

# SOCIETY OF AMERICAN FORESTERS

The Society of American Foresters is a national organization that encompasses all aspects of Forestry. The organizational structure consists of a national base which is further divided into regional, state, local, and student chapters. As a S.A.F. member you are provided with the opportunity to meet and possibly work with people in the profession. Students are encouraged to join through incentives such as free books and free life insurance.

This year's enrollment of new members has seen an increase following a slump of the past few years, which is great news. We are ranked third in the nation for the number of new members recruited into the Society. Our current membership is 52 students. Let's keep up the good work.

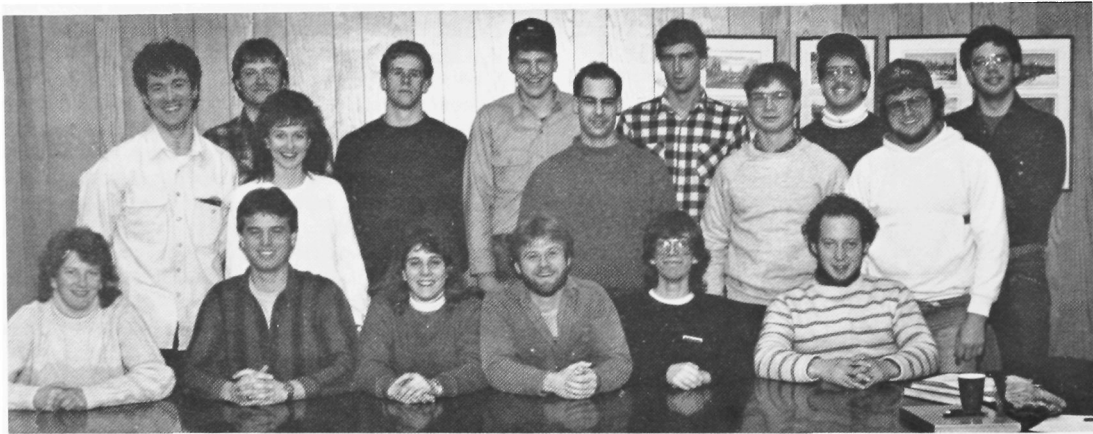
Some of the community service projects include having the annual booth at the Common Ground Fair in Windsor, Maine. This booth is set up by the chapter to provide forestry information to the public. This event is very educational for all, in that the public get information and the students learn to enhance their public speaking skills. The student chapter also helps maintain a portion of the Appalachian Trail near Caratunk, Maine.

This year the student chapter has been busy fund raising. These activities include a t-shirt sale with the new logo. Thanks Jeanette. We are also planning to sell college window stickers later in the spring. Other fund raising ideas include a car wash and bowl-a-thon. We hope to raise enough money to send a couple students to this year's national conference in Washington D.C.

The student chapter sponsors guest speakers at chapter meetings and noon time seminars. This year we've had Dr. Seymour speak on the new Registered foresters licensing laws in Maine. This was a very informative session on what is to come for students planning to be licensed foresters in Maine. We also, sponsored a noon time seminar on the Southern Pine Beetle: A Forest Management Problem, put on by Dr. Richard Goyer from the University of Louisiana. We hope the spring semester will allow more speakers and field trips.

The Society is an important part of a foresters life. The Society provides support in the profession and is willing to listen to the needs and concerns of students. I personally encourage all forestry students to join and participate. Let's make next year the best S.A.F. has ever seen.

Officers  
Jeffrey E. Meserve  
Chairman  
Glenn Sheehan  
Vice-chairman



# FORESTRY ON THE FRONTIER

The Society of American Foresters National Conference was a very interesting and educational experience. Cindy Gamron and I left on Saturday morning in the midst of hurricane Hugo for our venture west. We hopped from plane to plane across country until we finally arrived in Spokane, Washington. After landing, we hooked up with a gentleman from Alabama with whom we shared a cab. We dropped the luggage off at the motel and headed for the conference center eight blocks away. Upon entering the huge lounge to register, Cindy immediately honed in on some students from University of Minnesota that she had met at last year's national meeting in Rochester, New York. Little did we know that we would soon become friends and spend the next few days together.

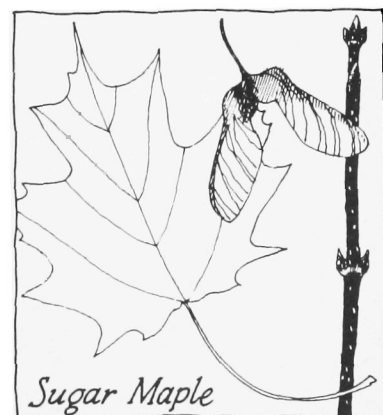
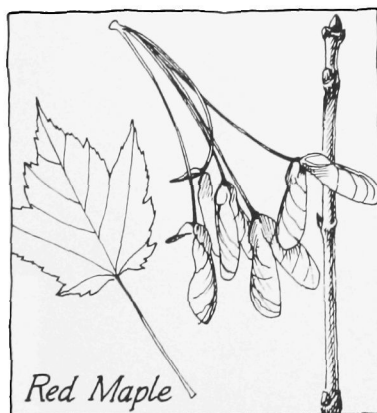
Early the next day we began our student tour, of the Northeastern Washington state. Talking with the students from the area, we learned about fires, water problems, various tree species and their ranges, and other local forestry issues. We met an old forester that claimed he had hiked through most of the forest at one time or another. This contributed to his vast knowledge of the history of the area we were visiting. Our destination was the Sullivan Lake Ranger District of the Colville National Forest. This area includes provisions for forestry, wildlife, and various aspects of recreation.

The national meeting began Monday morning focusing on resource management problems in different areas of the United States and parts of Canada. The topics of the different sessions covered various aspects of forestry including ecology, soils, harvesting, and wildlife. Each of the speakers presented their views on these problems as they tried to convey an urgency for foresters and natural resource managers to look to the future and plan.

In addition to the technical sessions, there were several other activities including a student speak out, where students could voice opinions and ask questions of the Society and its policies. There was also an ice breaker that provided an opportunity for friends to catch up with each other and students to meet elders in the profession. On Tuesday morning the Society planned their annual fun run/walk. Approximately 250 people participated.

As a student, I encourage other students to attend future meetings because the opportunities are limitless. The next conference is in Washington, D.C. from July 29 -August 1, 1990.

Jeffrey E. Meserve



## ***THE STUDENT ADVISORY COMMITTEE***



The Student Advisory Committee to the Dean is a group of student leaders representing every student organization in the College of Forest Resources. We meet with the Dean and the Assistant Dean once every two weeks to discuss affairs concerning the student body in the college. Fund allocations such as student group budgets and money for broomball games are discussed as well as planning bonfires and fall and winter field days. The group plans the student-faculty coffee hours and is involved in the promotion of the college to new undergraduates. The committee serves as the liason between the student body and administration.





# Xi Sigma Pi

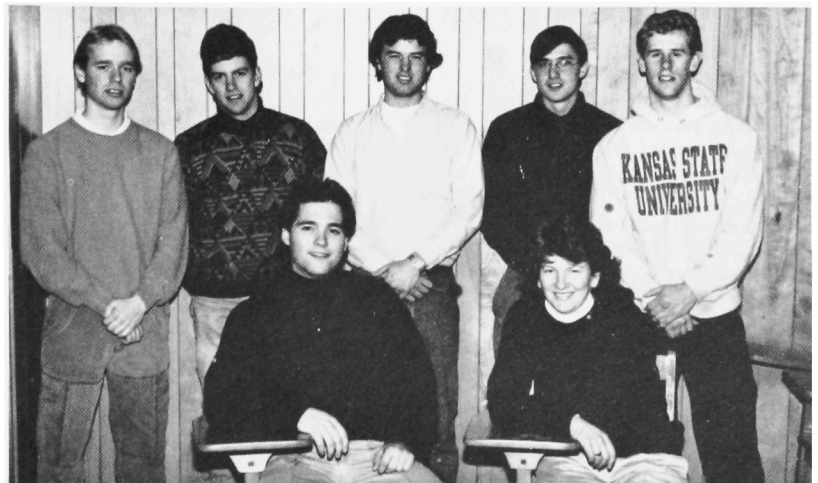
## Forestry Honor Society

Xi Sigma Pi is the national forestry honor society which recognizes those students who excel scholastically and have a strong interest in the field of forest resources. The Gamma chapter has strong roots at the University of Maine, dating back to 1917 when it became the third chapter established in the nation. The activities and services the chapter carried out during the year were directed towards the society's objectives. They were to maintain a high standard of scholarship in forestry education, to work for the improvement of the forestry profession and to promote a fraternal spirit among those engaged in activities related to the forest.

This years activities included another record breaking annual Christmas tree sale, with the proceeds going towards scholarships and awards. The annual Christmas party held for children of faculty, staff and students received a surprise visit from Santa himself. The Xi Sigma Pi Awards Banquet and the tense but exciting initiation round out the years activities.

### Officers and Members:

Forester: Patricia Heppner  
 Assoc. Forester: Charles Gaura  
 Ranger: Vivian Buckley/Steve Richardson  
 Secretary: Peter Migliccio  
 Fiscal: George Meyer  
 Members: Kim Figlar  
 Gerry Hayes  
 William Jewell  
 Christina Liros  
 Lucy Newton  
 Peter Reaman  
 Initiates: Doug Ahl  
 Peter Forester  
 Sarah Kemsura  
 Laurie Mattila  
 Amy Meehan  
 Tom O'Shea  
 Stacy Proudman  
 Glenn Sheehan





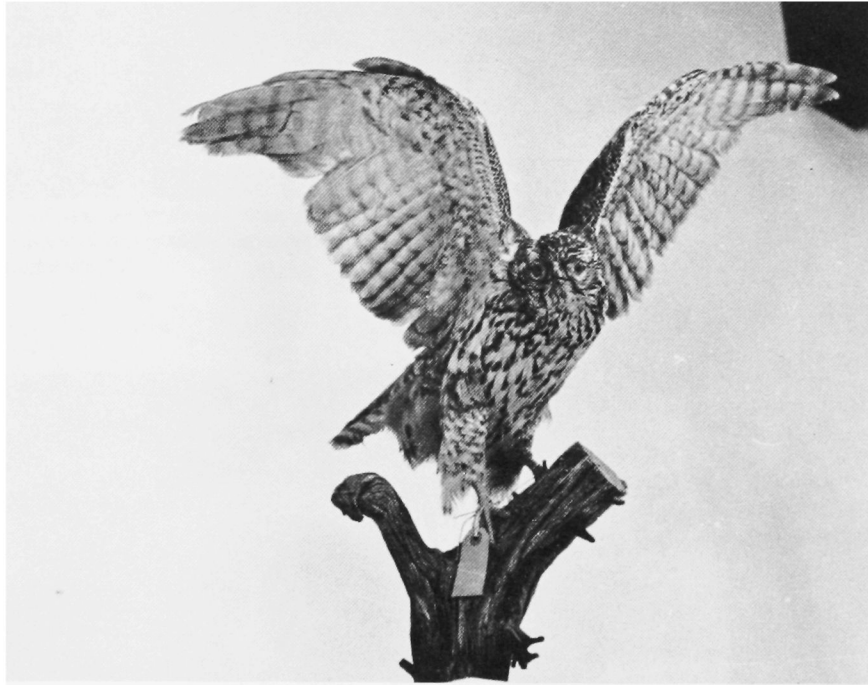


## The University of Maine Student Chapter of The Wildlife Society

The Wildlife Society had a busy year in 1989. In addition to our usual projects, the wood duck boxes, the Game Banquet and the Sportsman's Show, we hosted the 20th Annual Northern Student Wildlife Conclave. Eight schools from around the northeast sent delegations to compete in our quiz bowl, attend workshops and hear several guest speakers. We also had a little snow to give everyone a taste of what Maine is really like! To end the weekend, Mark McCollough gave a talk on the Maine Caribou Project at the banquet and then gave everyone a tour of the caribou pens on Sunday.

A whale watch started off our fall semester. We also spent several days working on the wood duck boxes. Shahid Ali gave a talk at one of our meetings on Indian wildlife and Lucy Newton followed with a talk on the School for Field Studies and African wildlife. To end the year, Eleta Vaughn gave us a slide tour of the Appalachian Trail.

The officers for 1989-90 are; Scott Hedges, President; John Gunn, Vice President; Angie King, Treasurer; and Stacey Proudman, Secretary.



## THE WOODSMEN TEAM



The Woodsmen Team has been a UMaine tradition for over 40 years. Since the 1940's we've been competing in such events as crosscut, bowsaw, log roll, axe throw, speed chop, pulp toss, and quarter split. The events are meant to simulate the logging activities of the turn of the century.

Practices are informal and are held whenever anyone can make it up to Roger F. Taylor Hall, which is better known as "the shed." The shed made a little trip across the stump dump this summer in order to avoid being dozed over and turned into a parking lot. (we'd like to thank Chuck and Steve for their help in the relocation.) The team is happy with our new home as it is tucked away in a pleasant wooded setting.

Once the shed had recovered from the move, the team was ready to practice for the fall semester meets. The first competition was at Unity College followed by a very successful trip to the University of Vermont's first annual Woodsfolk's Meet. We also participated at the Common Ground Fair by putting on a demonstration of our talents. The spring semester will include traveling to UNH and then down the road to Colby College. The grand finale will be here, when the University of Maine will host the 43rd Annual Spring Woodsmen Competition, bringing over 30 teams from all over the Northeastern U.S. and Canada. Lookout Orono.

## JUNIOR SUMMER CAMP 1989

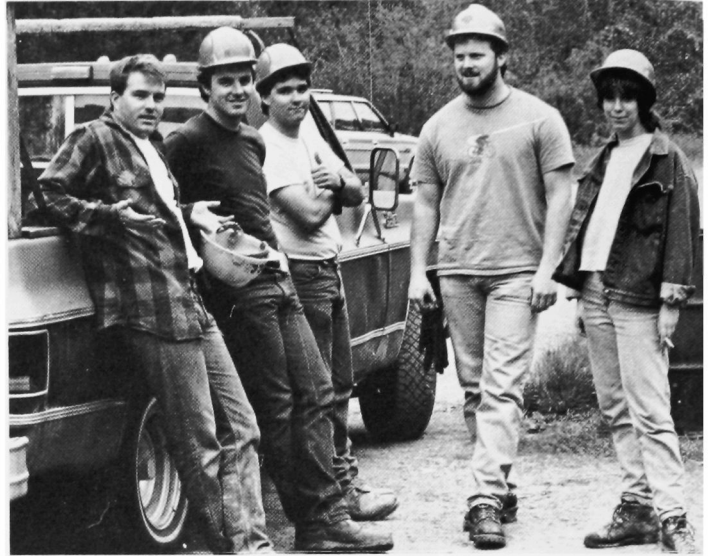
This year's summer camp started off with a tour of the paper machine in Jenness Hall. Followed by a lecture from Stan Marshall on the finer aspects of paper manufacturing and Bar-B-Q potato chip flavoring. In the afternoon we all boarded the world famous College of Forest Resources bus and trekked to Bucksport. With hard-hats in hand we toured the Champion Paper Mill.

Chick Hill was the objective Tuesday morning, as they were not ready for us at Peavy Manufacturing to tour the mill and foundry. Afternoon brought the tour of Peavy Mfg. and a trip to a horse logging operation in Eddington.

Mid week meant a mini-vacation to Acadia National Park. Led by our own Dr. Floyd Newby we found that there is more to running a national park than meets the eye.

Thursday brought another day trip. This time we went to Robbins Lumber and Christmas Tree plantation in Searsmont. The tour included the mill, woodlands and Christmas tree plantation.

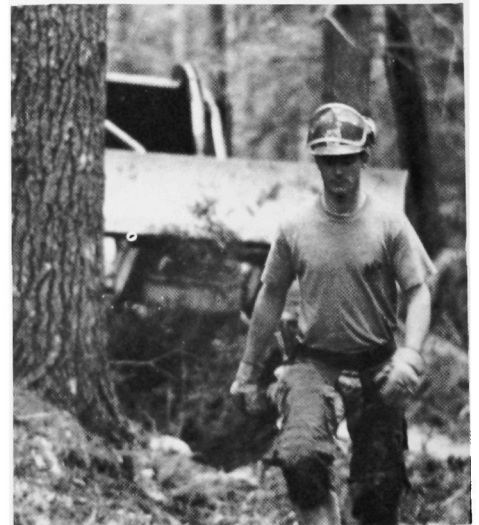
Friday was spent in the woods with Dr. Brann at the helm. Chainsaw safety and techniques such as directional felling, delimbing and chainsaw throwing were the topics of the day.



The second and third weeks of May-term were spent in the University Forest. During the second week mornings and afternoons were spent one of two ways: either at the harvesting site yarding wood cut by the participants of sophomore summer camp or filling potholes and replacing culverts in the Sewell Pine Rd. Good thing we had the backhoe? Each crew also spent one day in Winterport helping the sophomores with their cruising project.

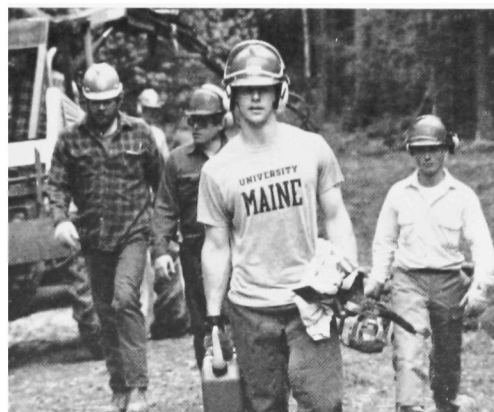
The last week of camp brought the College of Forest Resources production of "Bridge on the River Kwai". Complete with lunch breaks at Yianni's. The days with the Skid Steer were a learning experience to say the least. When the crawler tractor was commended things began to move along. By Thursday afternoon the embankment was replaced with a retaining wall and the stringers were laid. Friday brought completion of the bridge deck and Junior Camp '89.

Karl Stuart

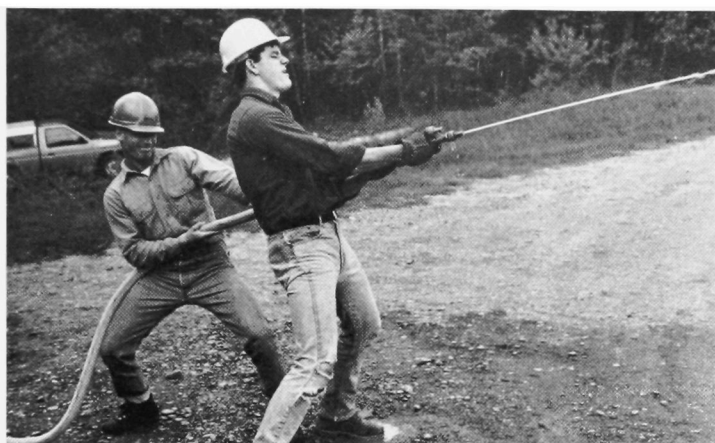




Five o'clock whistle. Time to Head for the Mountains.



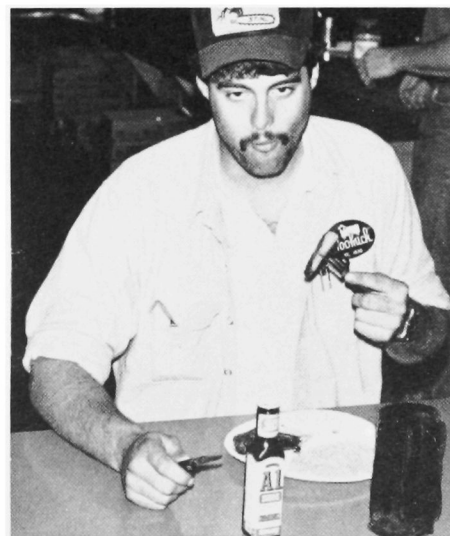
Typical Ford



Ah; thats Relief



Now there's the eject button



So much for that extra strength Polydent.

# SOPHOMORE SUMMER CAMP 1989

In the spring of 1989, on a cold May morning, a group of young, wanna-be foresters set out on an excursion through the Maine woods. The bus was loaded and packed by 8:00 a.m. and things appeared to be running smoothly, when four bright and budding forest engineers arrived a tad unprepared. This trip was to last one week, and all were asked to bring enough gear to last the entire week. Upon entering the bus these "swampers" were struck with the brutal realization that they were not adequately supplied. After deciding that a notebook and pencil would not provide ample nourishment for an entire week, they decided to run home and quickly gather some food and clothing. Well, we were finally able to depart an hour later once these gentlemen returned with what little they could dig up around their apartments. After our one hour delay, the big blue bus departed from Nutting Hall loaded with students, gear, a dog, and Mad Max behind the wheel.

Our first stop was at the Scott Paper woodlands where we were guided by a forester who explained the intensive management practices of the company on their Maine woodlands. We toured the woodlands and were finally seeing forestry outside the pages of a textbook and lecture hall. Everyone was encouraged to ask questions and gather as much knowledge as possible, which proved to be very helpful in bringing together all of the knowledge which we had formally acquired at the university. After spending the day at Scott, we traveled to a logging camp on Great Northern land to spend the night. The following day, we toured Great Northern's woodlands, and were treated to yet one more view of industrial forest management. We returned to the logging camp late in the afternoon to finish out the day.

The realization that we were deep in the Maine woods caused some of the group to try to get in touch with their natural instincts. We wandered out of the camp and down the logging road like a group of seventeenth century Penobscot Indians on a quest. After swimming in the ice cold river, we decided that it was time to go hunting. The circumstances seemed perfect since every five minutes a group of ducks would come flying by our swimming hole. Off to the bridge we went, where we gathered a complete armament of rocks and waited for their next fly-by. All of a sudden, someone yelled "DUCKS" and the shelling began. After repeating this ritual five or six times without any success, the chief decided it was time to hunt small and dwelling game. With his trusty dog by his side, and his spear in hand, the chief set out in search of a rabbit. As it turned out, he never got his rabbit due to the astute instincts of his dog, who thought it would be more effective if he took control and tried to capture the rabbit himself. It was starting to get late, so we all scurried back to camp feeling fortunate that we did not have to live a hunter/gather lifestyle.

The next day we had a long journey down the Golden Road on our quest to leave Great Northern land and venture onward to Champion land. On the way, we witnessed a dozen moose and abundant osprey living in their natural environment. Before leaving Great Northern land, we entered a side road which was off limits to the public due to its unmonitored access into Canada. When we entered, we believed this to be the reason, but after driving a little further, we knew this was not the only reason for the road's limited access. It turned out that we were driving alongside of the "Rag-muff" clearcut. We had seen what some people called clearcuts during the previous days, but this was almost bewildering, due to the fact that it encompassed one third of a township. After a very intellectual discussion on this cut, we ventured onto Champion to obtain one more perspective on industrial land management and silviculture. These three different views epitomized the fact that nothing in the forestry field is cut and dry. It also left us with a very strong information base to continue on in our education.

After our week in the wilderness, we returned to Orono to obtain some very important practical skills. Each person was given the chance to methodically fell trees, which proved to be a valuable lesson in chainsaw safety. Not only was practice gained in using a chainsaw, but we also learned how to run a backhoe and to set culverts. After two weeks and three days we were beginning to get anxious to begin our summer vacation, but we still had to learn how to fight fires with the Maine Forest Service. No matter how bad the black flies were, or how labor intensive the training could have been, this proved to be the grand finale to summer camp. We left the Forest Service station in Old Town with a Vietnam Vet as our pilot and were treated to an exciting helicopter ride to our training area. Absolutely amazing!

Unfortunately, we were not able to get fire training everyday for three straight weeks, but we did leave sophomore summer camp with a great deal of confidence and experience. The three weeks helped us to bring together all which we had previously learned, and equally as important, it also provided us with a strong knowledge base to use to try to master our upcoming academic challenges the next time we all assembled in Orono.

Peter Forester







You put your right foot in . . . you put your right foot out. . .



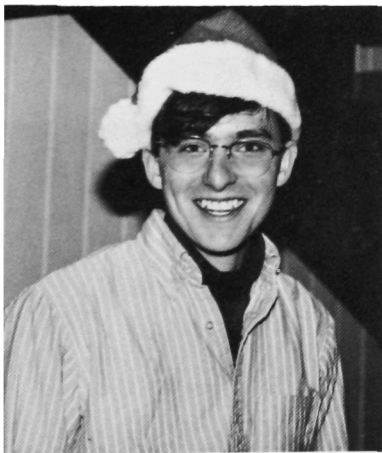
Waaaiiitt!



Any last requests?



Is it a boy or a girl?



I don't want to be a forester,  
I want to be a dentist!



Aawww, the dog wet on the picnic basket!

## WILDLIFE SUMMER CAMP 1989



Welcome to WLM 250! Your thrilling three week adventure begins by rising at 6:00 am to canoe down Pushaw and Dead Streams to check woodduck boxes! Spend an exciting day watching ospreys at Pond Farm (and don't forget your hip waders! You'll need 'em to tromp through the marsh!)) Next, witness state biologists trap and radio collar a black bear! And finally, end your first week with an exciting two day adventure tracking a radio collared fisher at Toddy Pond! Don't plan on getting too much sleep! But wait! There's still more to come!

Your next two weeks are spent at Cobscook Bay in the "booming metropolis" (a little sarcasm there) of Dennysville, Maine. Spend 3 whole days studying a burn in Moosehorn National Wildlife Refuge! Learn more than you care to know about the famous Maine black fly! While at Cobscook Bay, you will work on the fisher project, talk to biologists and game wardens, and best of all, conduct your own research project! You want to see wildlife, you say?! Well, Cobscook Bay has it all! Starfish, sea urchins, scallops, woodcock, gulls, songbirds, rabbits, seals and best of all, bald eagles! Don't forget to study those plants and bird calls! And don't forget your insect repellent!

Your guide for these three weeks is the well known and loved wildlife faculty member, Dr. Dan Harrison.

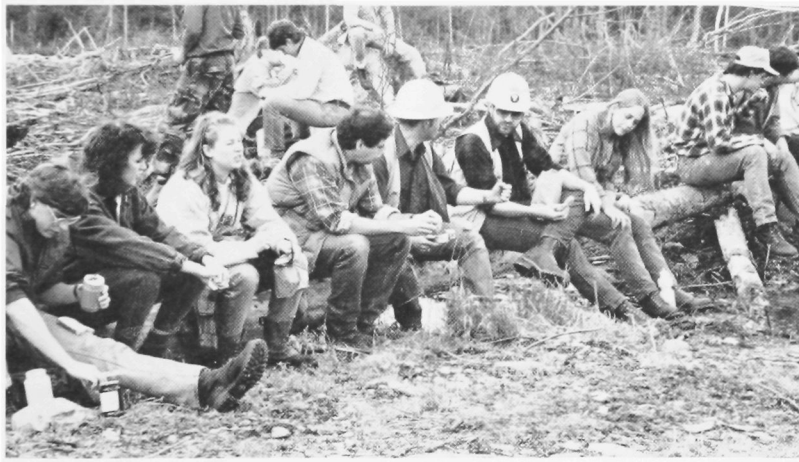
The students of the 1989 Wildlife Summer Session really had a great experience (even though we tended to complain a lot). We got to know each other a little better - we listened to Rich and Scott sing, played poker, fished, played basketball, volleyball (watch out for Dr. Harrison's spike!), talked our ears off, and of course, played hacky sack (Sweet! huh, Chris!). And no one will ever forget our white water canoe trip, especially Amy and John! How cold was the water? We also spent time studying and learning a lot about wildlife and some important field techniques. We designed our own studies, carried them out, wrote about them, and presented them to the class. Best of all, we had fun doing it. We want to thank Dr. Harrison, Steve Arthur and Eleta Vaughn for all their help - and for putting up with us! Wildlife summer camp was a great experience and I hope future classes enjoy it as much as we did.

Amy Meehan





Only two more payments left and this baby's mine.



When E. F. Hutton talks



On the Magic Bus



# GRADUATE STUDENT DIRECTORY

## M. S. CANDIDATES

- Beverly Agler  
P. O. Box 459, Bar Harbor, ME 04609  
Thesis Topic: Photo-identification of Finback whales in the Gulf of Maine.
- Michele Benoit  
19 Park Street, Orono, Maine 04473  
Thesis Topic: Response of sugar maple seedlings to harvesting disturbance
- Brian Bogaczyk  
240 Nutting Hall, Orono, ME 04469  
Thesis Topic: Parasites of Maine Cervids
- Randy Boone  
253 Estabrooke Hall, Orono, ME 04469  
Thesis Topic: Birds and Agriculture
- Holly Devaul  
341 Grove Street, Bangor, ME 04401  
Thesis Topic: Use of area occupied method to survey Woodland Hawks in Maine.
- Harry Dwyer  
P. O. Box 277, Jay, ME 04239
- Throstur Eysteinnsson  
23-H University Park, Orono, ME 04473  
Thesis Topic: Flower Stimulation in larch
- Brian Gray  
240 Nutting Hall, Orono, ME 04469  
Thesis Topic: White-tailed deer nutrition in relation to wintering areas.
- Peter Linehan  
22A University Park, Orono, ME 04473  
Thesis Topic: Development of an expert system to classify forest lands for timber harvesting
- Tom Paragi  
32A Pierce St., Orono, ME 04473  
Thesis Topic: Reproduction in fishers
- Tami Rudnicki  
19 N. Brunswick St., Apt. #1, Old Town, ME 04468  
Thesis Topic: The effects of clearcut size on bird species richness and nest predation rates
- Midori Saeki  
156 Park St., Apt. C6, Orono, ME 04473  
Thesis Topic: Influence of browsing by white-tailed deer and snowshoe hare on vegetation at Acadia National Park
- Bob Schooley  
32A Pierce St., Orono, ME 04473
- Andy Whitman  
78 Pine St., Orono, ME 04473  
Thesis Topic: Seed dispersal by wildlife in Oak-Pine forest

## PH. D. CANDIDATES

- Sahid Ali  
213 Estabrooke Hall, Univ. of Maine, Orono, ME 04469  
Thesis Topic: Breeding ecology and population dynamics of selected galliforms on the Siwalik Hills, India
- Magangu T. Enama  
B.P. 48.46 Kinshasa/Gombe, Zaire  
Thesis Topic: Habitat selection by the African buffalo in Virunga National Park, Zaire
- MaryAnn Fajvan  
RR2, Box 26, Carmel, ME 04419  
Thesis Topic: Growth and development of *Pinus strobus*, *Tsuga canadensis*, *Picea rubens* in mixed stands in Central Maine
- Craig A. Maclean  
Old Town, Maine
- Tom McCall  
P. O. Box 108, Orono, ME 04473  
Thesis Topic: Relationship between beaver and waterfowl
- Xiandong Meng  
71 Spring St., Stillwater, Old Town, ME  
Thesis Topic: Growth and biomass production of young spruce/fir stands in Northern Central Maine
- Robert B. Rohde  
100 Main St., Orono, ME 04473  
Thesis Topic: Forest covertype classification with three satellite sensors
- Dick Schaertl  
14 Winterhaven Drive, Orono, ME 04473  
Thesis Topic: Growth response of spruce/fir and vegetation change from herbicides in Maine
- Yu-Guo Huang  
119 Park St., Orono, Me 04473  
Thesis Topic: Japanese Larch seedling vigor evaluations and vigor variation among families

