology, University of Michigan  
Dynamic Aspects of Biodiversity - Environmental Relations.  
M.S.

**KEVIN S. RAYMOND**

B.S. Wildlife Biology SUNY  
College of Environmental Science and Forestry  
Effects of Glyphosate on Winter Nutritional Ecology of Moose in Maine.  
M.S.

**LUIS F. SAGE**

An Evaluation of the Program of Incentives for Reforestation in Costa Rica.

**RICHARD G. SCHAERTL**

B.S. Forest Management, Oregon State Univ. '72  
MBA Univ. of Montana '84  
Growth Response of Spruce/Fir to Vegetation Management.  
Ph.D.

**RON SMITH**

B.ScF. University of New Brunswick '78  
M.Sc. University of Wisconsin-Madison '83  
Effects of Cone Induction Treatments on Black Spruce.  
Ph.D.

**PETER VICKERY**

M.S. Wildlife, University of Maine, '90  
Patterns and Processes of Avian Habitat Use on Maine Blueberry Barrens.  
Ph.D. Wildlife

**HUGO VOLKAERT**

M.S. Agricultural Engineering, K.U. Leuven (Belgium) '88  
DNA Polymorphisms on Larix Species.  
Ph.D. Forest Biology

**JOHN WAPEHA**

A Case Study of Boating as Leisure Among a Select Group of Individuals  
in Boating Centers of the Midwestern United States.  
Ph.D. Forest Leisure

**LINDA WELCH**

B.S. Animal Science, University of Maine  
Contaminant Burdens and Reproductive Rates of Bald Eagles in Maine.  
M.S.

**ANDREW A. WHILMAN**

B.A. Biology, Earlman College  
Seed Dispersal by Wildlife in an Oak-Pine Forest.  
M.S.

**SCOTT D. WHITCOMB**

B.S. Fisheries and Wildlife, Michigan State University, '91  
Spruce Grouse Ecology on Mount Desert Island.  
M.S. Wildlife

**GREGG WHITE**

M.S. Radiology, Colorado State Univ., '82  
Text for Undergraduate Course in Environmental Radioactivity.  
Ph.D. Forest Ecology



*As some of the nation's largest private landowners, forest products companies work closely with state and federal wildlife agencies to identify and protect threatened and endangered species.*

*Over the past decade companies have spent more than \$100 million on wildlife and environmental research.*

# Seniors



1-92

# FORESTRY SENIOR ARTICLE "DEEP THOUGHTS"

By Robert Vodra, Keith Grabner, and Jonathan Linberg,  
With some help from Keri Yankus

As we were approached or drafted into writing something for the yearbook, our first thought was why us? Did it have anything to do with being friends with the editor, or were we just lucky? Well, we scraped up enough money for a 12-pack and sat down to think about what we wanted to see in our yearbook many years from now. Among the four of us we've accumulated 18 years of college, and feel that this knowledge gained from UMaine can be summed up in three categories. This, we also feel, will give some foresight to incoming freshmen as they look through old yearbooks. We wish to summarize our thoughts in the following categories: courses, changes we have seen, and other misunderstood information.

As we entered the University our advisor informed us that our first forestry class would be FTY 101. This was also the first lab for many of us. One memory was hearing Louis Morin explain that only a few of us would be left at the end of four years; I guess we were the lucky ones. We did acquire some useful knowledge in the class, however. We began our vast surveying knowledge, and even started to learn the difference between clockwise and counterclockwise. We learned the water in the University Forest can be cold in late September. We also learned more about cruising than we would eventually try in Biometry. We have fond memories of trying to find notes in Bio 100, as we never really attended the class. A class that we all "had" to attend (due to the pop quizzes) was COS 100; the problem was staying awake.

Our next years went much faster. Again, we had Louis for surveying, and again we tried to learn the difference between clockwise and counterclockwise, and again we failed. We also learned anything up to 10 inches DBH could be considered a shrub, for surveying, and that hubs are very hard to find in the snow. Everyone worked hard in Dendrology (or power walking 101) with Allison. Learning the trees was not as difficult as keeping up with the TA. Our memories of Biometry were limited. I do remember hearing "No lab today because it is raining" and "I'll be on time". I never did touch a log in that class. (If you ever learn to scale a log it will not be from that class.) Some other fond memories came from our mud milkshake days in soils.

Summer camp was always a favorite. I don't remember doing much; in fact, there was that one day the most effort we exerted was eating lunch. We tried to help, but we were told to go back and wait for the instructors. We also learned that lots of beer could be consumed by relatively few people, and we could still get up at 7:00 a.m. to start work. We did get a lot of knowledge in Silviculture. I know that TWIGS reports are very useful for getting that woodstove going on those really cold mornings (yes, I used some left from two years ago this morning). I also learned that trees do not really look like triangles. On a later co-op we learned that it was much harder to mark a real stand than a plantation. I don't think there are "any questions, any questions, OK let's move on" when it came to Forest Economics. We tried to remember something from FTY 450 or 470, but we could not remember which class was which. It reminds us of trying to remember the difference between a view and a vista. And finally, as we all finish up those classes we could not fit in anywhere else, we do have fond memories of the changes we have seen.

Who remembers what the Bear's Den looked like when there were waiters there? We have our fond memories of Bum Stock when it was held in Old Cabin's Field, and D.T.A.V. was a parking lot. How about when all the dorms were so full (including hotel Dunn) that

almost all the freshmen were in triples. We remember when UMaine had its own fire department and there was 24-hour case at Cutler Health Center. We also remember when Alford was that small ice arena at the north end of campus. With all these memories came the thought of what we came to the University of Maine for.

We called this section misunderstood information, because this is what we thought we were getting when we came to the University. Someone told me that the cafe food tasted "good". I also thought that with my sports pass I could get into all athletic events on campus, after all that is what I understood my comprehensive fee was for. (Does anyone really comprehend the comprehensive fee?) We were also told that winters were not that long, that we would get snow, and someone called that second semester spring semester. Isn't it really mud semester? We were told in FTY 101 that foresters are in demand and there would be jobs waiting for us in the field (please contact any of us if anyone hears of a forestry job!). We were told that there were lots of computers on campus (has anyone found them?) and I also was told that the library was a great place to study. When I arrived on campus I was told that I would get along great with my roommates, and also I heard something about Caribou on campus. As we leave we hear rumors of a new phone system, cable, and even computers in all the rooms. All we have to say is . . . we will believe it when we see it.

So the end has come. As we begin to pack and try to sell all our earthly possessions to pay off our loans, we do leave with fond memories of our college days. We do want to wish all the upcoming and future students lots of luck. And to all our fellow graduating (or graduated, depending on when you get around to reading this) friends, we hope this little ditty brought back lots of good memories. Good luck to you all.

Rob, Keith, Jon and Keri



## WILDLIFE SENIOR ARTICLE

The University of Maine has one of the best wildlife programs in the East. That's why we're all here right? WRONG! (Some of us came here for forestry. Why? We don't know.) In fact, some of us that started out as wildlifers aren't here any more. But, to those of us who stayed, congratulations. We made it, and we sure as hell didn't just play with some cuddly animals to get here! In fact, contrary to what we thought as freshmen, we actually had to study. But, that was when freshmen were freshmen, and not first-year students.

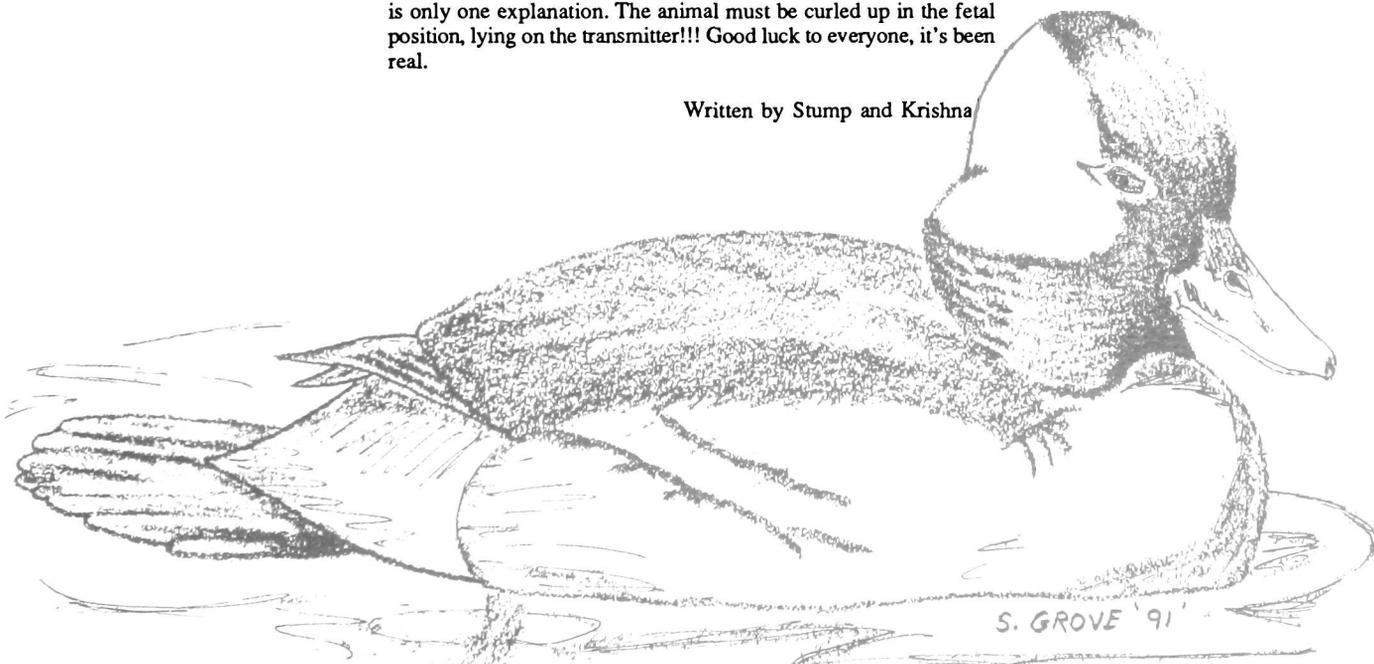
We struggled as a group, and as individuals, to understand that there are no clear cut answers, but it always depends on the species. Does everyone remember what the scientific name of the Mummichog is? How about how long it took Bucky to bolt up Mt. Katahdin? Did we ever find out what a glass lizard was? Can you guess what the optimal foraging food of the caveman was? These are just a few questions we never expected to be asked when we signed up for classes.

We never could forget to mention SUMMER CAMP. WARNING: when Dr. Dan the coyote man gets out of the van and starts howling into the night, it's okay, he's a professor. We will always remember that brief, but special moment, when Alex touched our lives. By the way, is that a white pine or a red maple? We just loved waking up to the sound of birds on tape and the ruffed grouse drumming. How about the snow in the middle of May, or the dog that bit poor Midori? Alder swamps: black fly heaven! Of course, it wasn't all fun and games, there was volleyball and our independent projects.

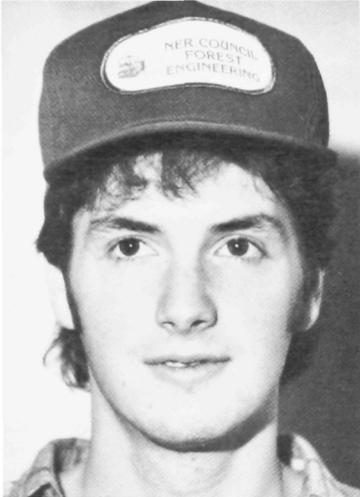
And, who would have thought that wildlife populations had anything to do with counting lima beans? In our four or so years, how many helpful TA's did we really have? But, thank you Randy, you were one of the few. We cannot forget to mention our brief adventure as "budding silviculturalists" We all thought TWIGS were something you picked up in your yard after a storm.

So, with all these fond memories, how could we help not graduating with a BS in life, as well as wildlife. And just remember: If you ever lose the frequency on your telemetry equipment, there is only one explanation. The animal must be curled up in the fetal position, lying on the transmitter!!! Good luck to everyone, it's been real.

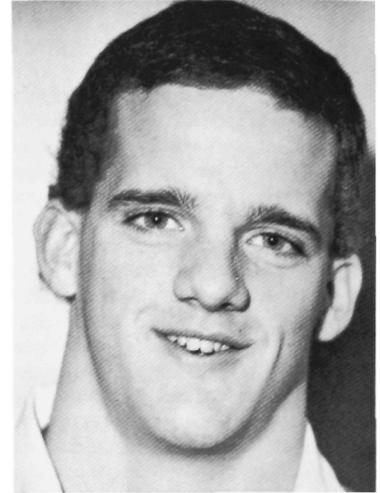
Written by Stump and Krishna



# GRADUATING CLASS OF 1991-1992



**Tom Blake**  
New Gloucester, Maine  
*Forest Engineering*



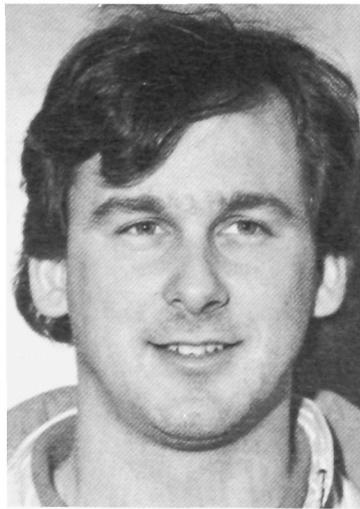
**Bill Bennett**  
Acton, Massachusetts  
*Forest Management*



**Cheryl Allen**  
No. Attleboro, Massachusetts  
*Wildlife Management*



**Ann Brackett**  
Sanford, Maine  
*Forest Technician*



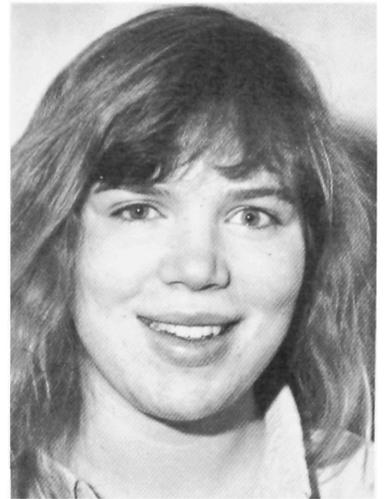
**Brad Catling**  
Baltimore, Maryland  
*Forest Management*



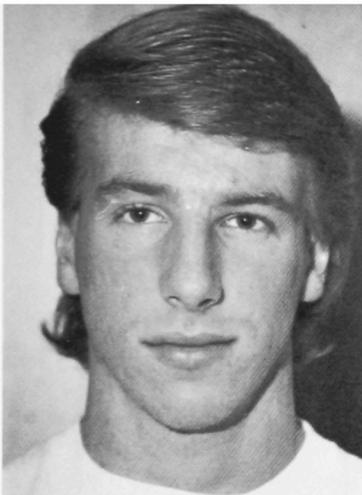
**Karrie Coleman**  
Pensacola, Florida  
*Wildlife Management*



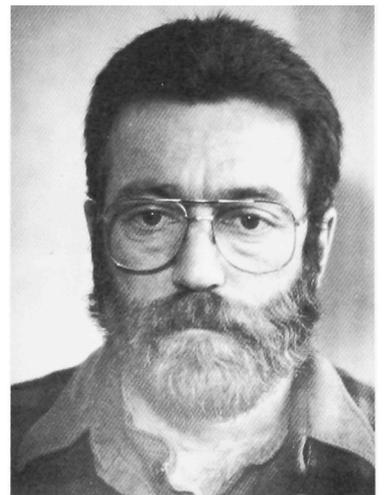
**Krishna Costello**  
Pittsfield, Massachusetts  
*Wildlife Management*



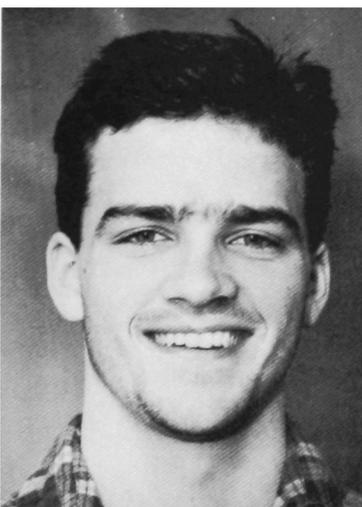
**Carmelle Coté**  
Shelburne, Vermont  
*Forest Management*  
*Minor Canadian Studies*



**Barry Cunningham**  
Augusta, Maine  
*Forest Engineering*



**Richard Dionne  
Bradley, Maine**  
*Forest Management*



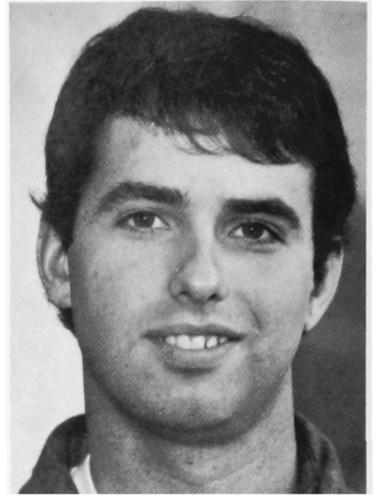
**James Fahey**  
Bangor, Maine  
*Recreation and Park Management*



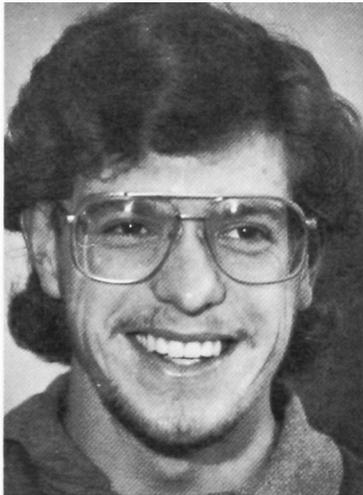
**Shawn Faucher**  
Augusta, Maine  
*Forest Technician*



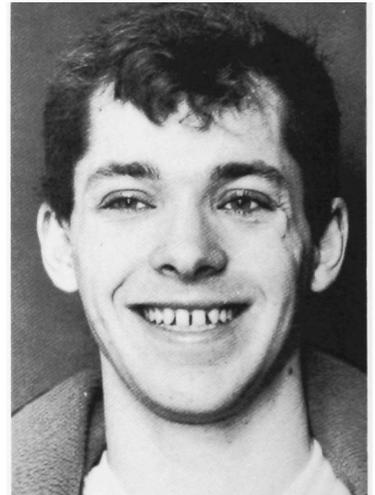
**Jen Felcetti**  
Worcester, Massachusetts  
*Forest Recreation*



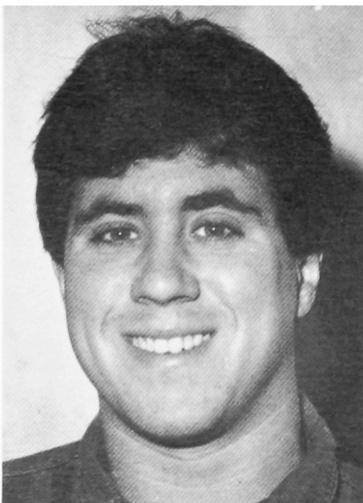
**Gary Gouldrup**  
North Easton, Massachusetts  
*Forest Management*



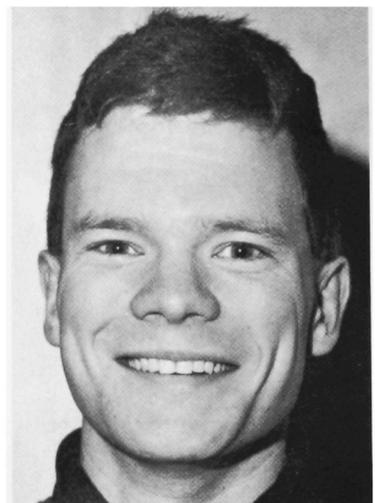
**Keith Grabner**  
Bullwin, Montana  
*Forest Recreation*



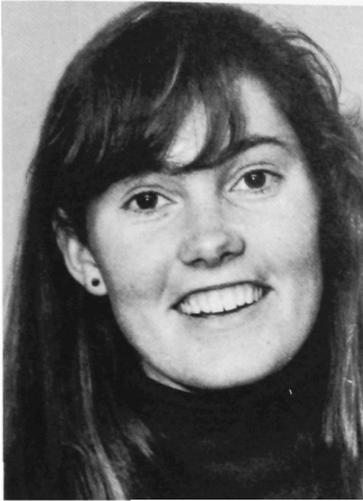
**Bill Langmaid**  
Cohasset, Massachusetts  
*Forestry*



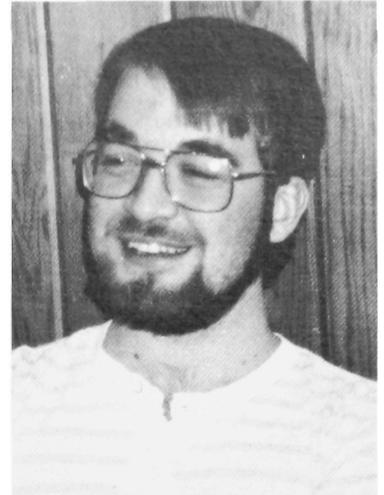
**Mark LaPointe**  
Cohoes, New York  
*Forestry*



**Jonathan Lindberg**  
Mendham, New Jersey  
*Forest Business*



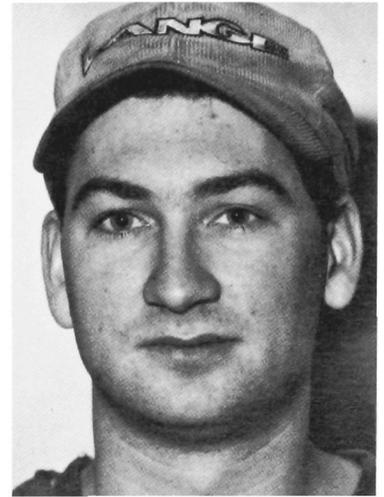
**Bonnie MacCulloch**  
Antrim, New Hampshire  
*Forest Recreation*



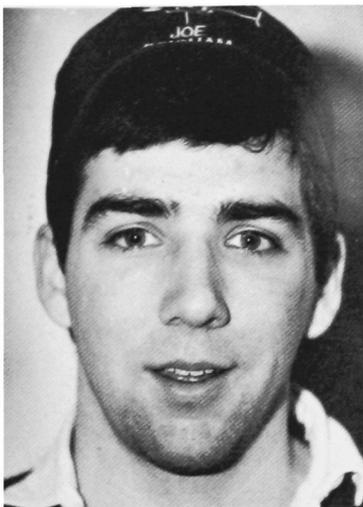
**Shane Marden**  
Merrimac, Massachusetts  
*Forest Technician*



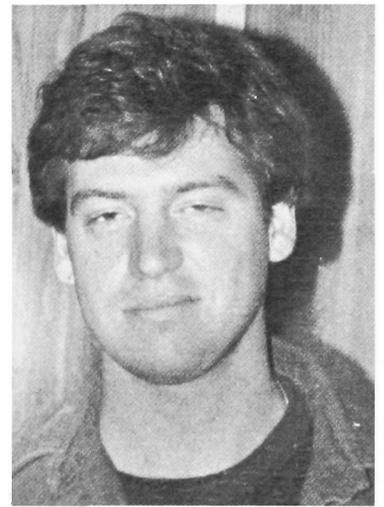
**Darren Maxsimic**  
Orrington, Maine  
*Timber Utilization*



**John Michniewicz**  
York, Maine  
*Forest Management*



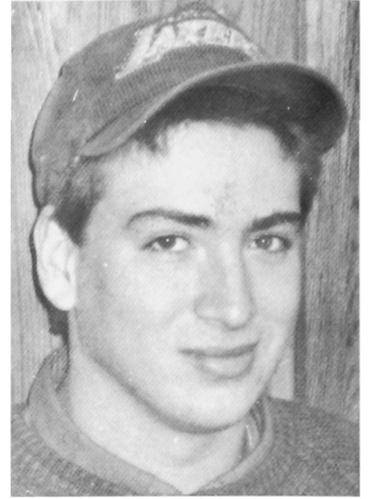
**James Morin**  
West Buxton, Maine  
*Forest Management*  
*Minor Natural Resources*



**Terry Owen**  
Scotia, New York  
*Forest Management*



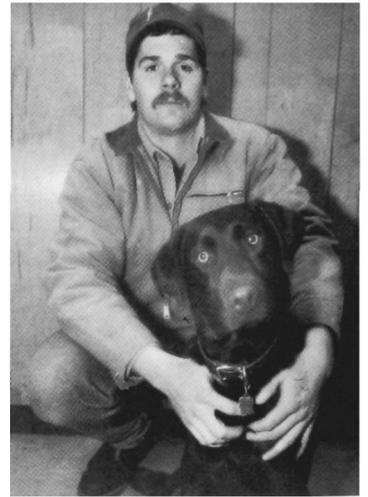
**Paula Pelletier**  
Hampden, Maine  
*Forest Management*



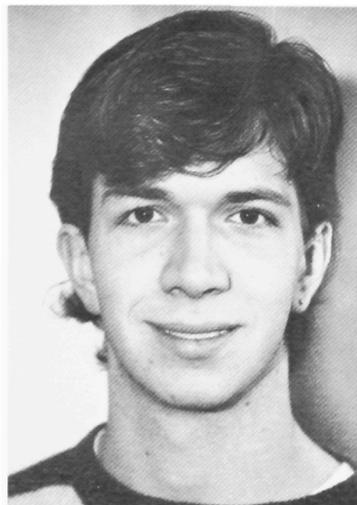
**David Rhinebolt**  
Oxbow, Maine  
*Forest Technician*



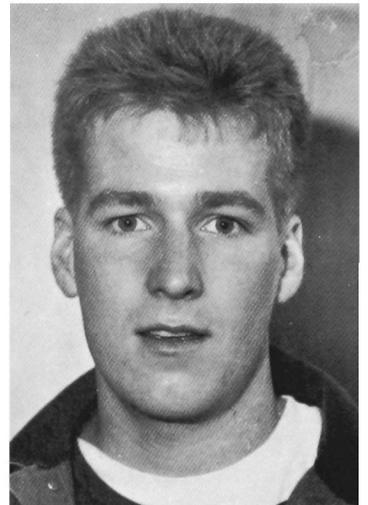
**Kelly Jo Rogers**  
Martins Ferry, Ohio  
*Wildlife*



**Kermit Schott**  
Jaffrey Center, New Hampshire  
*Timber Utilization*



**Robert Vodra**  
Brookfield, Connecticut  
*Forest Recreation*



**Ewan Whitaker**  
Orono, Maine  
*Forest Recreation*



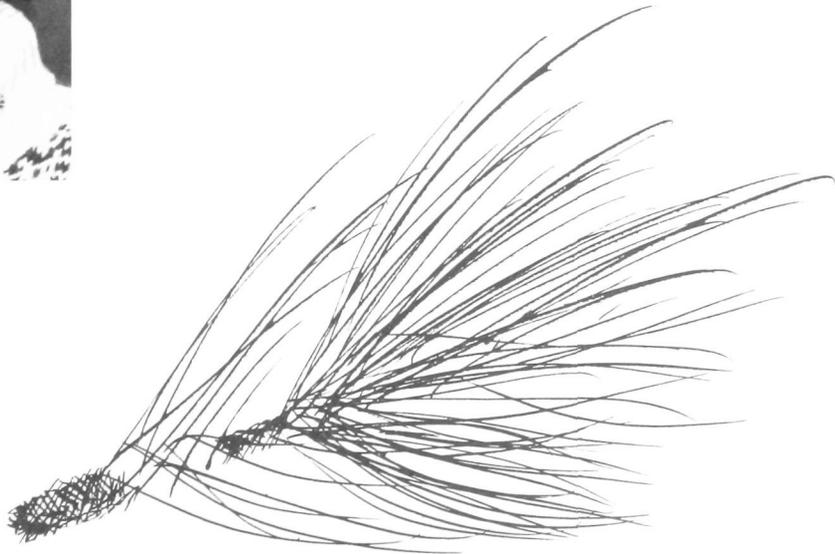
**Ronald Wormwood**  
Hollis Center, Maine  
*Forest Technician*



**Michael Wornock**  
*Forest Technician*



**Keri Yankus**  
Hillsdale, New Jersey  
*Forest Management*



# ***Out In the Woods . . . A Few Words On What You Will Need And, What You Might Find.***

*By Dan Gilmore*

As future graduates of the College of Forest Resources, you are undoubtedly eager to begin your respective careers in your chosen field of natural resources. Equipped with four years of accumulated knowledge and training, all that you will be lacking is a job.

Well . . . a number of years ago I entered the job market with skills similar to yours. Fresh out of Paul Smith's College, a fellow Smittys' grad and I were hired on for a summer to cruise timber on a Canadian company's land holdings in northern New York State. We knew the quality of that cruise would be a reflection upon both of us, and that we would be marketing our talents again in the near future.

A random sampling scheme had been chosen for this project and our plot locations were predetermined on base maps. The first days of that project were spent developing a strategy to sample as many plots per day as possible. Then, we did it, ironing out numerous small details as we went such as "What time will we meet tomorrow?" or "Who is going to tally today?". These small details weren't technical in nature, we just had to learn how to work together. After a summer of working together, eight hours a day, through black flies, summer heat and rain, we agreed that our teamwork was instrumental to the success of our first real experience in forestry.

That fall, I landed a job as a forest technician with the New York State Department of Environmental Conservation. While there, I worked with preservationists, conservationist, environmentalists and others who were just there for a paycheck and, as you might expect, all of the projects I was involved with didn't go smoothly. One factor that I attribute as being crucial to the successful completion of a project was open communication and a willingness of the people involved to work together as a team.

The mundane life of a civil servant did not appeal to a 22-year-old "forester", and I soon left that job for work at the "grass roots" level of forestry in the Adirondack Mountains of New York. For five years, I worked interchangeably between sawmills and logging contractors, depending upon the season. The wages of mill hands and lumbermen are generally tied in some way to production. During that time period, team work became all the more important to me, not just because it was a factor in the size of my paycheck but also because it was necessary from a safety perspective.

The experience I gained learning how to work with a variety of people in different situations proved to be invaluable when I was recruited as an operations forester by the same Canadian company that hired me for that first summer timber cruise. I now had production quotas which had to be filled by 5 to 7 logging contractors who collectively employed 50 to 60 men. As a company representative, it was sometimes necessary to execute policies that were unpopular with the contractors. I did not always agree with my employer, but I found my job became easier after I developed individual working relationships with the contractors based upon candor, trust and mutual respect.

Once I was hired into the work force, I found it necessary to develop my personal management skills while maintaining and improving my technical skills. The most important assets that I admired early in my career and look for today are friendliness, honesty, a willingness to learn and an ability to change. These basic attributes are crucial to the development of a successful working relationship. Many of my working relationships evolved into friendships which continue today, long after we finished a job.

*Dan Gilmore is a graduate student in the College of Forest Resources*



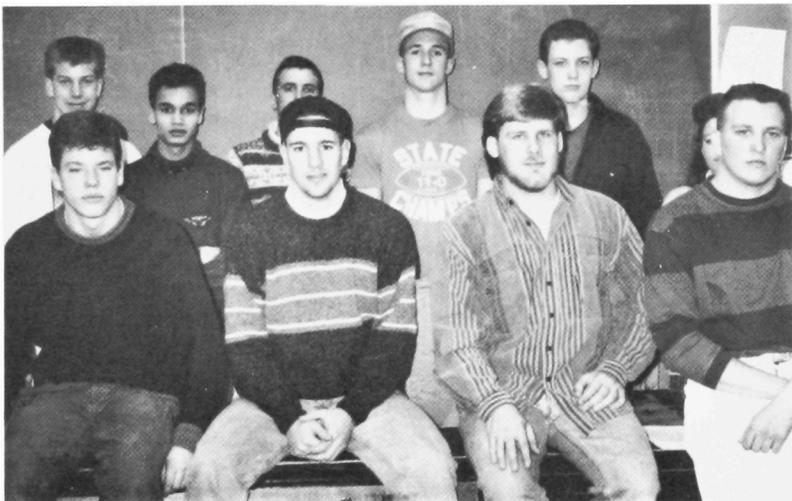
# First Year Students



# **FIRST YEAR STUDENTS - FORESTRY**



Back Row: (L-R) Nathan Spectre, Mike Johnson, Brian Tiff, \_\_\_\_\_, Norman Pelletier, Nathan Allen, Jason Tyler, Jim Robbins, Richard Crouse.  
Front Row: (L-R) Roger Knapp, Mike Brewster, Kim White, Dan Borgna, Mike Bender, Ebon Swain.

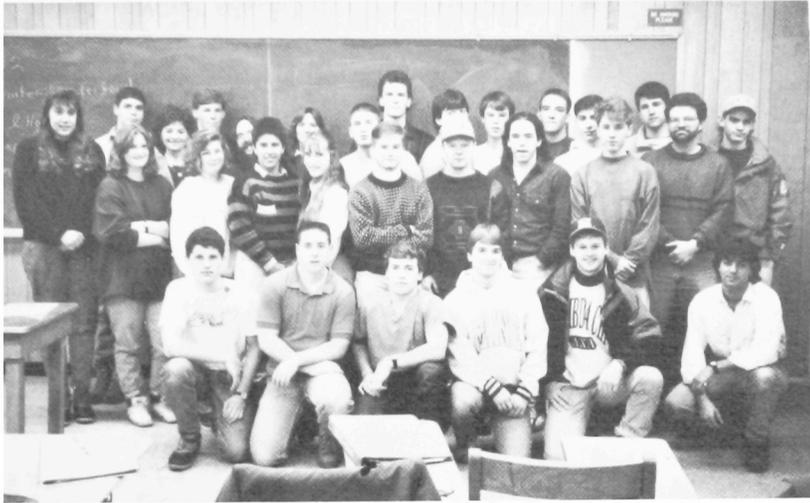


Back Row: (L-R) Ben Beland, Amjed Khan, Shawn Gurney, Nate Clark, Adam Kelley, Rebecca Freedman.  
Front Row: (L-R) Trevor Landon, Tom Liba, Gordon Merrill, Brent Drake.



Back Row: Dominic Chiappone, Robert Bean, Aaron King, Ken Nichols, Adam Churchill, Claire Wuori, Lynn Boothby.  
Front Row: Shane Duigan, Stephen Nickl, Jeff Tapley.

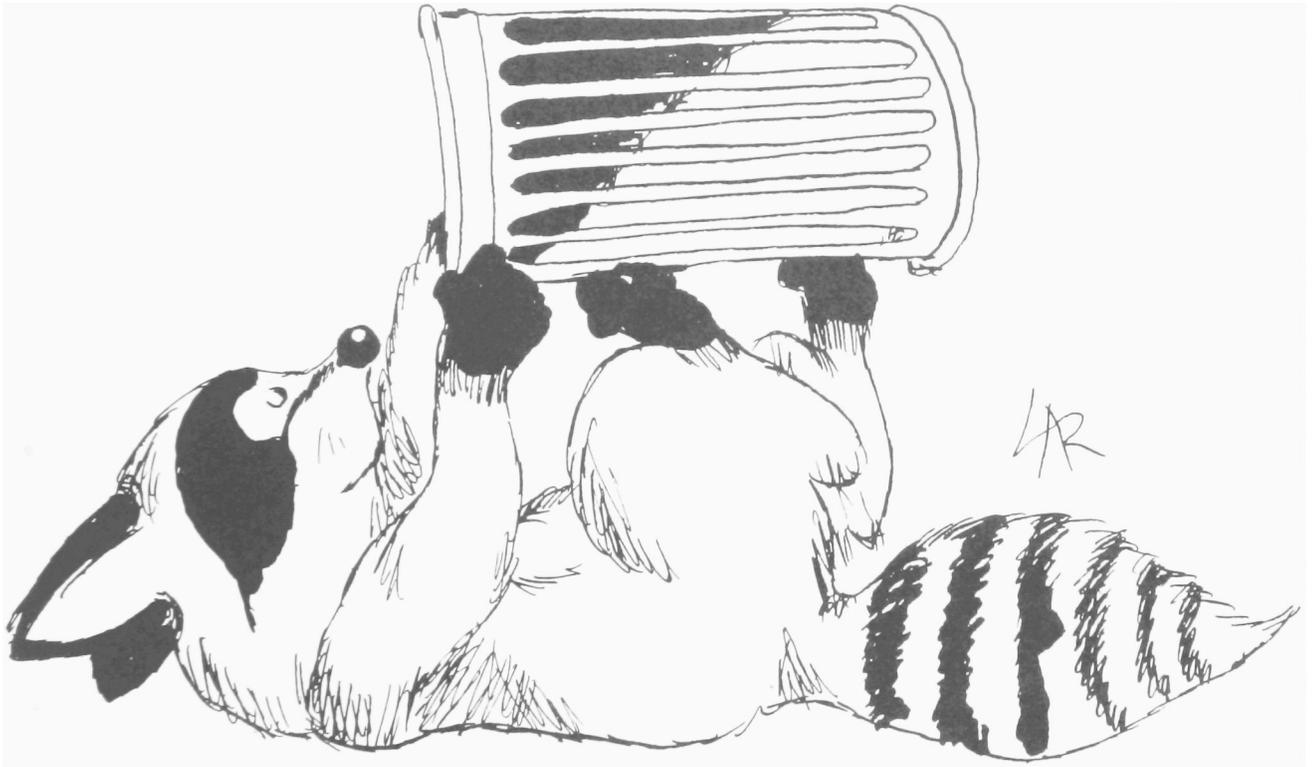
# ***FIRST YEAR STUDENTS - WILDLIFE***



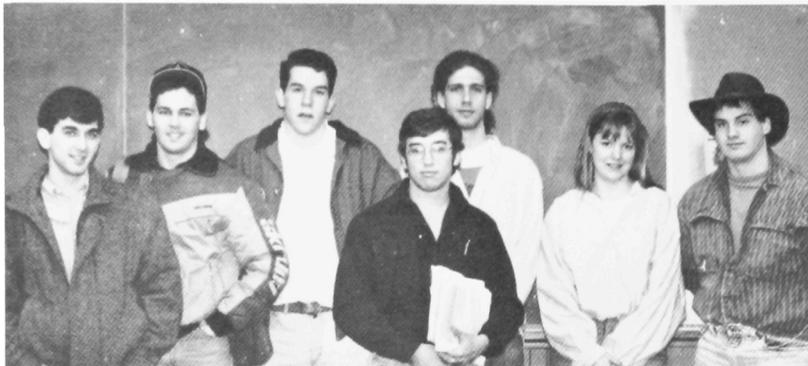


*Wildlife management has  
been a major success story.  
Many now abundant species  
such as the wild turkey and  
elk would have been on an  
endangered species list in  
the early 1900's had such a  
list existed then.*

# Sophomores



## **SOPHOMORES - FORESTRY**



Daniel Lewia, Mark Campbell, Dave Hanlon, Chris Lorenz, Matt Russell, Karyn Dieter, Gary Wagner.

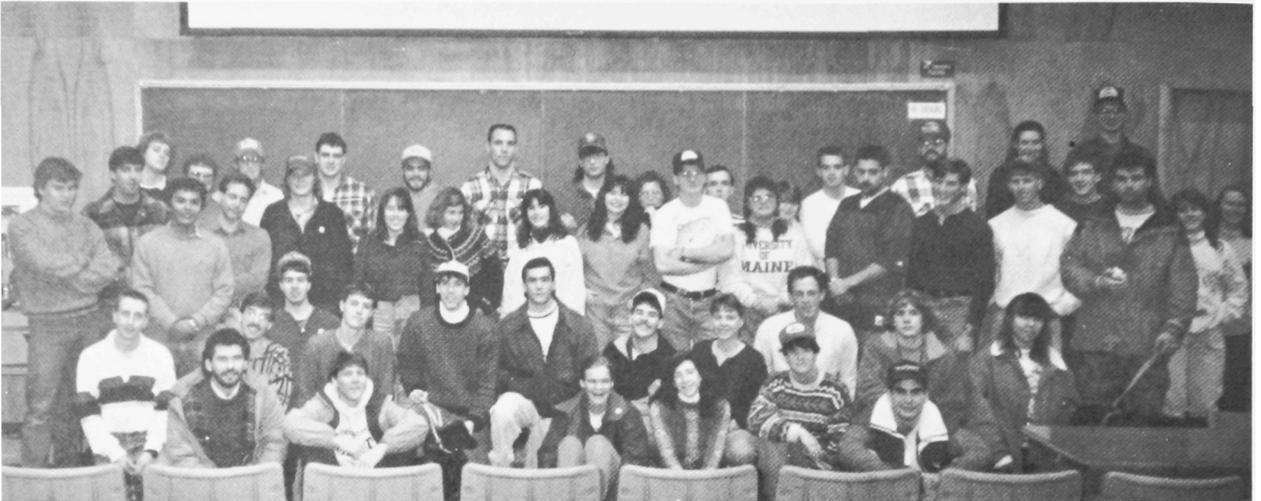


Mike Rogers, Jeff Zeiner, Aaron Ferraro, Matt Duprey, Perry Sawyer, Richard Crouse, Anthony Guay.

# Juniors



## ***JUNIORS - FORESTRY AND WILDLIFE***



**Back Row (from left to right):** Jamie Bogard, Dave Landry, Erik Carlson, Charlie Hall, Jeremy Steeves, Jeff Clark, Steve Kendoit, Kelly Jo Rogers, Ralph Hosford, Angela King, Erik York, Gerald Hall, Jen Higgins, Didier Booner-Ganter.

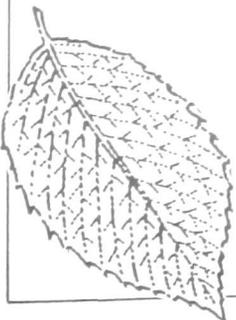
**Second Row:** Phil Siefert, Dave Rochester, Victor Archaga, Patric Nealon, George Wardman, Kristine Higgins, Kim Hewitt, Sara Durlos, Cahty Elipoulos, John Asseng, Jacklyn Neal, Tom Hoffman, Rob Burns, Chad Gaybill, Mike McLaughlin, Gil Paquette, Julie Howe, Debra Davidson.

**Third Row:** Chris Taylor, Scott Whittier, Mike Maines, Andy Leblonde, Marquis Russell, Eric Richamond, Sara Cebullo, Jim Dunning, Arthur Hayes, Melissa Freland.

**Front Row:** Ricardo Coronel, Chris Fife, Martha Sullivan, Frishma Costello, Heather Bernier, Brian Baharian.



*Nationally, forest growth rates have exceeded harvest rates since the 1940's. Forest growth is now more than three times what it was in 1920 - nationwide, forest growth exceeds harvests by 37 percent.*



## QUOTABLE QUOTES

"What a waste of biomass . . ."  
Wildlife Summer Camp '91

"The Hell with TWIGS, we'll just clear cut it!"  
Everyone in Silviculture lab at some point!

"If you don't love it when it sucks, you don't belong here  
in Forestry!"  
- Bill Bennett

"You mean to tell me the loggers no longer call them buffer  
strips around a clear cut, but now they are referred to as beauty  
strips!!!!!"  
- unknown

"Where's Tonassone?" He's been known to oversleep!"  
- Dan Harrison

"The inter-ocular trauma test: If it hits you between the eyes;  
It's significant."  
Wildlife Summer Camp '91

"AAgh! I pulled a butt muscle yesterday, playing hockey!"  
- Chris Murdouch

". . . . And another wave of gribbles comes along. ." "Gee,  
that sounds funny . . ."  
Barry Goodell



"Instead of just getting someone to beat up on them, in an  
advanced society, they hire someone to beat up on them."  
- Dr. Field

"Excuse me, Is this a shrub bush?"  
- unknown

"That's right but it's not what I was looking for!"  
- Mary Ann Favjan

"You can remember what grass looks like, 'cause it's lasagna  
noodles with dogbone type structures."  
Krishna Costello

"Twinkies are the optimal foraging food for Cavemen."  
Dr. Dan Harrison

"If there is a spruce Budworm outbreak while you are a Fore-  
ster - Retire!"  
- Bob Seymour

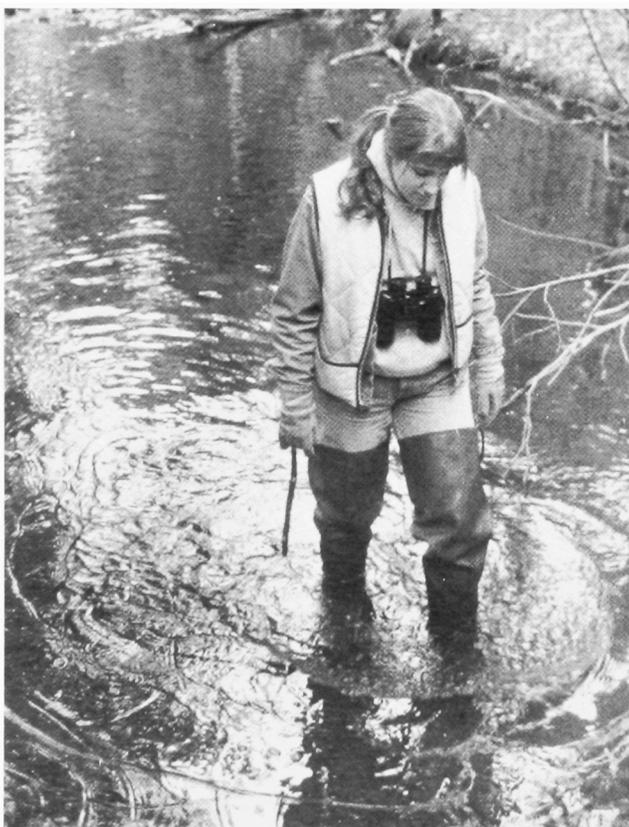
"So you are saying we should all go to New Hampshire and  
get our Forester's license and then come back and practice  
in Maine!"  
- Rob Vodra

"Jing how about we just xerox your notes and call it a day"  
Jon Lindberg

"I'll give you a handout . . ."  
"I'll give you another handout . . ."  
- Dave Field

"Karyn, closed any car doors in anyone's face lately?"  
- Ann Brackett

"Amber - man, Amber - man are you OK? Help."  
- Anon.





". . . and then 10 years later you got religion and became a forester."

Dave Field

To Kermit, "Clyde's the smartest dog at the University."  
"Thanks!" "I mean, he goes to all these forestry classes!"

- C.J. Cote

"I thought these seedlings were suppose to live! No, Keri they are suppose to discolor, wilt and then really die. I mean they should be dead!!!"

Dr. Livingston

"There is no such thing as good Silviculture!"

Bob Seymour

"It's to bad that trees are so tall and men are so short."

- Smith

"All pulpwood is not created equal . . ."

Bob Seymour

". . . if the wind starts to scream and trees start to fall on people, you come out of the woods. It's just common sense!"

Dave Field FTY-470

"Feed Jake, he's been a good dog."

The Guys in Grant

"We love our campers. Please drive carefully."

- Camp Jordan

"Chris, it really was mice that took your stuff."

Karyn Dieter & Ann Brackett

" and biometric gurus like myself."

Tom Brann

"Admiral Al, I like that."

- Al Kimball

"No way Al, for the rest of this trip you're just Mad Dog."

-Bill Bennet

"Don't touch that spruce !!!!!!!"

- Seymour to an "uninformed" cutter during Junior Summer Camp '91

"What do you mean the chipper can't handle a 10" log?"

"Are you choking?"

- Everyone

"Hey Guys, what other Disney tunes do we know?"

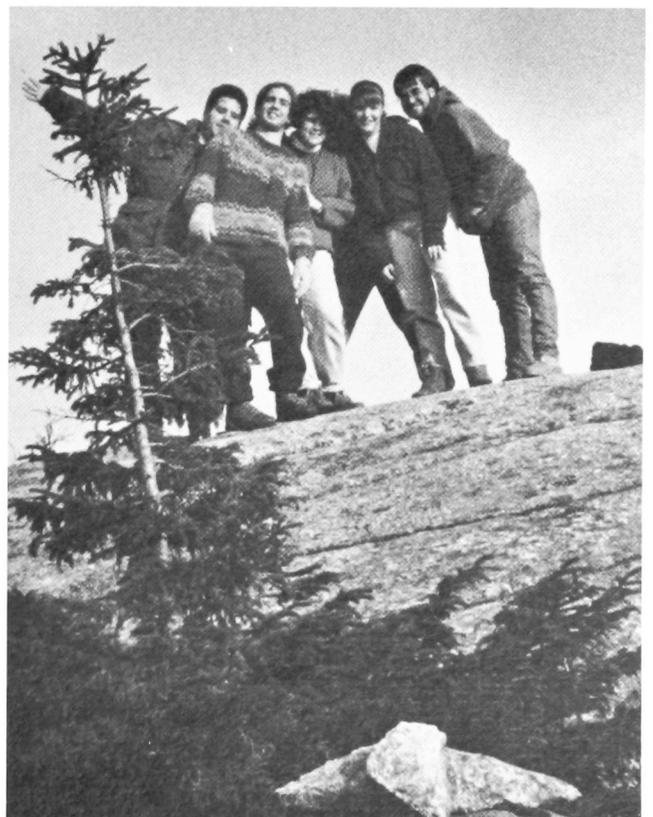
Ann & Karyn

"Just call him clear cut Charlie."

Everyone

"If it grows, cut it, then burn it . . . and we don't mean your own limbs, Bob!"

- Anon.



# **SUMMER CAMP**

As in years past, the College of Forest Resources Summer Camp programs were active this past May. Immediately following the spring semester, the Departments of Forest Management and Wildlife sent their students into an intensive three-week program of field experience. It is here that many students experience their first "dirty work". All of the knowledge which has been acquired from their respective curriculums is put to the test. More important than the physical labor and long days of summer camp are the rewarding social aspects. Learning to work with people and enhancing relationships among students serves to enrich the character of the student body. In the following pages, excerpts are given from senior forestry summer camp, first-year forestry summer camp and wildlife summer camp participants.



# SENIOR SUMMER CAMP

By Keith Grabner

This year, summer camp started on May 13. Everyone arrived at Camp Jordan by 8:00 a.m. Introductions and Camp Jordan (CJ) rules were the first order of business. After the general information, Al Kimball explained to the juniors, his expectations of summer camp. The class was then divided into three groups, your partners for the next three weeks. After lunch, both summer camps loaded onto buses to tour Acadia. We listened to speeches by Park Service Officials and saw the previous year's work site.

The basics done away with, we started work the next day. We were working on vistas near Duck Brook Bridge overlooking Frenchman's Bay. Our job was inventorying and marking trees.

Work at Acadia varied. One day we tallied trees, the next we surveyed the Sea Wall Nature Trail. Sea Wall Nature Trail was beautiful with spectacular ocean views. We surveyed in perfect weather, and took many breaks along the ocean. It seemed that every time my group sat down, some tourists would walk by. We talked with them and as they left we usually got comments about lazy government employees. Oh well, I guess we gave them what they expected.

Surveying the nature trail ended our work in Acadia for a while. On May 16 the juniors headed north, our ultimate destination was Baxter State Park. Bob Seymour was our special guest on this trip. He explained many of the practices that we saw. Before we reached Baxter the class visited Scott Paper Co. lands. We learned about Scott's policies and saw some industrial forestry practices. The trip was informative because we saw large scale operations we had learned about earlier. We saw a lot of harvesting equipment and we visited a hand crew harvesting operation. We had the chance to witness one of the scariest operations ever. A chainsaw operator left two trees hanging. The operator cut one tree which remained hanging then moved to cut another tree that would not fall either. Frustrated, he walked away from both. As he left the two trees hanging, a strong wind blew over both trees. Now we know how not to harvest timber.

Once we left Scott Paper Company we drove to Baxter for camp. Mr. Jensen, Baxter State Park's forester, led us in the back way. Camping at Baxter State Park was a memorable experience. That night Al Kimball, Bob Seymour, and the class sat around a camp fire talking and laughing into the night.

The final day of our two-day road trip was spent in Baxter State Park's Experimental Forest. Jensen led the class through some innovative silvicultural practices. What we saw was fascinating, but not enjoyable. The weather was cold and it rained all day. We kept standing in the raw weather then warming up on the bus then back into the raw weather. Bill Bennett's quote for this day was "If you don't like it when it sucks you don't belong here!" After we left Baxter State Park we returned to Camp Jordan. Week one was over.

Week two was spent in the Penobscot Experimental Forest. We gathered the information needed to prepare a management report of our assigned plots. The data was gathered over three days, and the local population of mosquitoes had a good source of food. Everything was tried to keep the bugs away. Bug dope only made the mosquitoes mad, skin-so-soft just smelled, but cigars worked well (while we had them). We had a three-day battle between gathering data and killing mosquitoes. The mosquitoes won.

The mosquitoes were just about as popular as the fire training that we sat through. The course that we took was the same training everyone had in the previous year. To make it worse some of us sat through the same training twice. There was some confusion about what we needed to learn and what we had already learned. We also received Red Cross first aid and CPR training. This training was needed.

We received Memorial Day off. May 28, the first day of the last week, both juniors and first-year students participated in a search and rescue at Acadia. We were looking for Russell V. Harding. He had been missing for a week. We searched all day and found nothing,

then as we were about to board the bus to go home, search helicopters spotted signs of Harding. The area was near our position so we went to help. Once in the area, we waited to help. After waiting for an hour we were told to go check in at the ranger station. No one had told the ranger station what we were doing and they feared that our group was lost. It was interesting to be a part of the search and rescue operation, to see how organized a dramatic situation can be.

The search and rescue started the week off on a high note. The rest of the week was spent working and worrying about the management reports. We visited Georgia Pacific lands, but our minds were on the pending reports. We worked on maps, overheads, video tapes, and speeches.

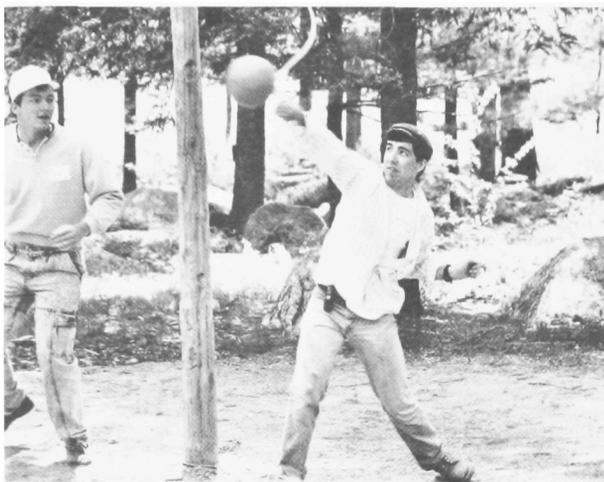
On the final day of class our reports were to be presented. The time came, everyone gathered in the dining hall, and stress was high. As we set up the dining hall to present our reports the power went out. There we stood with transparencies and video tape in hand and no electricity. We found out that electrical work was being done and the power would be out for a while. There went all the work on transparencies and videos. We presented our reports in the dark, wondering why we had worked so hard on useless overheads.

Summer camp was fun and our last required May term course. I was happy to leave and start the summer but I was also sad. I realized that I was going to graduate in a year and leave this University. May term is usually not appreciated. It requires three weeks of our summer when students would rather be working, instead of paying for three credits. Senior camp provided some good times and memories. May term summarized my past three years as a forestry major: hard, fun, frustrating and over.

To all graduating seniors - - good luck in the REAL WORLD!!  
To everyone else -- enjoy May term and good luck next year!



# FORESTRY SUMMER CAMP



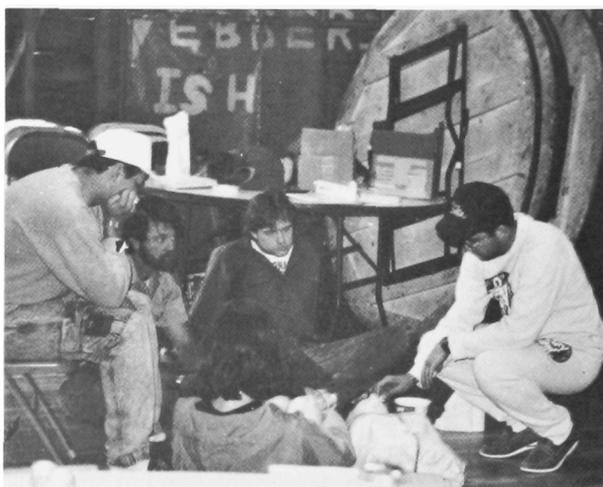
"Here comes the wind up . . ."



"Dan, did you drink all of the \_\_\_\_\_!!!  
"No Jim, Kimball put it into the gas tank!"



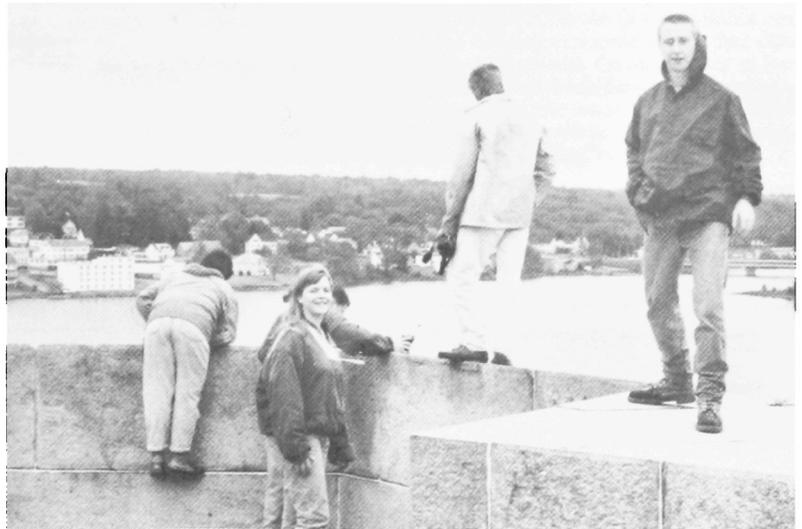
"Do you call this a veiw or a Vista?"



# FORESTRY SUMMER CAMP



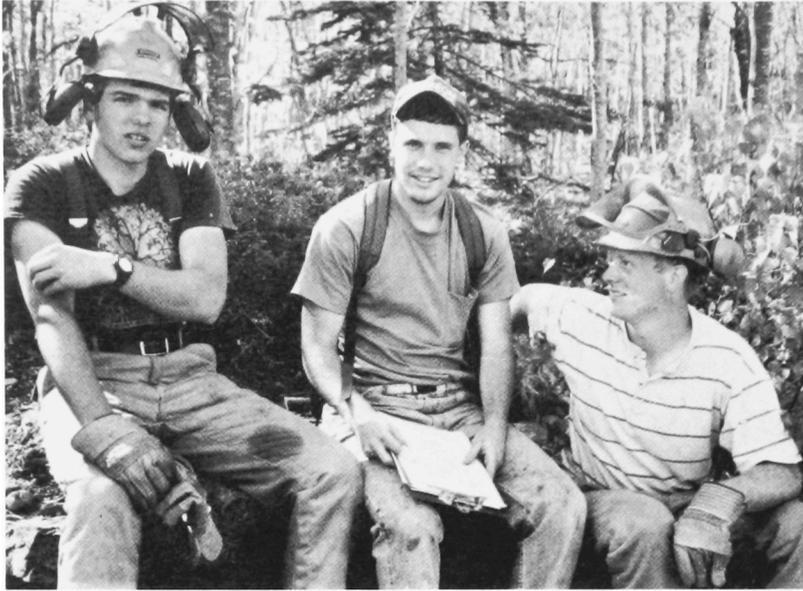
"So Chris, just exactly how many  
have jumped off Fort Knox?"



Fire Training without a fire.



# FIRST YEAR SUMMER CAMP



With the sudden disappearance of the FMT Program, FTY 241 forestry summer camp and FMT 241 technician's summer camp were combined this year. We stayed at YMCA's Camp Jordan in Ellsworth for three glorious fly-swatting weeks and endured the hour-long bus ride to Acadia National Park every day.

We spent the first week with Alex, an instructor from Tilton Equipment Company, learning the basics of chainsaw use and safety. We also got certified in CPR and first aid in the first week we were there.

The second week was spent doing some "friendly forestry" in Acadia National park. In order to get some experience in chainsaw use, we cleared scenic views and vistas, and did some trail maintenance in Southwest Harbor. During the second week we also got training in orientation and boundary line maintenance.

The third week we had Monday off for Memorial Day. The rest of the week was spent sleeping through fire fighting training, fighting with the flies, and doing a few more vista clearings. While all this was going on, a select few people went to Isle Au Haut to do some boundary line maintenance, and almost got stranded there for another day because of weather.

The three weeks that we spent there were full of good times and bad times. But for some strange reason, I think we all got to know each other real well and it was definitely three weeks that will stay in our memory for a long time to come.

Shane Marden

# WILDLIFE SUMMER CAMP 1991

Welcome to WLM 250 - Wildlife Summer Camp. Here in the first long days of summer we are eager to learn, and strive to achieve the status which will be expected of us later in our lives, but what we really want is long hours of sleep, mom's home cooking, and a bug repellent that really works.

The first week begins with our instruction in banding ducks. A fun experience until you meet with the unlikely application of bodily substances from an angry mother Woodduck (Sorry Tim). Our next experience begins with a day long lecture on compass work and map interpretation - this, all in the preparation for the trip north for two days of bear radio-tracking. Under the extraordinary instruction of Thomas P. Hodgman and Bert Frost (Ernie was nowhere to be found), we learned the intricacies of radio telemetry and ground triangulation techniques. Next time you see Tom ask him to do the "Hodgman" and ask Bert if "Beers are served to bears in bars in Bozeman". The week ended with a trip to Damariscove Island for an Eider nest count study. Those who were lucky enough to be on the other end of the island will never know the excitement (NOT) of having your compass bearing fall in a straight line with "rose bushes from hell".

The next two weeks are spent at the Cobscook Bay Resarch Station. To begin the week off right we spent the time pounding out the statistics for the bear and eider data. We found out that this was only the beginning of those statistical methods we all know and love (try an ANOVA without a computer - its an enlightening experience). We even developed our own indices and probability functions to such important scientific data as the chance event that Kris or Jen would get the volleyball over the net or that Cobscook was the only area east of the Mississippi with a healthy population of Burgundy Merganser Warblers.

During camp, we spent three days running transects, small mammal trapping, and collecting data on birds and vegetation to

compare a burned and unburned area. By the end of the third day everyone had a new outlook on peanut butter and could identify every bird song in the northeast (trust me). Cathi learned something new about the strange "creepy crawlies" in the woods - one ended up sending her to the hospital. She took it in stride and explained to us on the trip to the hospital "that her vineyard was bigger than Steve's doghouse". Carl provided an exciting lecture on marine ecosystems with a morning nature walk. We were all fascinated with the abundance of life in the tidal areas.

Moosehorn Refuge provided a day trip to view management activities - just be concerned about killer pine cones.

The first weekend was the arrival of the much awaited white water canoe trip on the Dennys River. The trip went smoothly with no casualties as in years past. Eagles and Ospreys were sighted often and moose met everyone as they rounded the corners.

The second week was spent working on independent projects. Craig McLaughlin took over and gave us more insight into our studies. Data was collected, analyzed and presented at the end of the week. There were a lot of late nights and a lot of coffee consumed. Oh, we must not forget the final exam - know everything!

Throughout the weeks spent together, the long nights and early mornings, the students learned a lot about the field of wildlife management but they also learned a certain camaraderie with their classmates. Dr. Dan Harrison provided us with the opportunity to learn a lot and live some too. His down-to-earth persona allowed all of us to smile when things seemed at their worst. Led by our fearless leader we will carry many memories with us away from this place: Midori, Frank, and Sunday morning Egg McMuffins.

Kelly J. Rogers  
Cathi Eliopoulos





*One-third of the United States  
is covered with forests. Of our  
nation's 2.3 billion acres of land,  
731 million acres are forested -  
about two-thirds of the forest  
cover that existed in the 1600's.*

