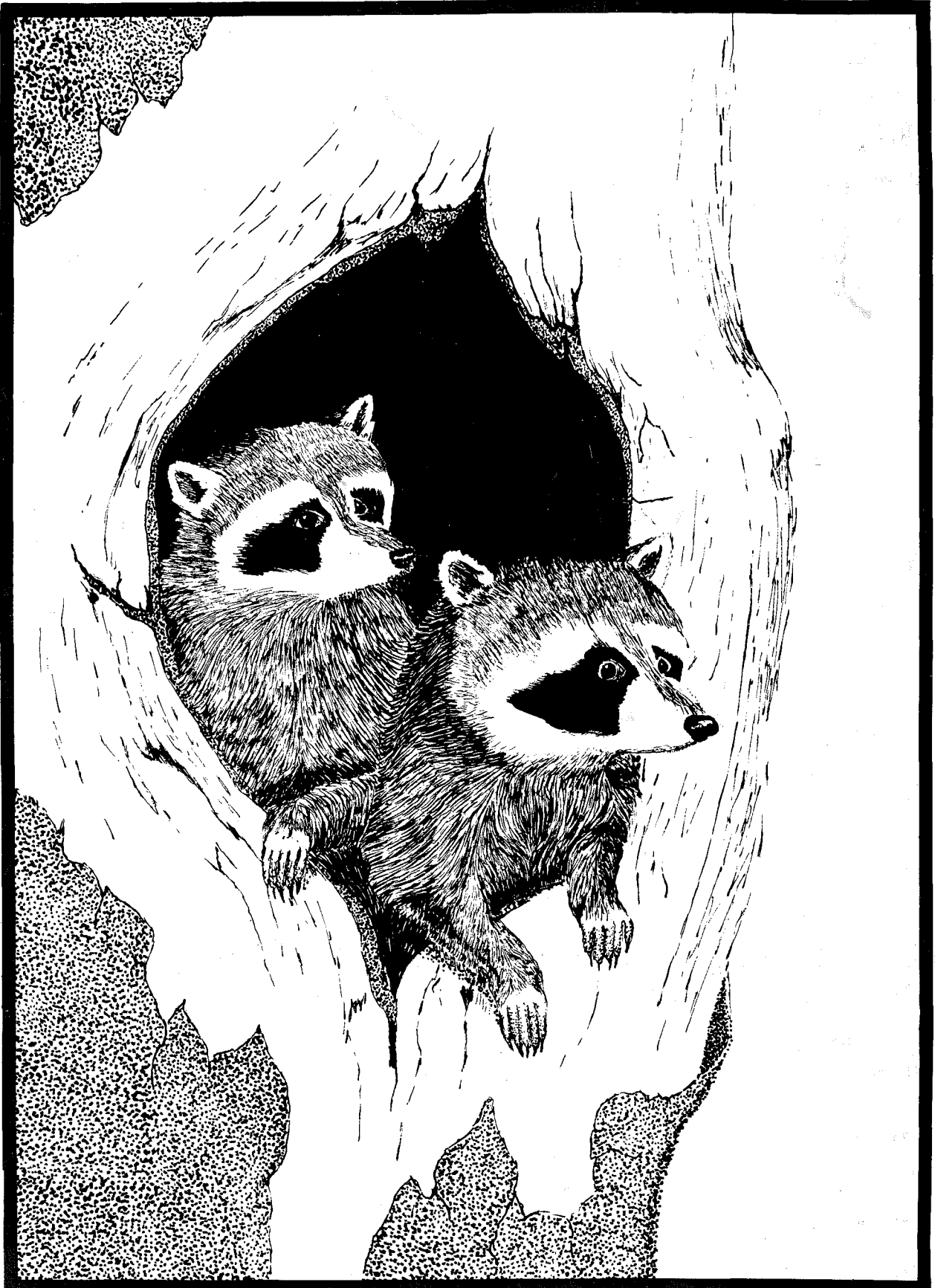


*Forestry file*

# 1983 PARDOUE LOG

D30-1983





published by

**Purdue Log**

Department of Forestry  
and Natural Resources

West Lafayette, Indiana 47907

Dedicated to the faculty and staff,  
-upon finally getting rid of the class of  
1983.

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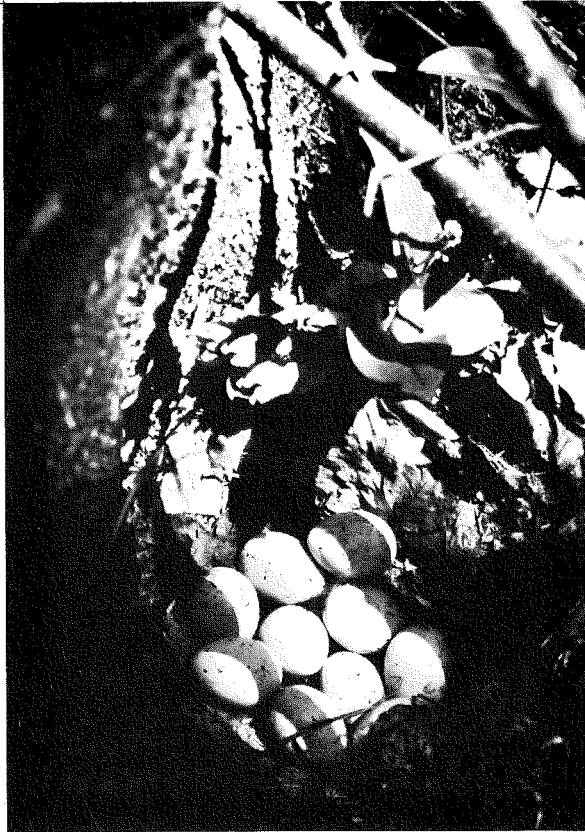
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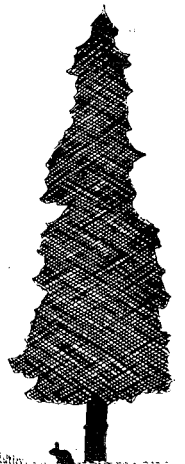
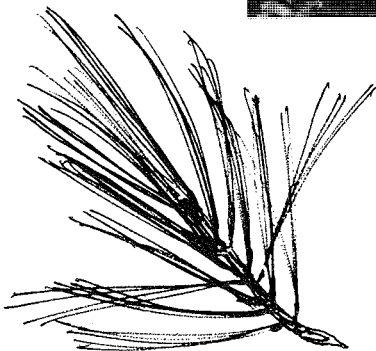
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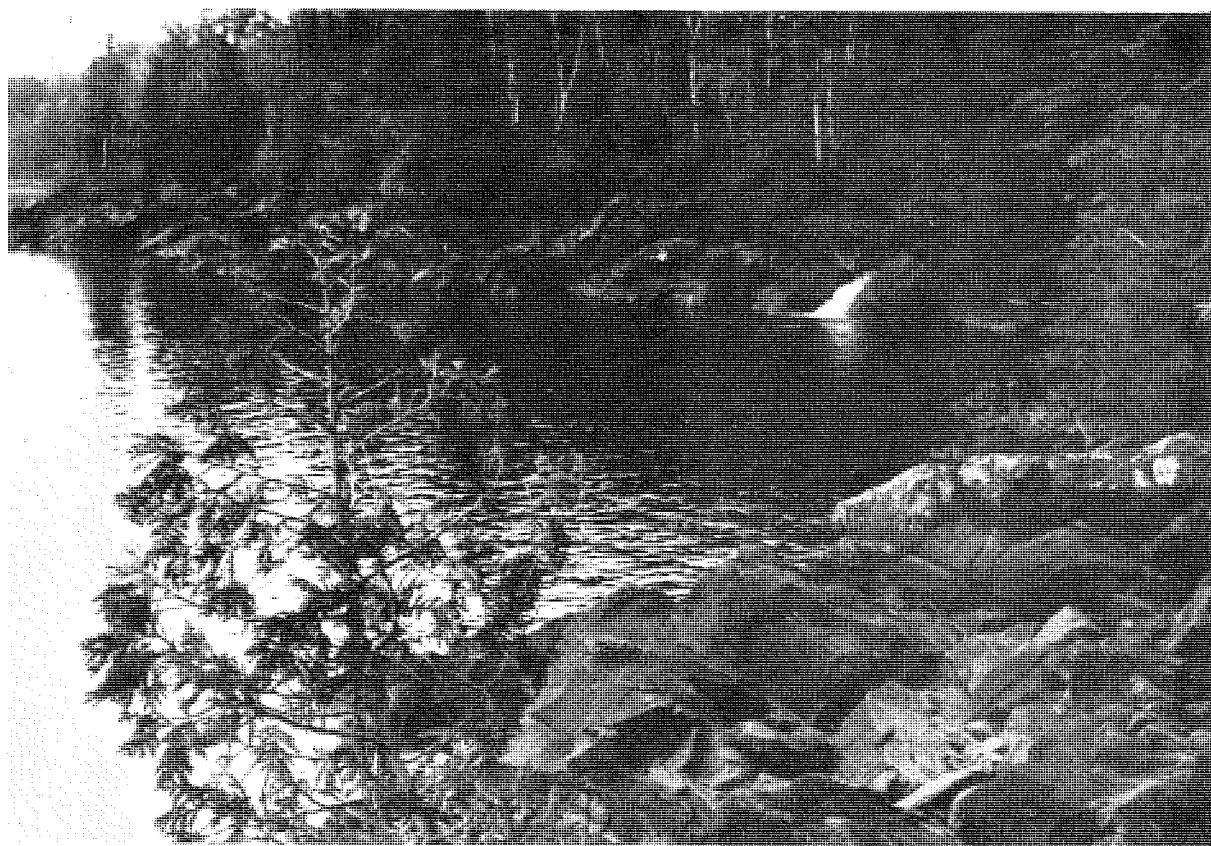
"The inevitable mark of wisdom is  
to see the miraculous in the common."

-Emerson



"There is an eagle in me and a mocking-  
bird...and the eagle flies among the  
Rocky Mountains of my dreams and fights  
among the Sierra crags of what I want...  
and the mockingbird warbles in the early  
forenoon before the dew is gone, warbles  
in the underbrush of my Chattanooga of  
hope, gushes over the blue Ozark foothills  
of my wishes-and I got the eagle and the  
mockingbird from the wilderness."

-Carl Sandburg  
"Wilderness"



## "The Spirit Of A Forester"

There is a secret in Dr. Robert Perkins' life that everyone should know. Dr. Perkins wouldn't tell you about it himself but it's such a wonderful secret that it should be shared.

The secret is not that Dr. Perkins has been involved in forestry since he was a youngster, having grown up in Rhode Island where his father owned and operated a sawmill.

The secret is not that Dr. Perkins received all his degrees-- Bachelor's, Master's, and Doctorate --here at Purdue, and that he even took classes from Charlie Miller.

The secret is not that Dr. Perkins farmed for six years because he treasures independence, and wanted to be his own boss. Nor is it that he joined the faculty of Purdue's forestry department in 1956 because it gave him a chance to work in forestry while retaining much of his independence.

Finally, the secret is not that for 28 years Dr. Perkins has proved himself to be an outstanding instructor, concerned about the progress of his students as well as enthusiastic about the material he expounds upon. Dr. Perkins has also been an outstanding researcher in the field of forest timber harvesting and wood utilization, but that's no secret, either.

The secret Dr. Perkins has that we should all share is the secret of an indomitable spirit. Dr. Perkins has endured triumphs, failures, joys, and sorrows with quiet, unwavering courage. Dr. Perkins also has a determination not to let life's vagaries get him down, and to take an active, lively interest in the world around him. We should strive in the next 40 years to develop just such an outlook, just such an indomitable spirit. If, in the year 2023, we can say that through discipline, hard work, faith, or luck we learned to look at life this way, then we can say that it was all worthwhile.

For now, though, we say goodbye to Dr. Perkins as he takes leave of Purdue's faculty. He has said that he is going to set aside his forestry work and concentrate on other interests which have had to sit idle over the years. Dr. Perkins has always been devoted to his family, and now will be able to spend more time with his son. Dr. Perkins also has a long-time love for black powder muskets, muzzle-loading rifles, and the early American history they are associated with.

We wish you the best of times and many joys to come, Dr. Perkins. We will try to remember, as we go out into the big, wide world, your secret of an indomitable spirit.

-- Pete Leonard

# WHAT ARE YOUR OPTIONS??

What are options in forestry? Options are the building blocks that make up the forestry professional curriculum. The different options offered at Purdue include urban forestry, forest recreation, forest products, wildlife management, and forest management. When considering which option to choose, salary, physical requirements, personality characteristics, and education must be considered. The professors that I interviewed about the different options all stressed these common traits: 1) you must have the ability to get along and communicate with people, 2) option related summer employment is important, and 3) extracurricular activities while in college are helpful.

## FOREST PRODUCTS OPTION

In the forest products option, the person is responsible for the wood once it has left the hands of the forest manager. According to Dr. John Senft, there are two industries that one may become involved in. The primary industry includes the saw mill, log buying, lumber production, veneering, plywood, and particle board. The secondary industry includes furniture, housing, and lumber sales. The forest products curriculum consists of classes in logging, harvesting, wood anatomy and properties, forest products and processes, physical and mechanical properties, marketing, particle board manufacture and use, management, economics, engineering, and mechanics and strengths of materials. Dr. Senft said that industries look for sharp, intelligent, aggressive individuals that have a knack for problem-solving. The ability to get along with people and manual dexterity are also important traits. Dr. Senft also said that usually one or more undergraduates are needed to assist in departmental research. There is excellent placement in this option, usually 80-100% placement. The average salary is \$17,500. However, salaries may range from \$15,000-20,000.

## WILDLIFE MANAGEMENT OPTION

Purdue is the only university in the state of Indiana that offers a wildlife curriculum. After graduation, a wildlife manager may work for the Forest Service, Bureau of Land Management, Fish and Wildlife Service, or on the state level. Some graduates also choose to attend graduate school to prepare for careers in research. If one becomes employed by the forest service, one could be assessing impacts of forest management practices on wildlife. With the Bureau of Land Management one may be an interpreter or naturalist, and at the state level, one may pursue research, become a management biologist and assist private/public landowners with advice or work for a private industry and evaluate the effects of current practices on wildlife. In the wildlife management curriculum courses in communications, statistics, and computer science are required along with wildlife ecology and management.

Wildlife managers may possess all kinds of personality traits but the ability to get along with people is most important because most of wildlife management is ultimately people management. Enthusiasm and willingness to work long hours are also important. Dr. Harmon Weeks strongly suggests involvement with Purdue Wildlife Society because through this organization one can do volunteer work and gain valuable experience in the wildlife area.

At the present time, placement after graduation is low because of cutbacks in federal spending and economic slow down. A B.S. is essential, and if one wants to ensure employment, especially in research, a M.S. is recommended. Salaries may range from \$8,000 to \$17,500, the average salary being \$13,000.

## FOREST MANAGEMENT OPTION

A forest manager must have knowledge about tree planting, silvicultural timber appraisal, resource measurements, land and timber acquisition, harvesting, and timber stand improvement. The forest management curriculum includes courses in communications, quantitative sciences, statistics, accounting, surveying, computer science, and management.

After graduation, the forest manager may seek careers with private industry, federal, state or local governments, educational institutions or as consulting foresters. The average salary for a forest manager is \$17,000; however, salaries may range from \$13,000 to \$22,000.

## FOREST RECREATION OPTION

In the forest recreation option, the person is trained to manage forest and land resources for human recreation. There are three main job fields: recreation management, interpretation, and recreation planning. Typical starting jobs include assistant park manager, or "ranger," park naturalist or interpreter, and assistant planner or consultant aide. Employment may be on the Federal, State, Local, or Private level.

The forest recreation option offers the strongest personnel and business management curriculum of any other option. Two accounting courses and one personnel course is required. Other courses include basic sciences, communications, and computer science.

Dr. Douglas Knudson says that a forest recreationalist must have patience, the ability to work with people, and the "imagination to work with scientific expertise." He also suggests getting involved with Purdue Recreation and Parks Association. This organization provides professional experience and leadership.

The forest recreation option is competitive, and employers only hire the top 10% of applicants. Average salary for a forest recreationalist is \$14,000; however, salaries range from \$8,000 to \$15,000.

## URBAN FORESTRY OPTION

In the urban forestry option, the forester works with managing trees in urban areas, and may be concerned with the upkeep of shade and ornamental trees and suburban woodlands and parks. Employment is generally with city and county governments, landscaping contractors, public utility companies, and street and highway departments.

The urban forester must have the ability to work with people.

The urban forestry curriculum includes courses in agronomy, botany, entomology, landscape management, and forest pathology.

Average salary for an urban forester is \$14,000 and salaries may range from \$9,000 to \$16,000.





LUMBERMAN'S DREAM

by Paul Sherwood

This song was inspired by Dr. Charley Miller, who had a chance to live it.  
It's about the kind of men and a way of life that are only memories;  
That isn't to say it was a good life,  
But simply that it was a true expression of America.  
It was, perhaps, the ugly side of our cultural childhood,  
But it left us with enough stories and legends  
To fill scores of songs and poems.  
Who were these men, and how did they feel?  
Charley knows.  
But it's all gone now...forever, and I'm sorry for that.  
I'm sorry for us.

*Came an icy Nor-wester for to blow down the trees  
Ho! The buckers, and the sawyers, iron donkeys and me  
Shoulder your axe boys, for the wind's on the lee  
She'll roll down the mountain, a lumberman's dream.*

*Hidee Ho, Yo! Workin' big timber  
Fallers jump the springboard your mothers would plead  
Pigs in the river, so nimble and limber  
My sweat's in my bucksaw, my blood's in the trees  
Hidee Ho, Yo! Workin' big timber  
My sweat's in my bucksaw, my blood's in the trees.*

*Lightning, hot lightning, all hell's in the sky  
Yard up the timber, high lead 'n high line  
The cable's a snappin', brings a man to his time  
Rock of Ages in the churchyard in meter and rhyme.*

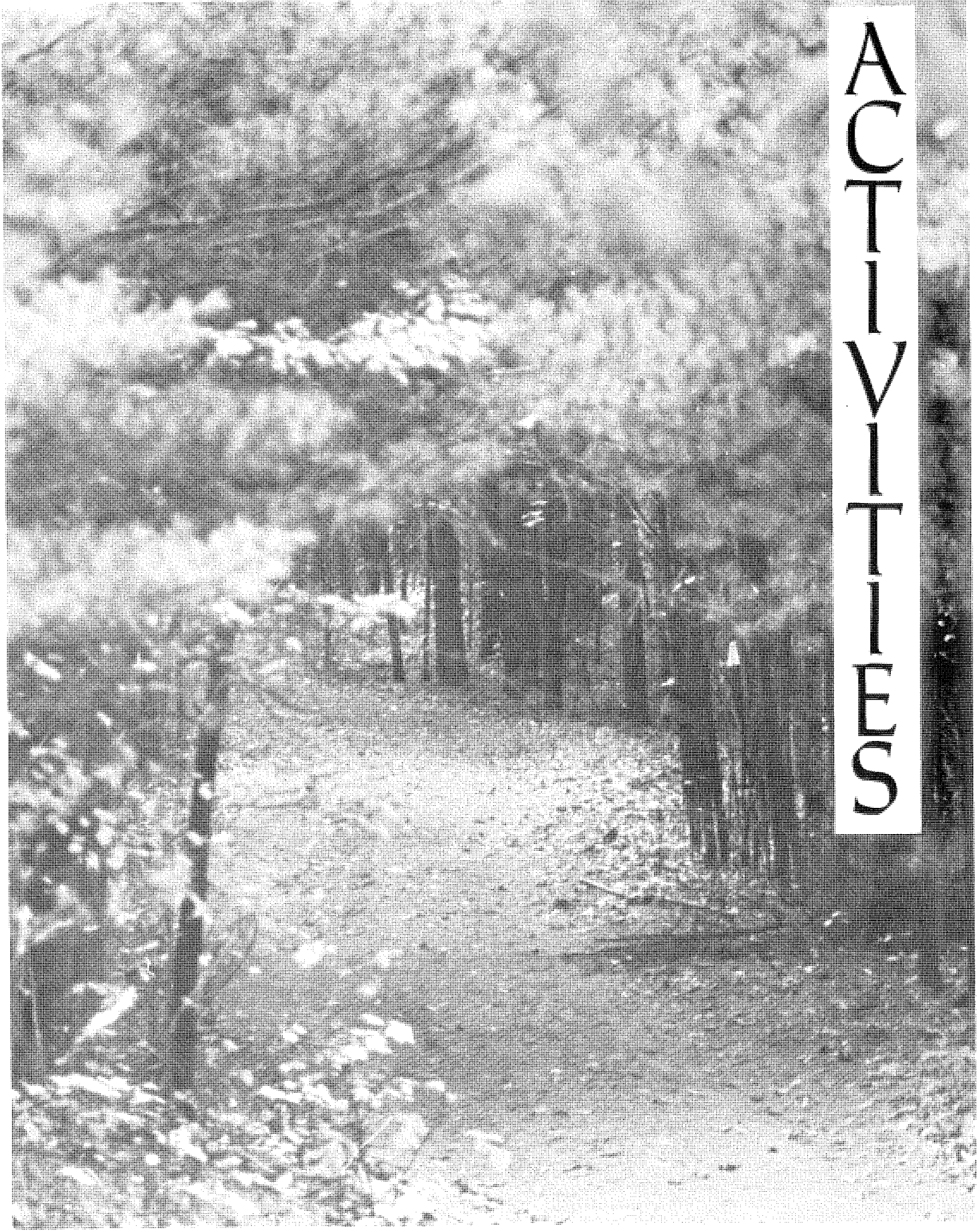
(CHORUS)

*The flume rides the logs down, the skid-road takes me  
To the mill town saloons, by the month, by the sea  
The doves in their yardwoods, and the whiskey is free  
The Pharo takes 30, and the horses take three.*

(CHORUS)



B.A.

A black and white photograph of a dirt path leading through a wooded area. The path is flanked by a wooden fence on the right side. The trees are dense, and the ground is covered with leaves and twigs. The overall scene is a quiet, natural setting.

# ACTIVITIES

S.C.S.A.F.

Although the forestry club has a new name, The Student Chapter of the Society of American Foresters, we began the year with an old tradition -- the annual hotdog roast and picnic on the lawn of the forestry building. Elected to office for the year were:

*President: Mark Poliak (1982)  
Dave Apsley (1983)*  
*Vice-President: Connie Cummins (1982)  
Walter Chomentowski (1983)*  
*Secretary: Delisa Chenoweth*  
*Treasurer: Kevin Derheimer*  
*Sergeant-at-arms: Debbie Walters*

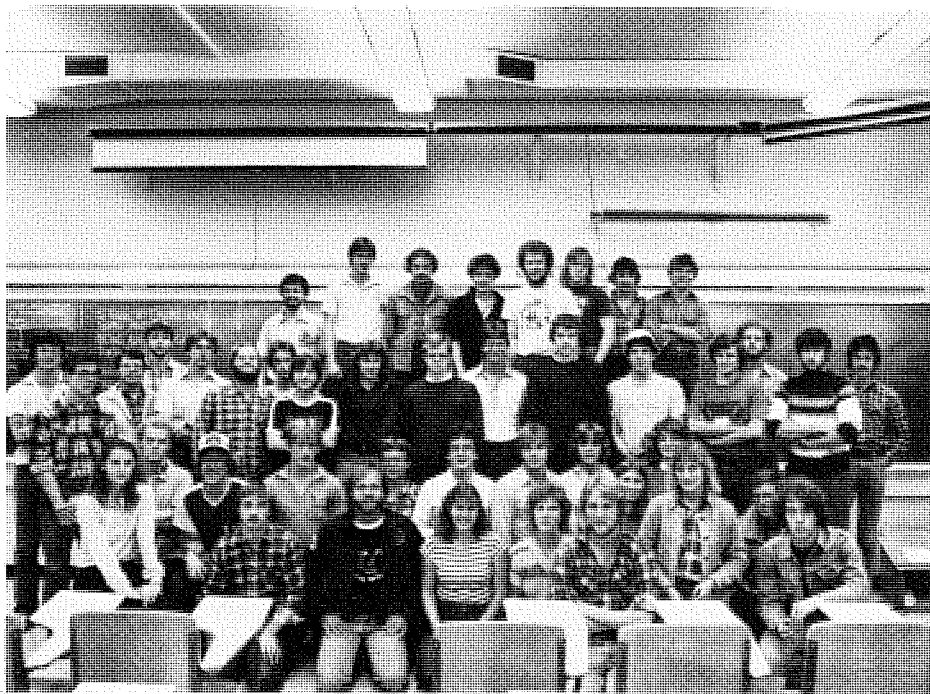
Members of the club had the opportunity to participate in several different activities. One of these was the cutting and sale of firewood, our chief money-making project this fall. Before the winter snows closed the logging roads in McCormick's Woods, twelve loads of firewood were delivered.

Also, twenty-eight students attended the annual Midwestern Foresters Conclave at Ames, Iowa. Purdue foresters placed 4th out of twelve participating schools.

Among the more enjoyable experiences this year were the lectures and presentations given at each club meeting. Dr. Durward Allen talked about the status of the wolf in North America and the ongoing Wolf-Moose study on Isle Royale. Don Leopold, a graduate student and dendrology T.A., gave a talk on "wild foods." After his lecture, everyone had an opportunity to sample over 50 items prepared from natural ingredients. Professor Emeritus Charlie Miller spoke one evening on the subject of "The American Logger." And finally, Dr. Fred Montague, our resident wildlife artist, described his work and displayed several of his examples. All meetings were extremely well attended by members as well as non-members of the chapter.

Overall, it has been an interesting and productive year. The new organization promises to carry on and increase the fine traditions established by the old Forestry Club.

- Dianna Hartwell



First Row: Mike Quinlin, Sherman Leichty, Debbie Walters, Tanna Ragan, Tom Crowe, Connie Cummins, Jeff Maddox. Second Row: Jory Lyons, Rich Carpenter, Jim Bateman, Tony Douglas, Paul Winks, Scott Swiontek, Mark Poliak, Delisa Chenoweth, Sandy Snyder, Dianna Hartwell, David George. Third Row: Jeff Gerbracht, Lenny Farlee, Bill Lambert, Kirk Sobecki, John Kershaw, Scott Jameson, Brenda Potter, Leslie Sikora, Kevin Derheimer, Kelsie Harmon, Walter Chomentowski, Jason Martin, Don Wachter, Bob McGaughey, Steve Galliher, Jeff Welty. Back Row: Tony Grossman, Vince Seward, Mike Carver, Darlene Leser, Ken Williams, Jeff Mason, Bob Smolik, Dave Apsley.

## PURDUE WILDLIFE SOCIETY

The Purdue Wildlife Society, an active chapter of the National Wildlife Society, has again been a popular organization for the students this year. The members became involved in a wide range of events including "deer checks," slide show presentations, game roasts, field trips, fund raising, and bimonthly business meetings.

During these business meetings, topics of interest to the wildlife scene were brought to the chapter's attention by Chuck Rosenberg, the president of the PWS for the 1982 year, and by guest speakers, who presented talks and slide shows on special issues. Also committee activities were discussed. Through these committees, students with special areas of interest were able to work closely with helping and viewing specific animals and issues. Among the active committees were the deer committee, which assisted the DNR at deer check-in stations; the political issues committee, which prepared bulletins on politics and wildlife; the waterfowl committee, which built wood duck boxes; and the hawks and owls committee, which took field trips to see raptor migrations. Other active committees include reptiles and amphibians, songbirds, fish, and education & information.

The education & information committee, headed by Paul Sherwood and Alex McQuad, has been one of the most important committees. The best hope for saving wildlife lies in the public. By exposing people to the facts, they will develop a better appreciation and understanding for the animals and their requirements for continued existence. The education consists mainly of very interesting and informative slide shows presented to children in the surrounding schools. "The future lies with the children."

The Purdue Wildlife Society is an enthusiastic group of students working together studying and helping wildlife, having fun with people who share many of the same interests, and at the same time gaining valuable experiences.

--Debbie Walters

President: Chuck Rosenberg (1982)  
                  John Sufak (1983)  
Vice President: John Sufak (1982)  
                  Paul Sherwood (1983)  
Secretary/Treasurer: Charlene Hannah  
Publicity/Fund Raising: Toni Rogers  
Faculty Advisor: Dr. H. P. Weeks, Jr.



1st Row: Susan Johnson, Charlene Hanna, Dan Driscoll, Sherman Liechty.  
2nd Row: Gail Inman, Christy Heffner, Tony Rogers, Tanna Ragan, Leslie Sikora, John Schleuder, Julie Schleuder. 3rd Row: Steve Ebbert, Debbie Walters, Paul Winks, Mike Carver, Steve Krecik, Dr. Anderson, Dr. Weeks.  
4th Row: Brad Semela, Brenda Potter, Paul Sherwood, Glenn Reynolds, Dennis Gordon, John Sufak, Dennis Bowden, Tina Strube. 5th & 6th Rows: Chuck Rosenberg, Karen Andreeff, Bob McGaughey, John Harcourt, Jeff Maddox, Lisa Horn, Bob Smolik, Alex McQuade, Brian Decker, Don Wachter, Matt Holman, Duane Murphy, David George.



# PRPA

## PURDUE RECREATION AND PARKS ASSOCIATION

by Paul Sherwood

The Purdue Recreation and Parks Association (PRPA) is a student chapter affiliated with the state chapter of the National Recreation and Parks Association. PRPA brings together students majoring in Forestry, NRES, and Recreation Studies in an organization that builds professionalism. The goal of PRPA is to expose students to the field of parks and recreation through community service projects, volunteer services, and personal contact with professionals.

This year, PRPA brought in several speakers including the Administrator of Eagle Creek Park in Indianapolis. In this way, students are exposed to the ideas of working professionals, and they gain personal contacts which could prove to be valuable during the job search after graduation.

Student members of PRPA gain valuable "hands on" experience by maintaining a system of nature trails and leading interpretive hikes for local school groups in nearby Stewart's Woods. Other student members are involved with volunteer work at the Tippecanoe Battlefield Historical Monument and Fort Quiatenon Historical Site.

In 1982, PRPA sponsored a hog roast along with the student chapters from Indiana University and the University of Evansville. The Purdue chapter also attended the National Recreation and Parks Association conference held in Louisville, Kentucky, where students met with professionals from all across the United States. Aside from their regular activities, this year PRPA members will be deeply involved with the Association of Interpretive Naturalists Conference which will be held in March here at Purdue.



Front Row: Barry Foxworthy, Wendy Wies, Joyce Binnie, Dave Markley. Back Row: Dr. Ralph Kilo, Mark Bodnar, John Kershaw, Brian Dick, Lisa Geiger, Scott Butler.

*President:* Lisa Geiger (1982)  
John Kershaw (1983)  
*Vice-President:* Brian Dick (1982)  
Mark Bodnar (1983)

*Sec./Treasurer:* Priscilla Bishop (1982)  
Joyce Binnie (1983)  
*Public Relations:* Brian Dick (1982)  
Mary Sue Gunning (1983)

## F.P.R.S.

by Jeff Matyus

The student chapter of the Forest Products Research Society (F.P.R.S.) is a professionally oriented organization made up of forestry students in the Forest Products and Forest Engineering options. Membership is approximately fifteen to twenty students.

F.P.R.S. stresses professionalism in the study and uses of wood on both an industrial level and individual level (hand carpentry and woodworking). The chapter meets twice a month with one meeting being devoted to business concerns and the other on educational programs in the form of industry films and slides or a speaker on various topics dealing with wood uses.

*President: Jeff Matyus*  
*Vice-President: John Horneman*  
*Sec./Treasurer: Lisa Humphreys*

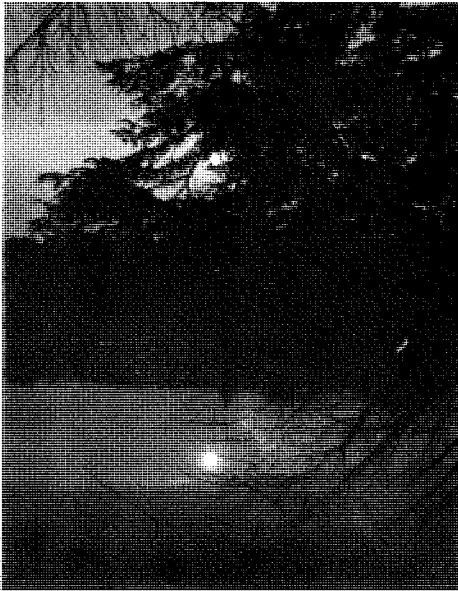
The principal source of funds is a project entailing the drying of about 1500 square feet of backing boards, either cherry or walnut, which is bought from the David R. Webb Veneer Company. The kiln drying and planing of this lumber is an educational experience for all, and when completed, the lumber is sold to local craftsman and hobbyists for the construction of toys, furniture and other uses. This money enables the chapter to send members to state and local F.P.R.S. conferences as well as to visit the Forest Products Research Lab in Madison, Wisconsin.

The funds also allow the chapter to give an annual pig roast in the spring, to honor all Forestry seniors and faculty members.

F.P.R.S. would like to congratulate all the graduating seniors and thank all of the faculty who have given us their knowledge and helped us to pursue careers in forestry.



First Row: Jim Stultz, Bill Clark, Lisa Humphreys, Jeannie Young, Yuichi Hayashi, Rusty Burke.  
Back Row: Dr. John Senft, Bob McGaughey, Jeff Matyus, Russ Horneman, Mike Wezet, Trey Clark.



#### FORESTRY COUNCIL

by Mark Poliak

Forestry Council, a group of student representatives from the different Forestry Option Clubs, discusses student ideas and problems with the department administration and faculty. This fall saw the council finally becoming a university-sanctioned organization as its constitution was approved by the Dean of Students. The officers this year were President, Connie Cummins; Vice-President, Jeannie Young; Treasurer, George Foster; Secretary, Karen McQuiston; Advisors, Dr. Fred Montague and Dr. Mason Carter.

The primary activity this year was organizing a search for a new student commons. The location finally settled on is the same room that the original "lounge" was in, before being changed to storage area several years ago. Council members voted for a wall mural and new tables to make the room compatible for student study.

Christmas trees (Scotch Pine) were sold as a fund-raising project. Enough profit was made to help sponsor the council's spring activities. These activities included the sponsoring of a photography contest at the Lafayette Winter Festival, the annual Bluegrass dance, and the departmental awards banquet.

The council would like to thank the option clubs and faculty for their strong support in making the council's activities successful.

#### XI SIGMA PI

Xi Sigma Pi is an international forestry, conservation, and wildlife honor fraternity. The objectives of Xi Sigma Pi are to secure and 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.

Members of Xi Sigma Pi have shown that they will live up to these objectives by maintaining a high rank in scholarship and personal achievement in forestry.

Purdue's Kappa chapter has during the last year, as pledge activities, landscaped around the forestry building, worked to improve the arboretum at Martell Forest, and developed a book-swap board.

Xi Sigma Pi also held its annual smoker last fall to introduce the officers, graduate students, and faculty to undergraduate students and to let them know what Xi Sigma Pi is all about. Dr. George Parker also gave a presentation on the art of raccoon hunting.

*Forester: Pete Leonard  
Asst. Forester: George Foster  
Sec./Treasurer: Alex McQuade  
Ranger: Mark Poliak*



## FORESTRY OPTION CLUBS: A Head Start....

by Paul T. Sherwood

Sometimes it's not easy to see how becoming involved with student organizations can eventually help you get where you want to be. But for some students, the forestry option clubs open doors they didn't know existed. Take the case of Judy Laskowski Brown, a junior in forest recreation.

Judy had become involved with the Purdue Recreation and Parks Association, and as a member of the Westwood Guide program, she had led several interpretive hikes for local school groups. This was good experience for Judy; and it helped her develop an interest in becoming a naturalist. Later in the semester, Judy met Mike Ellis, the Chief Naturalist of the Indiana Department of Nature Resources. Fortunately for Judy, PRPA had invited Mr. Ellis to be a guest speaker at one of the bi-weekly meetings, and this provided her the opportunity to inquire about the State Parks Naturalist Program. As Mr. Ellis advised, Judy sent her resume to the Division of State Parks, and after interviewing, she was offered a position as a Seasonal Naturalist at Potato Creek State Park.

During the summer of 1982, Judy performed many duties at Potato Creek including: leading interpretive hikes, giving interpretive slide programs, designing exhibits for the nature center, and leading the singing and story telling at campfire programs. She also had the opportunity to write articles for the local newspapers and spent a lot of time just talking with park visitors.

Judy says she learned a lot this past summer; "both about Mother Nature and the trails and tribulations of running a park. States Judy, "I met a lot of interesting people and some not quite so interesting, but this experience will help me once I bet out into the real job market." Congratulations, Judy, on a job well done, and congratulations to PRPA for providing Judy Brown, and other students, with the opportunity to make personal contact with professionals.

The forestry option clubs are a place to gain experience, meet with professionals, and as with Judy Brown, perhaps beat the rush to the front of the employment line.





## FORESTRY CONCLAVE '82

by Kelsie Harmon

"How 'bout them boilers!" rang across the Iowa State 4-H grounds the weekend of Oct. 23th. This was the site for the 31st Midwestern Foresters Conclave, which was hosted this year by Iowa State University. Purdue had a contingent of 28, including Dr. Parker as our faculty sponsor. Quite a caravan! The underclassmen had a good representation this year, and fit right in with the nutty juniors and seniors.

After travelling most of the day, Purdue got rowdy Friday night. The roaring bonfire and music attracted Minnesota and a couple of other schools over, and a good time was had by all.

Saturday morning was whistled in at 6:30 a.m., with events starting at 8:00 a.m. The Boilers ran away with 1st place up until lunch, when Missouri and Michigan took over. We did, though, have some big winners on our team ...

1st place	Traverse.....	Connie Cummins
2nd	Traverse.....	Matt Dickey
2nd	Dendro.....	Mark Poliak
3rd	Dendro.....	Delisa Chenoweth
2nd	Match Split....	Sandy Snyder
4th place	Tobacco Spit....	Mike Carver

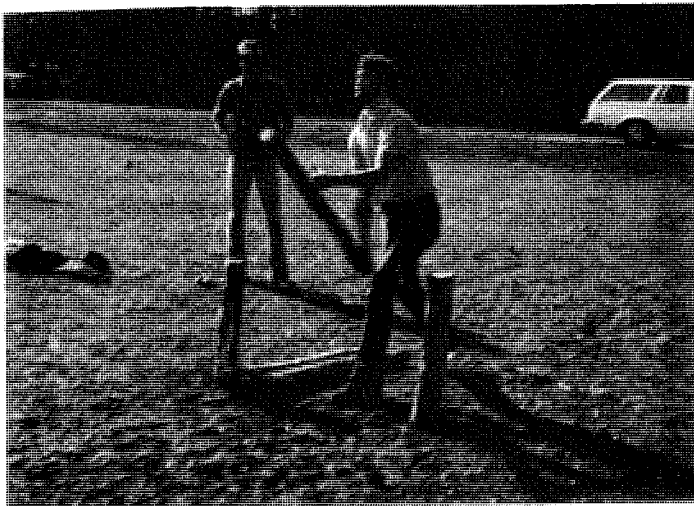
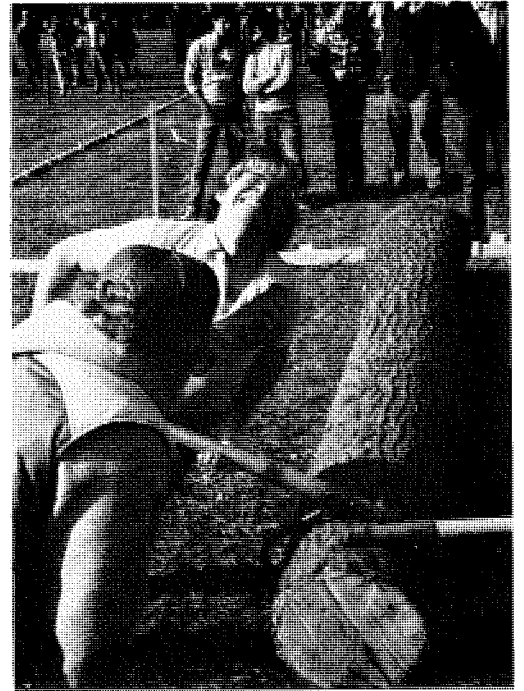
Sunset found Purdue settled into a respectable fourth place out of eleven. At the awards ceremony, the Bear skin (passed each year to the school that travelled the longest distance to the conclave) was retired and burned. A new conclave banner was introduced, however, which will go to the host school and have the new conclave patch added each year.

Later that night, the fun really started, with the River Bottom Ramblers band playing bluegrass. The ice cream social lasted until 2:00 a.m. Everyone had fun dancing, "clogging", or just meeting new friends. Steve Stachowiak even played the guitar for a song when the band took a break.

Conclave '82 was the best that Purdue has seen in many years. Everyone performed very well and let the entire conclave know that Purdue had the most camaraderie and spirit. "How 'bout them Boilers for '83!... (University of Illinois)."



Front Row: Jim Bateman, Mike Carver, Leslie Sikora, Brenda Potter, Scott Swiontek, Dave Apsley, Debbie Walters, Connie Cummins.  
Second Row: Kenny Buening, Tracy Schiess, Kelsie Harmon, Jason Martin, Walt Chomentowski, Matt Dickey, Sandy Snyder, Ann Kessler, Tanna Ragan. Back Row: Derrick Vannice, Dr. Parker, Jory Lyons, Delisa Chenoweth, Brett Ammerman, Tom Crowe, Tony Grossman, Dru Dennison, Bill Lambert, Rob Dodderidge, Mark Poliak.



## 1982 WILDLIFE CONCLAVE

Cloudy, cold, and windy-- typical West Lafayette weather in early April. Twenty Purdue Wildlifers, responding to instinct that has developed over the eons, migrated south to seek warmer climes. Their destination was Lake of the Ozarks State Park, Missouri where blooming spring beauties and cut-leafed toothwort, chorusing toads and frogs, and warm rain showers awaited. Also in the park were 300 enthusiastic wildlife students meeting for the Twelfth Annual North Central Fish and Wildlife Conclave.

Scheduled activities began Saturday morning, April 3rd. Stimulating lectures filled the morning and afternoon hours with subjects of interest to any fisheries or wildlife student. Wild turkey restoration, big river management, wildlife photography, bobcat habitat use patterns, low life in Ozark streams, and Missouri's frogs and toads were some of the topics covered.

Enlightened with new facts and ideas from the lectures, all 300 students crammed into the small building where the annual quiz bowl was to begin. In front of the room were two tables, each furnished with four chairs and a microphone. Team after team came forward to face their opponent to battle against tricky natural resources questions. Of the thirteen schools competing, Purdue's team of Al Parker, Joe Robb, Chuck Rosenberg, and John Sufak advanced to the finals after defeating the University of Minnesota, the University of Michigan, and Iowa State University. Although not as fortunate against Steven's Point in the finals, Purdue did finish with an impressive second place.



Purdue's sharp quiz bowl team



Front Row: Dan Driscoll, Al Parker, Chuck Rosenberg, Karen Andreff, Charlene Hannah, Tanna Ragan. 2nd Row: Joe Robb, Chris Kokojan, Glenn Reynolds, John Sufak, Collette Loehrlein. 3rd Row: Vince Herbst, Ann Kessler, Dru Dennison, Pat Proper, Alex McQuade, Jim Bergan. 4th Row: Pam Giles, Sherman Leichty, Ron Lorman.

With the quiz bowl completed, concentration could be focussed on the next important event, the wild game banquet. Everyone got cleaned up, and out of the cabin lockers appeared fancy clothes, part of the wardrobe that rarely receives attention in a forester's schedule. Comments about the unusual dress were exchanged as everyone gathered for the feast. Soon the meal was ready and all 300 students sat down to a meal of venison and rice, smoked turkey, deep-fried sunfish, raccoon barbeque, venison stroganoff, and other wild delights.

The remainder of the evening was devoted to the country hoedown. Music was supplied by the Undergrass Boys and there were plenty of opportunities for socializing with the other midwest wildlifers. Some of the Purdue people also went out for some owl-calling and spotlighting to witness the other half of Missouri's nightlife.

Sunday followed a slow, relaxing pace. Purdue got out on their own self-guided field trip to see what they could see in the park. Everyone enjoyed the warmth, the awakening flora, the rolling hills, and the leisurely pace before mustering up enough courage to return to West Lafayette.

# A MOST UNNATURAL NATURALIST

by Paul T. Sherwood

There I was in my new, freshly starched and pressed uniform; patches shining on each arm, patches that I had wanted to wear for as long as I could remember. The uniform was so stiff that it almost creaked when I walked, and the patches were shining much brighter than my smile. I'm not a good smiler. I was surrounded by people wearing the same uniform, the same patches, and the patches told me that these people are all professionals. I thought, "What the heck am I doing here? I'm no professional; I'm barely a student!" I introduced myself to a few of them and overheard some conversations between some others. Their patches kept staring at me, and they were all good smilers. They were talking about hikes, and slide programs, and wildflowers, and astronomy, and they smiled at me. They were all very good smilers; I'm not a good smiler. I looked around and I recognized a few old friends...some oaks, some hickories, even a sweetgum. I said, "Sure, I know you; thanks to Dr. Parker and Don Leopold I can recognize you guys. They beat your names into my head so much that I'll never forget you. Well, at least not all of you. And I know a rabbit from a woodchuck, but that doesn't make me a Naturalist. What about the birds, the insects, geology, wildflowers, herbs, reptiles, history, astronomy, and all the other stuff these people are talking about? I don't know anything about that stuff; how can I be a Naturalist when I don't know enough Naturalist stuff? I don't even know Naturalist talk!" All of a sudden the largest Tulip poplar I'd ever seen motioned to me with its branch to come closer! As I got nearer, the big tree bent over and whispered very softly in my ear, "You can do it."

"Huh?"

"You can do it," it said.

"Do what?"

"Be a Naturalist!"

"Oh, a Naturalist?" I said..."How?"

The big tree let out a sigh and said, "Use your brain...", and a little work wouldn't hurt you either!" Use your brain he said. Work a little he said. Seems like I had heard that same thing before from someone at school.

Sound incredible? Preposterous? Perhaps, but these are the kinds of things that were going through my head at the Naturalist's Training Session this past summer. After all the applications, and all the resumes, and the interviews, I was fortunate enough to get a position as a Seasonal Naturalist at McCormick's Creek State Park near Spencer, Indiana. Fortunate...yes. Prepared...no. I was really worried. The only class I'd had that I thought would help me was Dendrology. But I took the big tree's advice. I worked hard, really hard, and it paid off.



For me, the summer of 1982 was one of the most rewarding experiences of my life. I learned, I taught, I wrote, and most importantly, I met lots of wonderful people. In fact over the course of the summer, I led nature hikes and gave interpretive programs for close to 6000 people. I met people from all walks of life with many different interests, and they had questions, many, many questions and stories about every aspect of natural resources. And I found out something--people care. Most people do care about what's happening to our land, our water, our air, our forests, and our wildlife. They may not understand it all...the interdependence, the interconnectedness, but they care. Fortunately for me, it was my job to try and help them understand natural resources and have fun while they were doing it.

Over the summer I learned many things about the park visitors and about myself. I found that it's often difficult to explain things to people even though it may be crystal clear in your own mind. To find just the right words in order to convey the meaning or set the mood [or an idea] can be extremely difficult. But when you see that flash of realization come across their face, or the smile in their eyes when they finally understand, then it's worth it all. It's worth all the long hours reading field guides, life history, and natural history books. It's worth all the time out on the trails trying to find the animal dens, nests, or wildflowers that will excite people and make them want to come back. It was worth using my brain as the big tree said.

The summer of 1982 was a joy for me, and the beginning of what I hope will be a very long career in natural resources. I'll never forget the things I learned, the things I saw, and many of the people I grew to know as a most unnatural Naturalist.



# INTERPRETATION IS FUN!

- Lisa Geiger & Priscilla Bishop

Eleven Purdue students met with students from Ohio State, Kansas State, and Texas A&M universities April 11-17, 1982 at Land Between the Lakes Recreation Demonstration Area. The official name of the conference was the Second Annual Consortium on Interpretation. Even though we did a lot of hard work, we were able to get away from the usual dull rigor of studying.

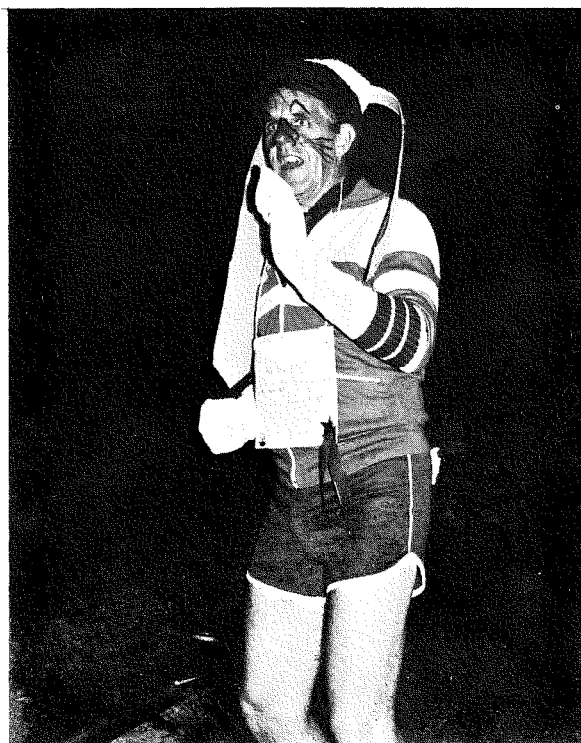
We spent a great deal of time visiting the various facilities at LBL, and learning from the professionals there the meaning, purpose, and some of the various methods of interpretation. The hardest part of the week was working on the interesting projects to which we were assigned. The purpose of these projects was to assist the LBL staff in solving some very real problems they were encountering with interpretation. Some of these situations could be the same kind we would run across as professionals, so it helps to be somewhat familiar with what can happen while there is still plenty of time to figure out what to do.



Some of the best teachers of interpretation and interpretive methods during the week were the professors who accompanied the groups. Ask anybunny - they made things much more bearable since they helped alleviate our distress over missing the Easter bunny by dressing up to help out. We even found out that they knew how to interpret (ask Dr. Knudson all about Rjndycella)!!

Although much of our time was spent observing, learning, writing, typing, and riding in vans, we also had the opportunity to play challenging volleyball games, play basketball until who knows when, canoe or sail on the lake, take a hike, or sit and chat with newfound friends while enjoying the wonderfully warm spring Tennessee air.

Land Between the Lakes offers a myriad of opportunities for learning about the field of interpretation. The times of intense study and the times of socializing were well spent and enjoyed by all involved. Our appreciation to the staff of LBL and to the professors who made sure we had fun -- even at the expense of their own pride!



# 1982 S.A.F. Convention - Cincinnati

The Society of American Foresters came close to Purdue in 1982. Several Purdue students travelled to Cincinnati, Ohio to watch the professionals in convention action. The theme of this year's meeting was "America's Hardwood Forests - Opportunities Unlimited." Over 1100 professional foresters and 277 students attended the event, which was headquartered at the Cincinnati Convention Center and the adjacent Stouffers Tower.

There were many student events at the convention. In a nearly continuously open hospitality room one could meet students and faculty members from other schools, browse through the yearbooks which had been entered in competition, and/or partake of the constant supply of refreshments.

A welcoming social hour which was held the first evening of the convention gave students a chance to mingle with other students and with professionals in attendance at the event.

An all-day student tour was held on Tuesday. Three buses were loaded at 7:00 a.m. to begin the trip. The first stop was the Louisville Slugger bat factory. Besides seeing the actual manufacturing process, we also learned how the wood is selected. Everyone received a miniature souvenir bat, which led to a few trading deals over George Brett and Dave Kingman.

The next stop was the Chester B. Stem Company where one was able to see veneer samples from around the world. The sawmill and the actual veneer slicing process were also viewed.

The final stop of the day was at the Van Voories Tree Farm. This included an interesting meal of Muskatatuck Stew and Creek Bank Taters. This tree farm provided for an opportunity to learn about hardwood

management. Everyone returned tired, but excited by seeing an aspect of their careers which most had never experienced.

Throughout the four-day convention, an attitude of professionalism was maintained by practicing foresters, and gained by students. Everyone was treated as a professional, and, except for the fact that the word "student" was on one's nametag, no one knew - or even cared - that you were a student rather than a practicing forester.

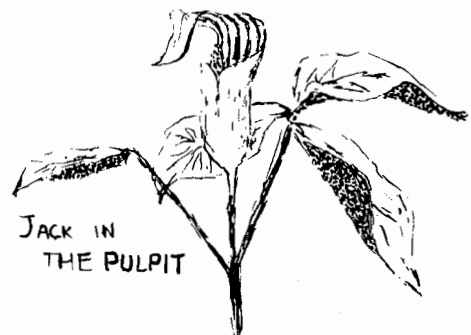
The Friends of Cincinnati Parks offered free housing for students and recent graduates. Members of this organization provided a bed or a place to throw your sleeping bag; many provided breakfast and snacks. Taking advantage of the free housing provided an opportunity to meet students and recent graduates from other areas of the U.S. - and the world.

The finale of the meeting was a wonderful German buffet and awards banquet. The 1982 Purdue Log was awarded 3rd place in the yearbook competition at this banquet.

Seeing a large number of foresters gather together made one realize the importance of the profession - and made one proud to be a forester.

- Lisa Geiger & Scott Swiontek

Pay no attention to the Jungle Beasties  
snapping at your heels,  
and ignore the prickly underbrush, no  
matter how it feels.  
Just be mindful of the sign that reads  
"The future never closes,"  
For beyond this nasty jungle lies a  
sunlit field of roses.



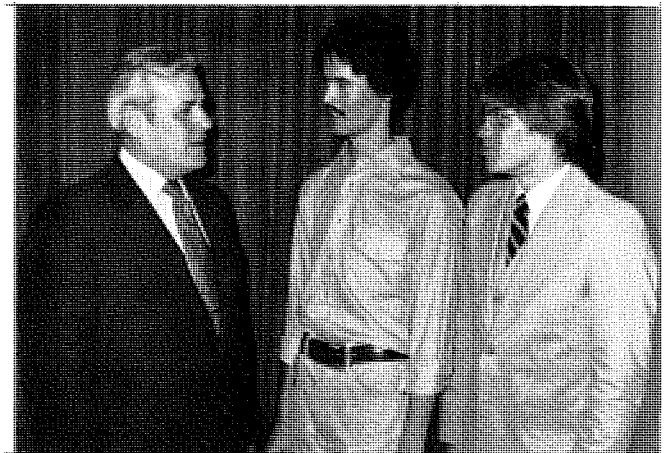
JACK IN  
THE PULPIT

# SPRING AWARDS BANQUET

"A Rewarding Life Has Many New Beginnings" was the theme of the 48<sup>th</sup> Annual Forestry and Natural Resources Awards Banquet held on April 8, 1982. Al Parker was the master of ceremonies for the evening. Entertainment was provided by Scott McLaughlin, Al Parker, Joe Robb, Paul Sherwood, Annette Schultz, and Jeff Welty. The recipients of the awards are featured below.



Michael J. Maskal, left, receives the Paul Ramsey Urban Forestry and Arboriculture Award from Fred A. Lennertz, Jr., executive secretary for the Indiana Arborist Association.



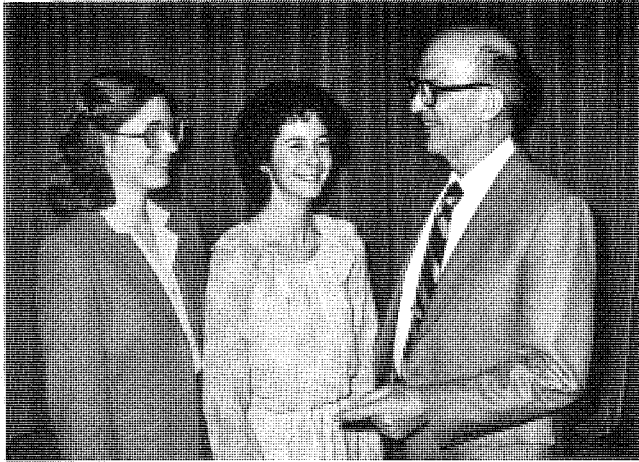
Jeffrey J. Welty, center, and Mark A. Poliak receive the Burton F. Swain Forestry Achievement Award from D. Billings Swain, president of Swain Industries, Inc.



Philip C. Jayko, right, receives the Xi Sigma Pi award for scholastic achievement and activity from Brian D. Barger, president of the Purdue Chapter of Xi Sigma Pi.



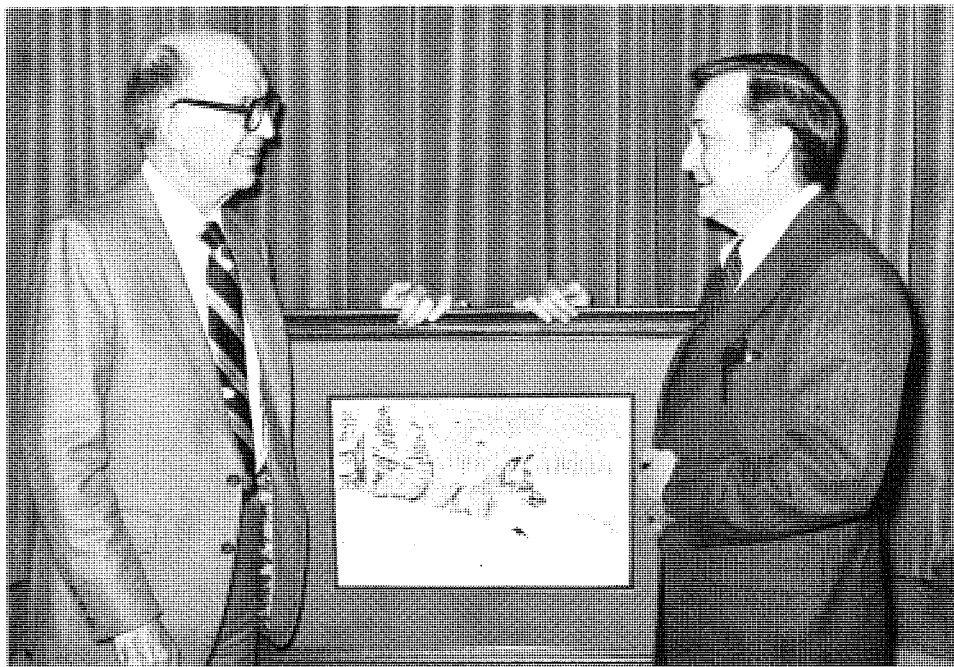
Brian D. Barger, right, receives the Forest Products Research Society Award from Scott McLaughlin, president of the society.



Catherine G. Moore, left, and Elizabeth A. Nash receive the Stanley Coulter Leadership Awards from Professor Charles I. Miller.



Jay D. Hufford, right, receives the Indiana State Society of American Foresters Outstanding Senior Award from Professor Clair Merritt.



Dr. Mason Carter presents Charlie Miller with Fred Montague's "Silent Snow" on the occasion of his retirement.



The Trees

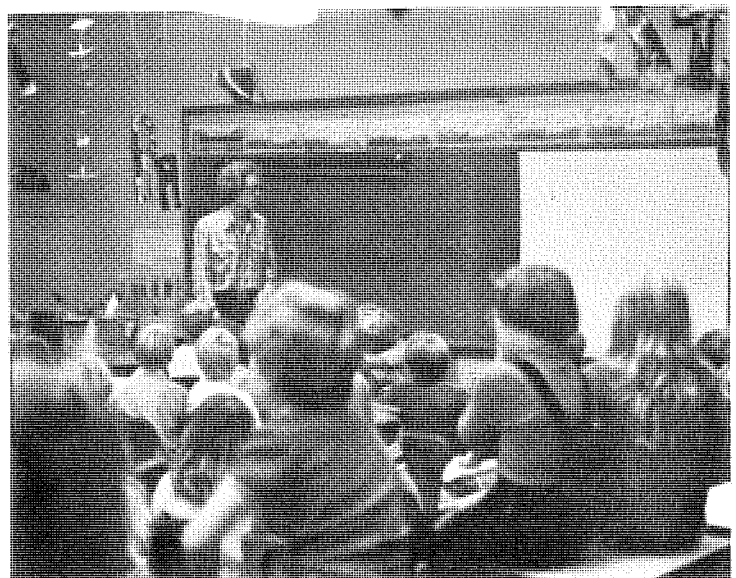
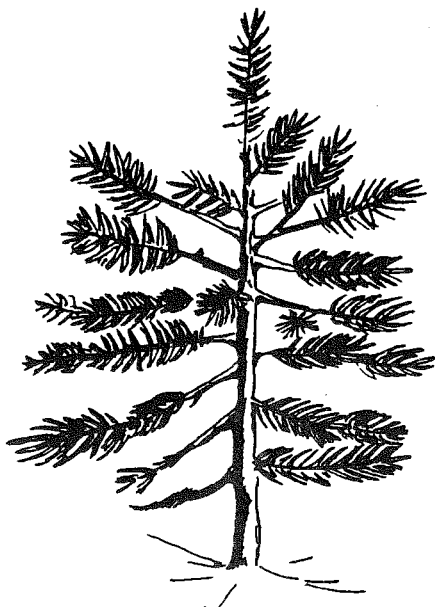
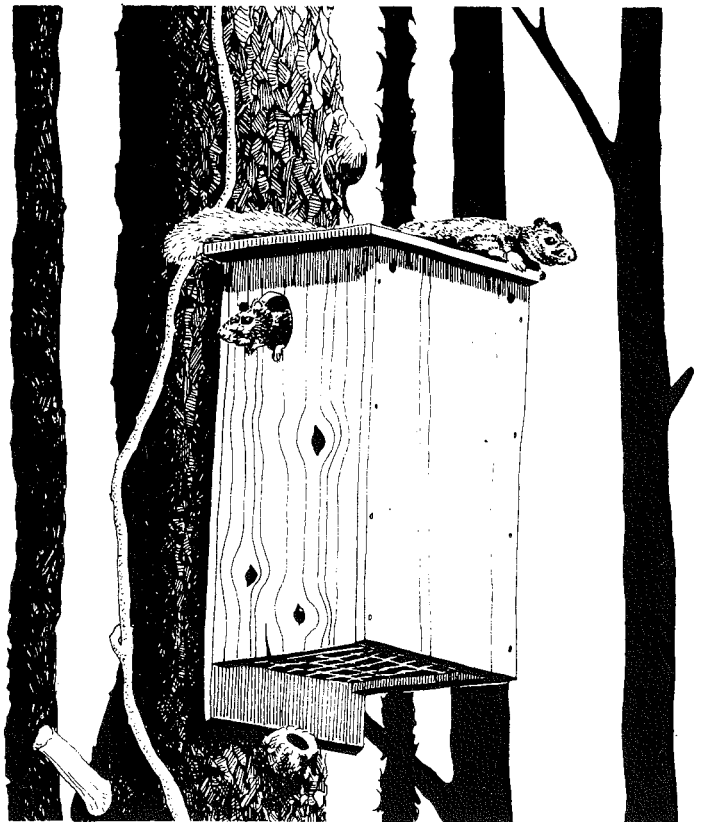
There is unrest in the forest  
There is trouble with the trees  
For the Maples want more sunlight  
And the Oaks ignore their pleas

The trouble with the Maples  
(And they're convinced they're right)  
They say the Oaks are just too lofty  
And they grab up all the light  
But the Oaks can't help their feelings  
If they like the way they're made  
And they wonder why the Maples  
Can't be happy in their shade

There is trouble in the forest  
And the creatures all have fled  
As the Maples scream "Oppression!"  
And the Oaks just shake their heads  
So the Maples formed a Union  
And demanded equal rights  
"The Oaks are just too greedy  
We will make them give us light"

Now there's no more Oak oppression  
For they passed a noble law  
And the trees are all kept equal  
By hatchet,  
Axe,  
And saw. . .

Neil Peart  
RUSH  
(Hemispheres)



# SUMMER CAMP



THE BALLAD OF LOST LAKE  
(sung to the tune of "Paradise")

by Steve Stachowiak\*

When I was a student my class it did travel  
Up to northern Wisconsin where the cold weather lies  
They sent us there to learn of the woodlands  
And they'd give us a grade if we all survived.

\*\* Charlie, won't you take me back to Tipler, Wisconsin  
Down by the Pine River where Big Howie's lies  
We'll pick off the ticks and club all the porkies  
And swim in the bog lands and never be dry.

The first week all the trees were counted and measured  
We had to find out if they were still there  
We heard all we cared about "ramps" and about "morels"  
Then they tested our knowledge and found nothing there.

\*\* Chorus

The second week put us in clearcuts and lowlands  
But Howie came through with pitchers of beer  
And Parker hustled pool 'til he couldn't see the table  
While our TA's slept in ice sheets fresh from the freezer.

\*\* Chorus

The third week we got to go out and play doctor  
We wrote out prescriptions for all of the trees  
Then we went to the nursery and learned about Rock Elm  
and toured every clearcut in the entire county.

\*\* Chorus

The fourth week we went out and counted the deer scat  
And heard all we cared about salt and fungi  
The mornings were spent out counting the critters  
The afternoons were spent watching Weeks learn to drive.

\*\* Chorus

The fifth week was filled with learning and pleasure  
As we worked on our tans down by Riley Lake  
And we learned to interpret while feeling hung over  
From the free beers at Howie's that made our heads ache.

\*\* Chorus

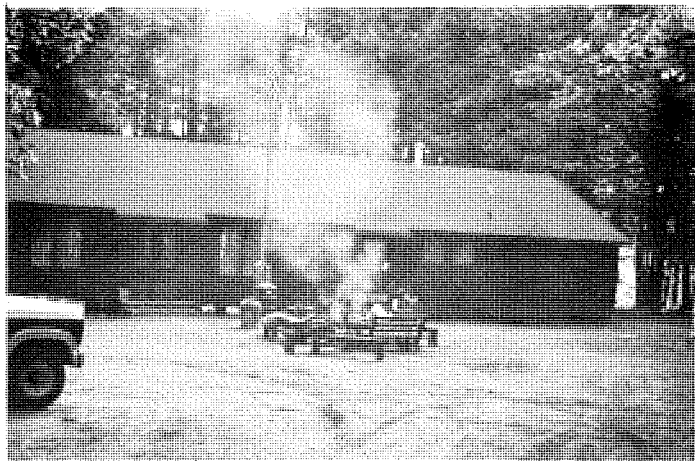
Now our time is gone but it won't be forgotten  
By all you fine people with memories to share  
And as life spreads us out all over this country  
Let's meet in our memories the good times are there.

\*\* Chorus

\*Special thanx to Scooter, Connie, Brett, Leaky Waters, and  
dedicated with much love to the Class of '83.

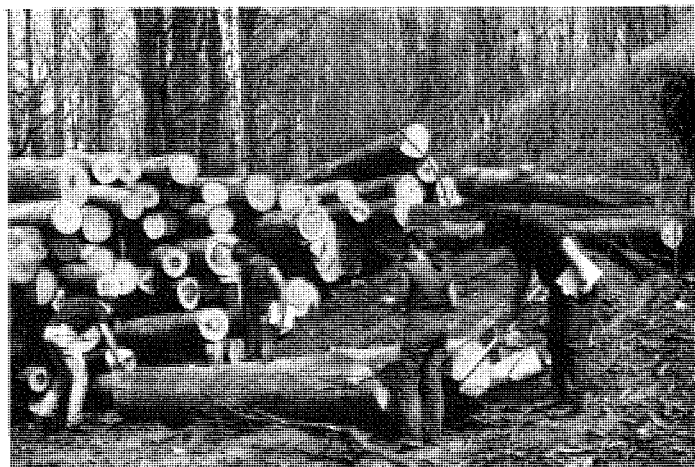
## 1982 FORESTRY SUMMER CAMP

The official countdown for the 1982 summer camp began upon returning from our Christmas vacation. As the semester progressed, Charlie Miller managed to enhance our initial expectations as he related to us some of his experiences at the Lost Lake Camp. The 9th of May finally arrived and we anxiously departed for our long awaited destination at Tipler, Wisconsin. Upon arrival at camp we were awed by the natural beauty of the landscape and after the necessary task of unpacking we set out to explore our new home; as a matter of fact Steve and Brett even went so far as to explore the entire county. Camp had finally begun.



Welcome to the Purdue Forestry Camp!

On Monday morning we remembered why we came to camp as Drs. Beers and Moser kindly reminded us of something called mensuration. The early part of that first week was spent tuning up our rusty dendrology and orienteering skills. We also visited a local log yard, and in between swatting flies and dodging mud puddles, we managed to try our hand at log scaling and grading. We were then introduced to a 240-acre tract of land and advised to conduct a comprehensive timber inventory. By Friday afternoon the inventory was complete and we met at the Pine River for an icy swim. Friday evening was spent completing lab reports and preparing for a Saturday morning exam. After the exam, a canoe trip was planned for the Pine River. Capsizing on Chipmunk Rapids and Ann's attempt at canoe throwing were experiences that some people enjoyed.



log scaling

During our second week at camp, it was decided that we would benefit from additional information on the subject of ecology. We toured various ecosystems and learned how ground vegetation and soil properties indicate certain site conditions. We also saw how this knowledge could be used to determine site productivity. After spending several days doing field exercises, one day was spent exploring Sylvania Recreation Area, where we were fortunate enough to see five eagles flying over a lake. Other excursions for the week included a trip to see the MacArthur White Pine (all 7680 bd. ft. of it!) and a wet tour of a nearby bog where Brenda demonstrated the art of bog swimming. Also during this week, we managed to discover Howies, a local bar/cafe, where we turned loose our own pool shark, Dr. Parker.

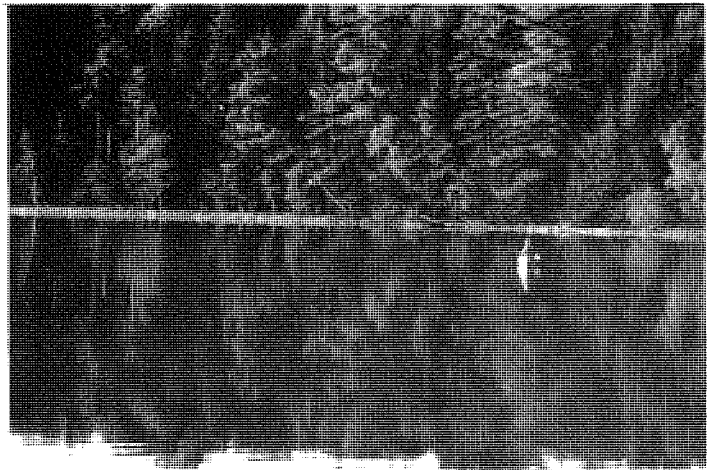


"You say the water's HOW deep under here?"

During silviculture week we concerned ourselves with examining a 900-acre tract of swamp and timber in order to develop appropriate silvicultural prescriptions that would meet our management objectives. Aerial photographs were used to type map vegetation, and after field examinations were conducted at all vegetation types, final stand prescriptions were written. We also visited several specific stands where Dr. Merritt and Ed Winger (District Ranger, USFS) explained the various silvicultural treatments that were being used. No one will forget the tour of the Watersmeet Nursery where Don learned how to differentiate seedlings of Rock Elm from Yellow Birch. It was also during this week that: Joe demonstrated his skill at ultimate frisbee; John F. felled an Aspen from above; White Artisans invaded camp hoping to make nights a little warmer.....

During wildlife week they kept us extremely busy, several times working from sunrise to well after sunset. Three days we awoke at dawn in order to check small mammal traps, conduct a time-area census on chipmunk and squirrel populations, and participate in a bird hike. Other hours were spent conducting deer pellet and browse surveys, fruit and fungi counts, grouse surveys, and an auditory bird index. As if all of this weren't enough, our nights were spent learning bird calls, visiting bogs, and watching the mating ritual of frogs. Although we were kept busy, we will not forget: bog wrestling featuring Tom C. and Debbie W., the dedication of Sandy and Leslie as they literally stuck to the trail during the grouse survey, and of course watching Dr. Weeks' attempt at rolling a van.

Joe O'Leary managed to arrange the final week of camp in a way that permitted us to learn about recreation while experiencing it first hand. The first days were spent increasing our appreciation of nature while analyzing Wisker Lake Wilderness Area. We then studied campground design and site impact, evaluated a interpretive trail and designed one of our own. Our recreation that week included sunning at Riley Lake, a farewell party at Howies, and the conclusion of our fishing contest (as Rooster hooked a 10 inch carp to tie Jim's northern pike).



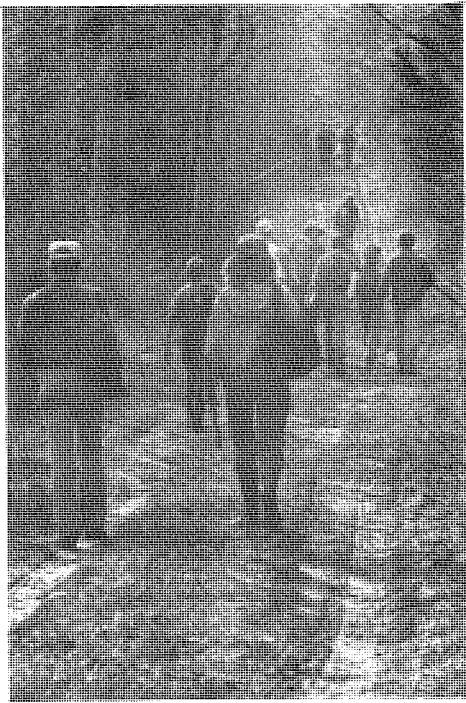
tranquility- Northern Woods style



"How many men did you lose with the roller-chopper that sank in the clearcut bog?"



Pete and Mark try their hand at log rolling



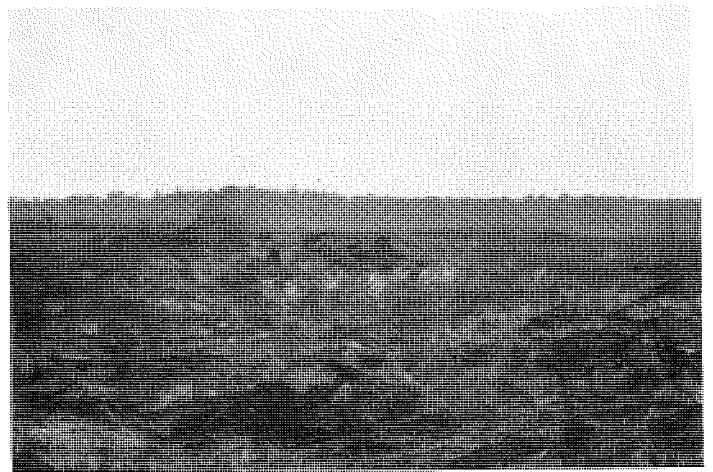
Heading out for our first taste of the Wisconsin wilds



Dad and Mom (Roy and Lorraine)



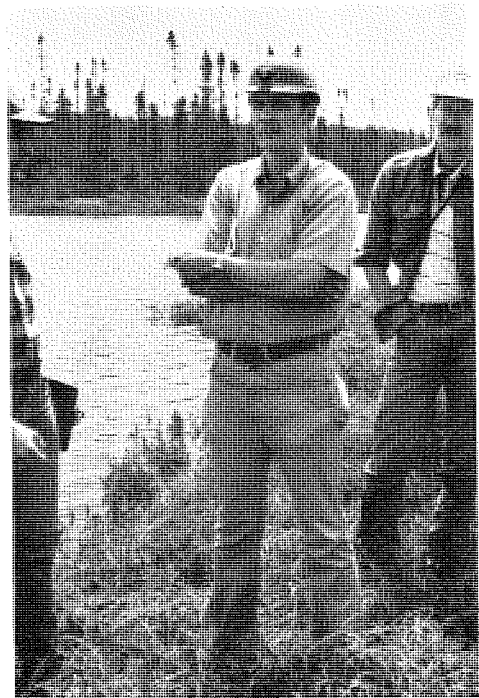
a misty morning



How exciting - another clearcut!!!



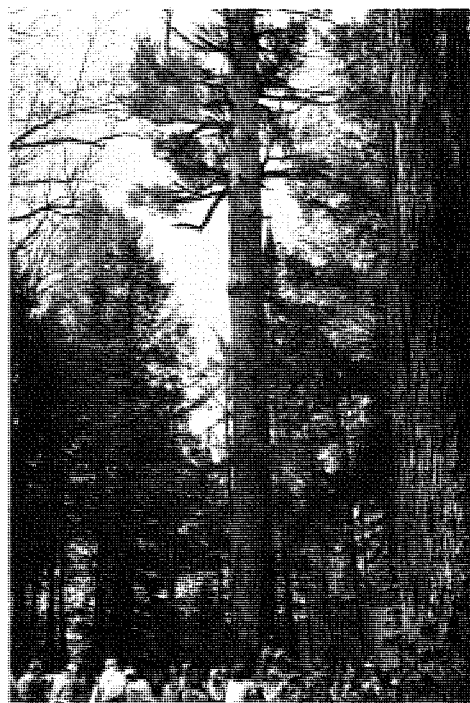
How can he be so excited about ANOTHER row of seedlings?



"Let's make this explanation short- I'm sinking."



This year Riley Lake - next year the Riviera!



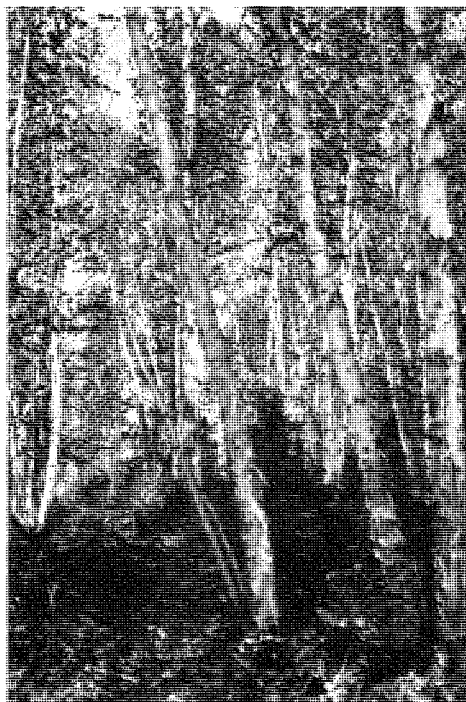
Note: There are people at the bottom of this picture.



Kitchen duty is serious business.



Connie and Howie burn up the dance floor



Clark - a real down-to-earth guy



"Alphabetical order - are you kidding?"



- no explanation needed -



Jim Stultz seems to have "animal magnetism".



weekend trip to Porcupine Mtn. State Park



Brett and Debbie do the "clipboard boogie".



"Where did Dr. Parker see any blueberry?!"

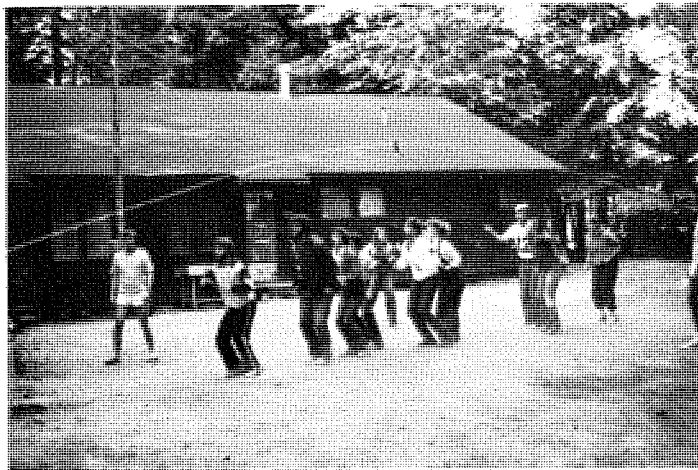




"Mom! I saw a real live EAGLE today!"



Yes folks - a real FISH at last.



collegiate level entertainment



camp mascot (and sacrifice)



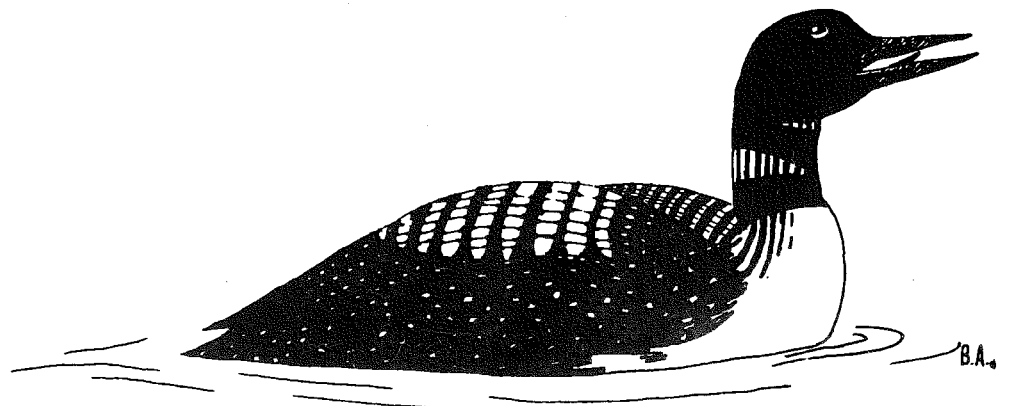
"See this sparkplug? It DIDN'T like Brenda's car!"

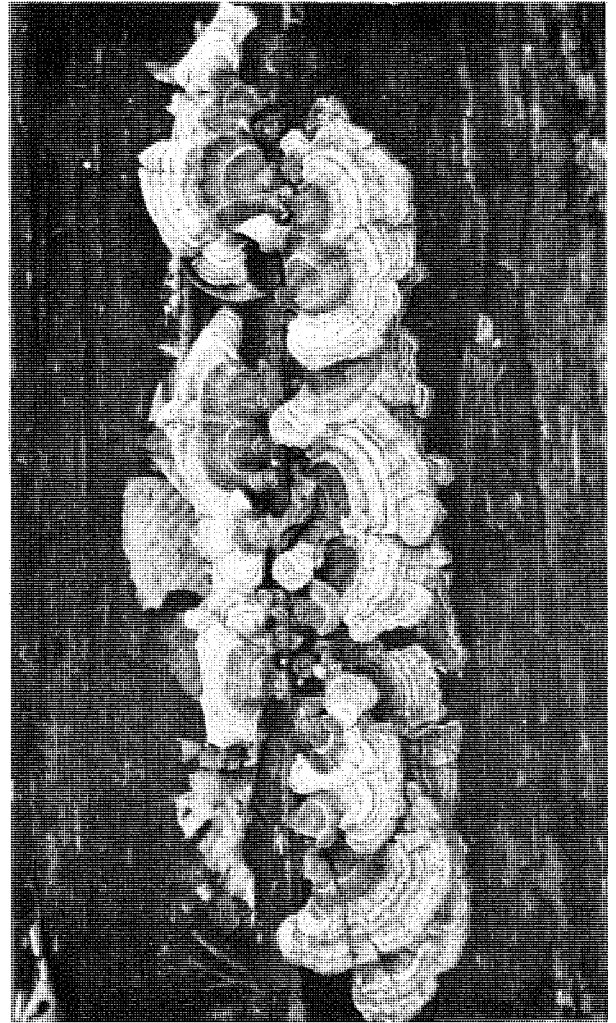
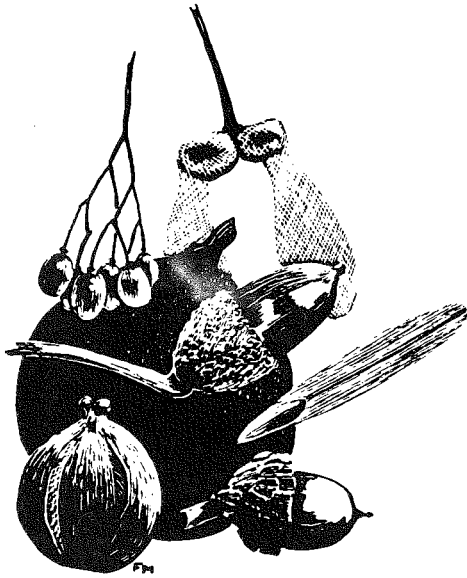


On the final night of camp, Lorraine and Roy, the camp cooks, arranged a steak cookout to celebrate the end of a wonderful five weeks. Among the activities we enjoyed that night were the last walks around the lake, the last canoe rides to view the stars, the last practical jokes, the final pictures, and our last campfire at Lost Lake. The next morning we sadly departed from the place that we had made our home for over a month -- each of us leaving part of ourselves and taking fond memories of friends and a better understanding of forestry.



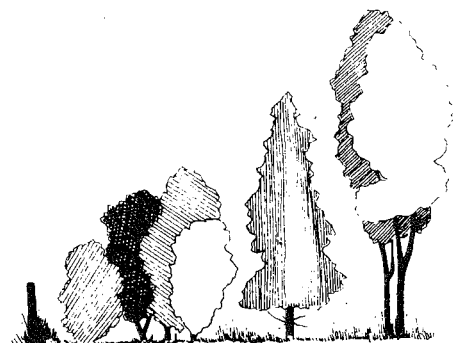
Front Row: Leslie Sikora, Matt Dickey, Sandy Snyder, Don Leopold, Debbie Shaed, Debbie Walters, Lisa Humphreys. 2nd Row: Tom Crowe, Dave Kern, John Sufak, Connie Cummins. 3rd Row: Brenda Potter, Scott Swiontek, Alex McQuade, Tanna Ragan. 4th Row: Clark Riley, Lisa Geiger, Brian Dick, Jeff Maryus, Matt Sauter. 5th Row: Ann Kessler, Russ Horneman, Christy Heffner, Ty King, Delisa Chenoweth, Glenn Reynolds. 6th Row: Dave Paulsen, Steve Stachowiak, Mark Poliak, Pete Leonard. 7th Row: Brett Ammerman, Bill Clark, Tom Neal, Jim Stultz, John Foster, George Foster. 8th Row: Pete Schroeder, Chuck Rosenburg, Jeff Pennsenger, Jim Bergan.





He who knows not and knows not he knows not,  
he is a fool- shun him;  
He who knows not and knows he knows not,  
he is simple- teach him;  
He who knows and knows not he knows,  
he is asleep- wake him;  
He who knows and knows he knows,  
he is wise- follow him!

Arabic Apothegm



# PEOPLE & PLACES



## MARTELL FOREST

Most students are familiar with Martell Forest through field work done for such classes as dendrology, silviculture and mensuration. The 365.6 acre forest is located 10 miles west of the Purdue Campus. Purchased in 1958, the property was originally known as the Shidler Forest in honor of the original settlers on the land. Additional tracts were purchased in 1964, 1965 and 1975. The name was changed to Martell Forest in 1975 in honor of Dr. Eldred Martell, department head from 1940 to 1958.

The habitats of Martell Forest are upland and bottomland sites. These sites consist of natural timber stands and open fields in various stages of succession due to prior mismanagement. Purdue management has resulted in two timber sales. In 1964, 8,968 board feet of black walnut were removed, and in 1964 72,000 board feet of mature cottonwood and sycamore were removed.

The property contains many facilities which have been beneficial to students and faculty. In 1967 a one-acre, spring-fed pond was excavated and stocked with largemouth bass and bluegill. This pond provides opportunities for wildlife and fisheries management studies. Other facilities include a nursery containing 1,200 lineal feet of seedbed, a fiberglass greenhouse which includes 800 square feet of bench space, a 30' by 50' headhouse which has a lab for research and demonstration, and a walk-in cooler.



Martell Forest is used for research by many professors. Some of the first work on weed control by use of herbicides was begun in 1963 by Drs. Byrnes and Merritt. In 1968, Dr. Byrnes conducted early fertilizer studies on black walnut. Numerous other studies have been conducted at Martell, including herbicide studies (by Dr. Holt), biomass studies (Dr. Pope), logging studies (Dr. Perkins), watershed studies (Dr. Parker), and fisheries research (Dr. Spacie and the Biology Department). Wildlife research includes Dr. Andersen's study to determine the effects of small mammals on the regeneration of white oak and Chuck Rosenburg's project with the beavers in Indian Creek. Studies by Dr. Beineke include a regional study of variation in European black alder and the genetic improvement of black walnut. The latter includes the largest collection of clonal black walnut in the world and a patented black walnut, the first timber tree ever to be patented.

National, regional, state and even international meetings of groups such as the Walnut Council, Society of American Foresters and Scottish Landowner's Association often include Martell in tours of research areas.

So, the next time you're at Martell take time to appreciate all the different vegetation types, wildlife varieties, and facilities that are available for use by Purdue students and staff.

Scott Swiontek

## PURDUE-BAKER WILDLIFE AREA

Birders, wildlifers, photographers, researchers, and nature enthusiasts in general will all find that a pleasant nine-mile trip from campus can lead them to 250 acres of just what they're looking for. Purplish raspberry canes arc out from the trail head, creating a colorful gateway to the main portion of the property. The path itself leads through a deciduous woodlot, then winds in and along fencerows, ponds, grassy fields, pine stands, and marsh and brush areas. Sound too good to be true?

The place of which we speak is the Purdue-Baker Wildlife Area located west of campus on State Road 26. Purchased in 1959 by the Department of Forestry and Conservation, this acreage is managed with two primary objectives in mind: the maintenance of water areas as a permanent bird refuge, and wildlife research.

Maintenance of a variety of environmental types has led to an abundant supply of wildlife, and along with it, much research. Among studies conducted (both past and present):

- \*\*\* Sodium drive, stress, and habitat use; and productivity vs cover in cottontails, mice, and muskrats.
- \*\*\* The effect of aquatic weed controls on marsh use by wildlife.
- \*\*\* The impact of substitute nest boxes on starling interference with wood duck nesting.
- \*\*\* Mast production and mast feeding populations in farm woodlots.
- \*\*\* The impact of control burning of habitat and nutrition on wildlife.
- \*\*\* Burrowing efficiency and dynamics in pocket gophers.
- \*\*\* Study of meadow vole movements by the use of radio isotopes.
- \*\*\* Study of insect populations attracted to different kinds of light.
- \*\*\* Nest placement, nest ecology, and nest durability of songbirds.



The nesting songbirds mentioned above are certainly not the only birds utilizing the property. Two ponds on the tract are part of a lowland complex attracting large numbers of waterfowl and other marsh birds. Because many other marsh areas in Tippecanoe County have experienced increased drainage within the last two decades, these ponds are especially important. In addition to these, there is a 1 1/2 acre farm pond equipped with a water control device. This allows for total drainage, thereby providing the means to manipulate and manage mammals, invertebrates, vegetation, and stocked fish populations.

A stroll around the property will reveal numerous duck boxes and other artificial nesting sites. These, plus the vegetative diversity, have attracted pied-billed grebes, least bitterns, mallards, blue-winged teals, wood ducks, Florida gallinules, long-billed marsh wrens, red-winged black birds, and more. Many migratory birds use the area as a stopover during their long flights.

A few buildings are found on the property. These include the residence of the property manager (Professor Weeks) and two large sheds which are used as field laboratories.

Being only fifteen minutes from campus, the Purdue-Baker Wildlife Area is ideal for field trips. It is often the focal point for class sessions in mammalogy, ornithology, wildlife management, general ecology, etc., and for use in supervised individual student projects. No hunting, fishing, or picnicking is permitted.

The Purdue-Baker Wildlife Area. It's a valuable asset for research and for nature study. It's a wonderful place to observe and appreciate. It's a place to photograph . . . a place to enjoy. The Purdue-Baker Wildlife Area. Why not wander out there, and see what it means to you?

LARS (Laboratory for Applications of  
Remote Sensing)

Effective resource management requires accurate, quantitative and timely information about the resource involved. From the standpoint of natural resource inventories, the launch of the Landsat-I satellite in 1972 was one of the most significant events of this century, in that it enables quantitative synoptic data of the world's forest resources to be obtained at frequent intervals. The satellite has the capability of collecting data in either image or computer compatible tape format over the entire surface of the earth every eighteen days. Such vast quantities of data clearly require the utilization of effective and efficient analysis techniques.

Computer processing techniques involving pattern recognition theory were first applied to multispectral scanner data, such as obtained by the Landsat satellite, at Purdue University. Since the launch of Landsat-I, the computer-analysis techniques developed at Purdue have been implemented at numerous data processing facilities throughout the United States and the entire world. These techniques have been utilized by various private industry, state, and federal groups for exploring, inventorying and monitoring a wide variety of natural resource situations including:

- Agriculture - crop conditions & acreage  
crop yield estimates  
disease extents, severity, and progress  
soil mapping (subsoils, hidden preglacial features, etc.)
- Forestry - cover mapping  
locating wildlife habitats  
timber mgmt. applications  
forest fire damage assessment, fire intensities

- Water Resources - flood monitoring  
surface temp. and quality  
snow cover mapping  
for runoff predictions

- Geology - mineral and oil exploration  
mapping faults and fractures

- Land Use - urban and rural resource  
inventory  
zoning  
land use mapping & inventory

Our own Dr. Roger Hoffer is the program leader of Ecosystems Research Programs at LARS. Aside from teaching courses in remote sensing at Purdue, he has lectured, consulted, and participated in remote sensing activities in S. America, Asia, and Europe. Dr. Hoffer has also served as principal investigator on Landsat, Skylab, and other remote sensing projects.

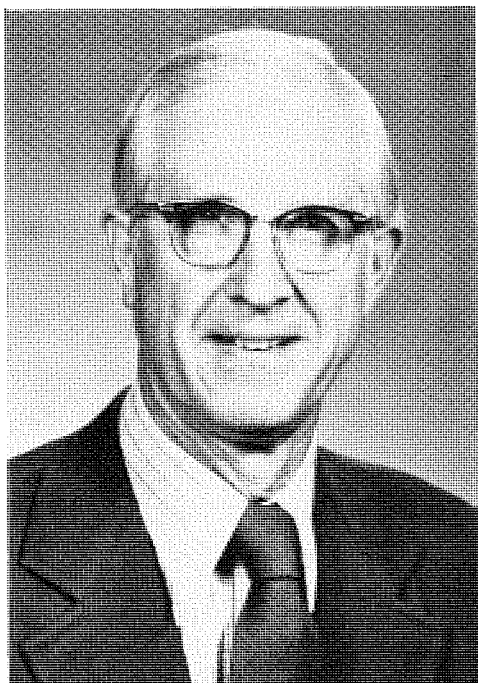
In 1972, LARS was chosen by NASA to analyze the first frame of data returned to Earth by Landsat I. In 1975, NASA chose LARS to provide technical leadership for a phase of the worldwide Large Area Crop Inventory Experiment (LACIE). Then, in 1976, LARS was co-recipient of the Wm. T. Pecora award for outstanding contributions to the field of remote sensing.

The analysis techniques developed at Purdue's Laboratory for Applications of Remote Sensing have had a significant impact on the cost effectiveness and accuracy of such resource assessments in the U.S. as well as in numerous countries throughout the world.

- Brenda Potter

## DR. KIRKPATRICK

by Pam Morgan



At first I was hesitant doing an interview with Dr. Kirkpatrick. I thought him to be a very knowledgeable man, and I also thought that it would be difficult to talk to him since he was an older man and had so much experience in wildlife management, the option that I had chosen to pursue. However, the minute that I met him, I knew that he was an easygoing man, and it would be easy to talk to him. We agreed on a time and place to have the interview. The day of the interview came and time passed quickly as I asked him questions. The following is what I found out about this interesting man.

Charles Kirkpatrick was born in New Point, Indiana and lived in the country. His father was an avid outdoorsman, and Charles enjoyed following his father about. In Charles' younger years, his father was the biggest influence in his life. Charles became interested in wildlife because of his father, and at the age of 18 he decided that wildlife would be his career.

In 1938, Charles graduated from Purdue University with a B.S. in zoology. In 1940, he received his M.S. at the University of Wisconsin and in 1943, he received his Ph.D. at the University of Wisconsin.

When asked how wildlife education has changed since he attended school, Dr. Kirkpatrick replied, "Undergraduate student teaching has become more important since 1940, and undergraduates have increasingly had opportunities to participate in field experience."

Dr. Kirkpatrick's experience in wildlife includes starting as a laborer at the age of seventeen for the Division of Fish and Game, becoming a graduate assistant in limnology and zoology at the University of Wisconsin, and becoming a member of the staff at Purdue in wildlife management in 1941.

Dr. Kirkpatrick feels the most important thing that he's done in wildlife is his teaching. The one thing that he's failed to do that he would like to have accomplished is that he didn't have as much influence on wildlife resources in Indiana as he had expected to.

Dr. Kirkpatrick's philosophy about education is simple: "Training and practice in fundamental education (sciences, language) are more important than applied courses in natural resources. Literacy is very important."

Dr. Kirkpatrick is now retired and living in Lafayette, IN. He still keeps very much in touch with good ole' Purdue by having lunch with some of the professors. His hobbies include nature study, hunting, fishing, reading, hiking, and travel.



## Memories of Forestry Camp

by Charlie Miller

Between 1946 and 1973, I directed 26 Purdue Forestry Summer Camps, an American record. Twelve camps were on the Clark State Forest, Henryville, Indiana. Fourteen were on the Nicolet National Forest, Tipler, Wisconsin. Of these camps, 11 were 10-weeks long, 5 were 9-weeks long, and 10 were 8-weeks long. The difference, I would emphasize, between an 8- to 10- week camp and a 5-week camp is great. The patience, endurance, and character of all is most severely tested in an 8- to 10-week camp.

In the 40's, 50's, and most of the 60's the Camp Director was many things: paramedic, teacher, psychologist, paymaster, grounds superintendent, maintenance superintendent, dietitian, purchasing agent, sanitary engineer. The Camp director was also, last but not least, company commander.

Let me say that a philosophical turn of mind helped me prevail for 26 years. These immortal maxims were particularly helpful: "You have to suffer a little to be happy!" and "In Desperandum, Non Basdadorum, Non Carborundum!" I remember the solace these words gave me after I had mediated a fight between two students, and after I had obtained an out-of-court settlement for several students who got into a barrom brawl.

May I quote additional items from my Camp Journals that illustrate other things that disturbed the serenity of camp life:

June 30, 1947. Bryan Clark got lost taking a short cut through the woods to visit a girl at a farmhouse along the Salem road. He spent the night in the woods.

August 5, 1948. Joe McCarthy rolled his car over while speeding down the forest road past the old Batey place at a late hour, and cut a swath through the pine plantation. He wasn't alone. No one seriously hurt.

August 12, 1948. Flowing spring reported on path between camp and Schlamm Lake. Spring turned out to be a break in the watermain. Borrowed welding rig from Louie Coots of Henryville and, with help of Fred "Chief" Roberts, worked all night to fix the main. "Chief" stood on his head in a 6-foot hole to weld the pipe.

July 15, 1949. Bus driver "Cowboy" Hall came down firetower hill too fast with a full load (of students). Put bus in low gear to slow it down and blew head gasket. Louie Coots had bus back in action the next day.

July 3, 1950. Mark Coughlin borrowed a horse, rode it to camp, and washed it with a garden hose.

June 22, 1970. Ranger Footer stopped by in a huff. He claimed one of our students had knocked down a Forest Service sign near camp and had driven at high speeds around the Forest Service Campground. An inspection of all student cars revealed no evidence that one of our students was involved. Footer was not convinced.

June 25, 1970. Rick Sprague reported that he had hit and killed a deer along hiway 70. The car, an Opel Kadett, sustained about \$450 damage. Three students in car with Sprague. No one injured. Told him to report accident to Sheriff in Long Lake.

July 3, 1970. (Official Holiday). Five students called about 6:00 p.m. to report that they had had an auto accident near Ely, Minnesota. No one injured, but car badly damaged.

July 4, 1970. Picked up the students involved in the Ely accident at 9:30 p.m. They reported that they had rolled the car over on a dirt road northeast of Ely. They had two rented canoes on top. The car and one canoe were totaled.

July 27, 1970. Cooks reported that someone had taken a large cake from the pantry. The cooks took it in stride.

And then there were near drownings on Lost Lake and the Pine River, severed arteries, broken bones,... But I never lost a man or woman! "All is well that ends well."



Charlie Miller, left, with Dr. E.R. Martell, Head of the Forestry and Conservation Department, and George Spencer, right, Professor of Agricultural Engineering, at the 1950 Purdue Forestry Camp, Henryville, Indiana. Tom Borden, a student at the camp and current President of the Society of American Foresters, is seated in the background.



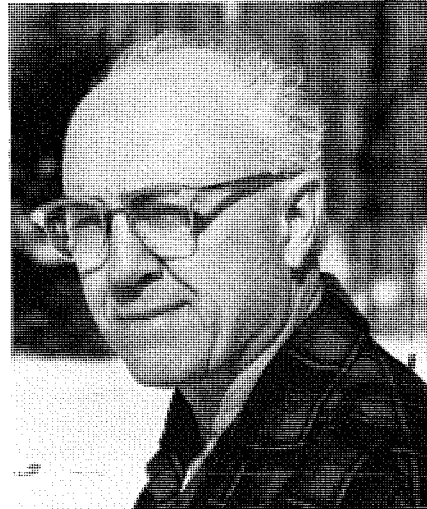
Dr. Durward Allen

by: Paul Sherwood

How many times in a person's lifetime does he get the chance to meet a true pioneer, a person whose work is heralded around the world as being among the most highly regarded in its field? Not often. In fact, all too often it seems to many people that there aren't any frontiers left today, and thus no pioneers. Fortunately, for those of us here at Purdue, this isn't true. There is a true pioneer in our midst, and since 1954 he has endowed literally thousands of students with his knowledge, his expertise, and his professionalism in the field of wildlife ecology.

Dr. Durward Allen, Professor Emeritus of Wildlife Ecology was born in Uniondale, Indiana. Even as a youth, Dr. Allen was developing his interests in wildlife by reading the animal history books of Earnest Thompson Seaton and other authors of outdoor lore. There was no such thing as wildlife science at that time, and the field of Wildlife Management still had to wait a few years to be invented, so Dr. Allen educated himself in wildlife lore by reading whatever books were available that dealt with animals.

After high school, Dr. Allen went on to receive an A.B. in Zoology at the University of Michigan in 1932, and in 1937 received his Ph.D. in Vertebrate Ecology from Michigan State College. Yet for all his interest in wildlife, he never had a wildlife course in school; there weren't any at that time. But being well grounded in the animal sciences of the day, he went on to become recognized worldwide for his pioneering work in wildlife ecology and was influential in the very early days of the Wildlife Society. Quotes Dr. Allen; "I was particularly active in the late 40's, and after Leopold died, I was chairman of the committee that designed the Leopold Memorial Medal."



Durward Allen went on to become the President of the Wildlife Society in 1956, and in 1969 he was honored with the Leopold Memorial Medal, the same medal he had helped to design.

Durward Allen's work in wildlife ecology has spanned fifty years, and the results have been a veritable stream of books, journal publications, and popular magazine articles. His first book, published in 1943 for the Michigan Department of Conservation, was entitled, "Michigan Fox Squirrel Management." This was followed by "Pheasants Afield," and in 1954, by "Our Wildlife Legacy," a book that brought him national acclaim and was used in university wildlife courses all across the United States. For many wildlifers, this book became their bible of wildlife ecology. But the work didn't stop there. In 1967, Dr. Allen published, "The Life of Prairies and Plains," and in 1979, he published "The Wolves of Minong," a book that was the culmination of twenty five years of intensive, pioneering research on the ecology of wolves on Isle Royale. Aside from his landmark books, Durward Allen has written over 60 technical papers for scientific journals and conference transactions, and he has authored over 100 feature articles in such magazines as: "Field and Stream," "Audubon Magazine," "Sports Illustrated," and "National Geographic."

Durward Allen never took "no" for an answer, and his inner intensity served him well in many positions. His professional career began as a Game Research Biologist with the Michigan Department of Conservation from 1935 to 1946, including a two year interruption to serve in the armed forces during World War II. Dr. Allen then joined the U.S. Fish and Wildlife Service in Washington, D.C., and in that capacity rose to become the Acting Chief of the Branch of Wildlife Research in 1953. His experience with the federal government at that time led Durward Allen to turn to academia and Purdue University; "When I became Acting Chief of the branch, the Eisenhower administration had come in and appointed a Chevrolet dealer as Director of the Fish and Wildlife Service. They weren't very interested in promoting our kind of thing." Then, in 1954, Durward Allen came to Purdue to begin his teaching career, and since that time has touched many thousands of us.

Although retired from teaching now, Dr. Allen's work still goes on.

As a member of the Board of Directors of the National Audubon Society, he regularly travels and lectures throughout the United States. He is kept busy by his work with the Nature Conservancy, the Wildlife Society, and his advisory commitments to governmental agencies such as the Department of Interior Advisory Board on National Parks. Yet he still makes it a point to meet with students, get to know them, and volunteer his time to speak for student organizations, or make an occasional classroom guest appearance. Durward Allen is a man who has accomplished much in his lifetime; his contribution to the field of wildlife ecology cannot be fully measured, and his work goes on.

As you tread the dimly lit hallway on the ground floor of the Forestry building sometime, knock on that little office door down by the wildlife board. Go in and meet a man who read himself to sleep at night with the aid of a flashlight under the covers. Go in and meet a true pioneer, Dr. Durward Allen.



#### TREES

lofty pillars, graceful towers,  
 silent sentries of the ages  
 how you bear the moods of nature,  
 always reaching for the sun...  
 how you bend with playful breezes,  
 hug the seasons to your branches,  
 gently proud, serenely noble,  
 part of nature's perfect rhyme  
 --Richie Cusack



## ARE WE REALLY PRACTICING "FORESTRY"

by Tom Borden

President, Society of American Foresters

"Good timber management is good forest management" was the axiom at Purdue, 25-30 years ago. I hope it is no longer so. Since graduation in 1952, I've been impressed with statements at forest management sessions of one kind or another with people saying such things as, "When the timber is harvested, other resources will be enhanced." No mention is made of which resources, how, when, why or in what quantity or quality.

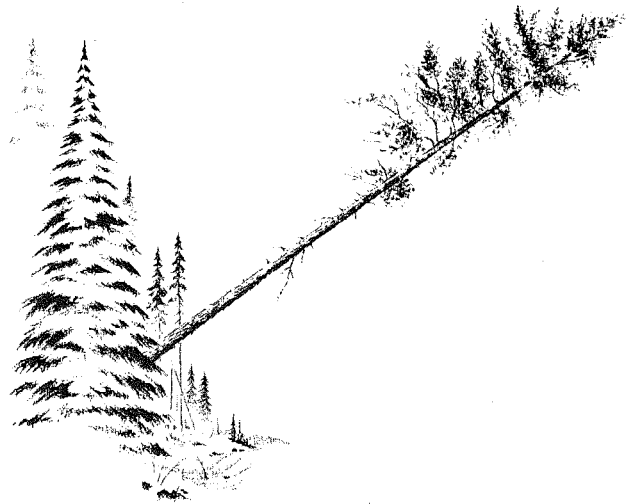
Thirty years ago we might have gotten away with such a simplistic approach, but today public attitudes are significantly different. We should oftentimes harvest timber based primarily on managing the other forest resources. Here's an example. We can set up a timber sale on a bluff alongside the Wabash River and be condemned as butchers of the forest. On the other hand, we can open up a scenic vista and be considered benefactors of mankind. The logs will look the same in the mill yard. The cubic foot content and the profit can be the same.

We can cut trees and reduce fire hazard or the incidence of insect epidemics. In some parts of the nation, we can cut trees to increase water yield or to provide winter range for deer or elk. We can improve habitat for rabbits, cardinals, mice and hawks and be heralded as heroes or we can set up a "timber sale" and be considered rapists. Frankly, I'd rather be a hero, wouldn't you?

Let's change the axiom to "Good forest management is good timber management," and then let's go out and prove it.



November 30, 1982



Take time to listen to the voices of the earth and what they mean... the majestic voice of the thunder, the winds, the sounds of flowing streams and the voices of living things, the dawn chorus of the birds and the insects that play little fiddles in the grass.

-anonymous



## WOLF PARK

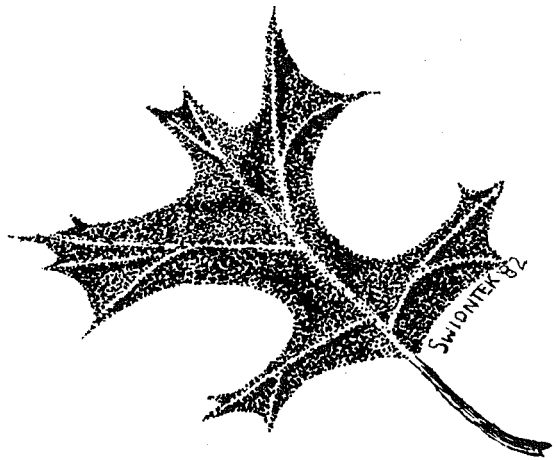
by Gail Inman

Wolf Park was established by Dr. Erich Klinghammer in 1972 with the acquisition of a pair of wolves from the Brookfield Zoo. The park now is home to 15 wolves, most of which were born there, as well as a small herd of bison. The facility is located two miles north of Battle Ground, Indiana (317-567-2265).

The park is open to the public on weekends from May through December. Except for "wolf howl nights," the park closes during the winter months so time can be devoted to research during the breeding season. Those who visit the park can learn more about wolves and their behavior by listening to the lectures and by asking questions. On Sunday afternoons there is a wolf-bison demonstration in which natural predator-prey interactions can be observed.

Wolf Park is supported strictly through gate receipts, memberships, and donations. There is also an Adopt-a-Wolf program in which individuals help support the cost of maintaining a wolf for one year. Participants in this program receive a lifetime park membership, pictures and letters concerning their wolf, and even be allowed to socialize with their "adoptee."

The park staff consists almost entirely of volunteers, many of whom are Purdue students. For those who wish to learn more about wolves first hand, being a Wolf Park volunteer and "pack member" is a very rewarding experience.



## DEER CHECKS

by Dan Driscoll

With the first scent of deer season in the air, Crane Naval Weapons Support Center personnel begin processing applications for their annual deer hunts. The Indiana Department of Natural Resources is responsible for manning a deer check station at every hunt. DNR State Deer Biologist, John Olson, and District Biologist, Gary Langell, lead a squad of helping hands at the check area. Helpers include other DNR Biologists, and volunteer Purdue Students.

The Purdue Wildlife Society's White-Tailed Deer Committee plays a major role in collecting data for the DNR, in addition to collecting adrenals, ovaries, and rumen samples for Dr. H. P. Weeks. Students use dental wear to determine the age of deer, and collect data from hunters on other deer they have seen. The opportunity to field dress a deer occasionally presents itself to an enthusiastic worker.

The white-tailed deer herd at Crane is a strong, healthy one, with 2,500 individuals over 100 square miles of protected military base. There are 7 hunts in all, 2 archery and 5 gun hunts. The 2 archery hunts this year harvested 24 deer, and the 5 gun hunts harvested 556 deer. The largest deer taken this year was 232 lb., 10 point, buck, quite a specimen.

Deer checks offer excellent experience and knowledge to any student who is willing to give up a Friday night and Saturday of a fall weekend. They also give the student a chance to associate with professional biologists, and to work with the public (i.e., hunters). But most of all, they're a BLAST.

## A SUMMER AS AN "ASPHALT FORESTER"

by Brenda Potter

The summer of 1982 was an educational one. Having survived(?) summer camp in the wilds of Wisconsin, I was given the dubious distinction of becoming an "asphalt forester" for Indianapolis. The job included conducting a tree inventory for the Parks Dept. along every city street in Marion County.

The survey identified each tree on the city's right-of-way, by species, size, condition and work needed (i.e. trimming, removing, etc.). Spaces where trees could be planted were also noted. This was done from 6:30 am to 5:00 pm, give or take transportation time from headquarters.

This may sound like fun & frolic in the sun (and rain), but Lisa Geiger, John Kershaw & I made several discoveries throughout this period of time.

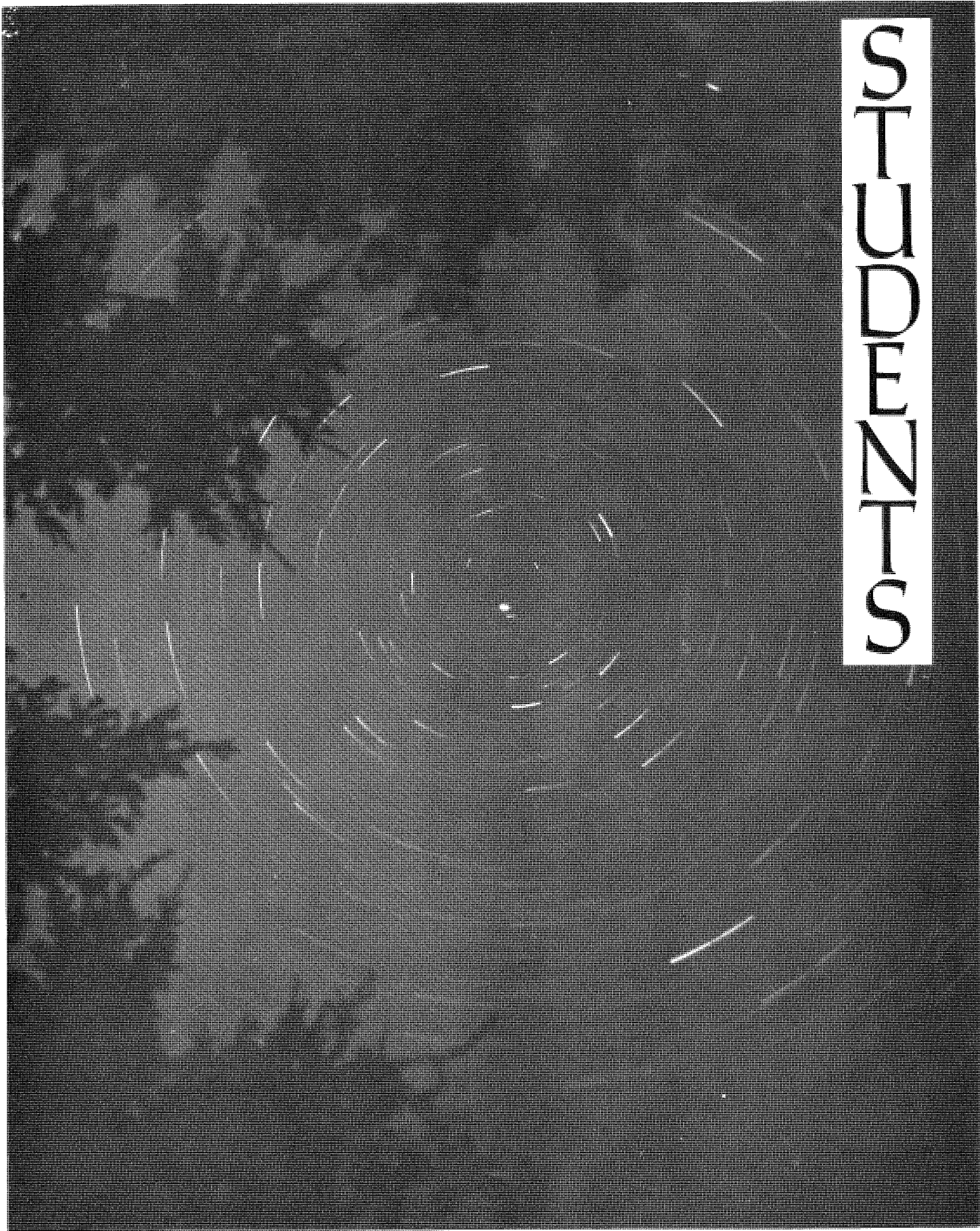
- . a biltmore stick is not issued for DBH measuring-but for fending off canines.
- . Robins occasionally lay eggs outside their nests onto unsuspecting pavement pounders 75' below.
- . trees never look like the Dendro examples.
- . workmen's compensation is not offered, because inventory takers rarely survive a whole summer without being hit by cars/mauled by dogs/mugged in some areas/shot for trespassing/flushed.
- . house numbers are illogical, hidden behind ivy, or non-existent.
- . at 6:30 am, ladies in bathrobes and slippers are highly suspicious of anyone staring at their house (house numbers?), pacing into their yard, or looking at treebuds.
- . people don't understand "right-of-ways", and get aggressive and vocal about them. (excellent chance to improve your P.R.)
- . it's the "in" thing to do to plant 24-2" seedlings at 1' spacings within a 40' strip of right-of-way.
- . together, 2 or 3 seven-year-old boys are very territorial and may attack you with plastic baseball bats.
- . Lindner's (Ice Cream!) stores are easily accessible from anywhere in Indy.
- . transmission fluid hoses are fixable with flagging tape.
- . there are a thousand different (and colorful!) ways to say "get out of my yard."
- . summer employees get to do backed-up monthly inventory & tree crew reports.
- . the best mulberry and raspberry spots are on the most hazardous roadsides.
- . rain storms inevitably "nail" you while the car is 20 miles away.
- . 4-lane roads are always paced during rush-hour.

With all these fascinating discoveries, we even found time to wear out tennis shoes, develop "clipboard knuckles" (hyperextended backwards), look up obscure right-of-ways at the downtown assessors office, help run an arborists' jamboree, and forever imprint hundreds of tree species in our brains.

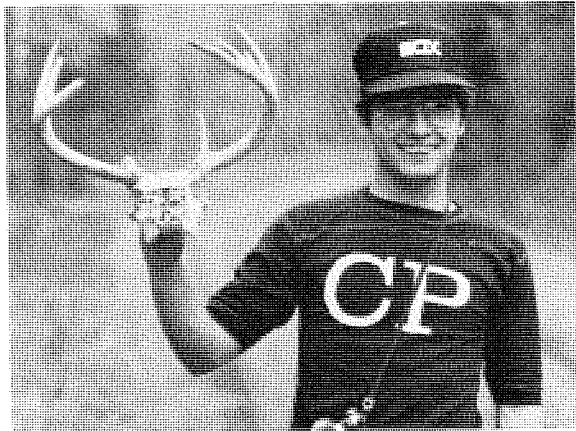
All in all ... a very educational summer.



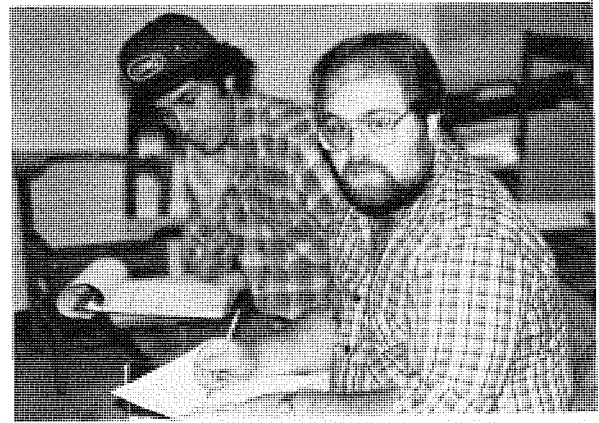
# SHINDOHS







Glenn Reynolds  
Wildlife Mangement



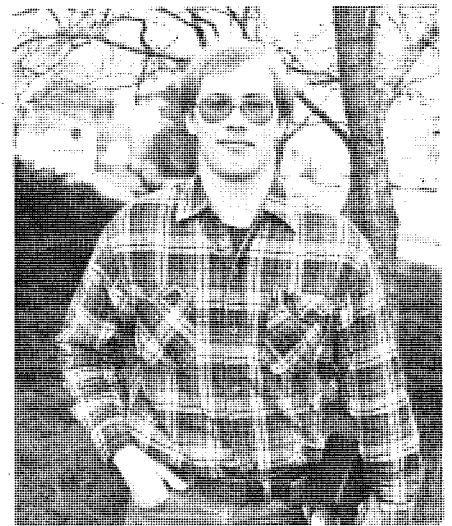
Bill Clark  
Forest Products



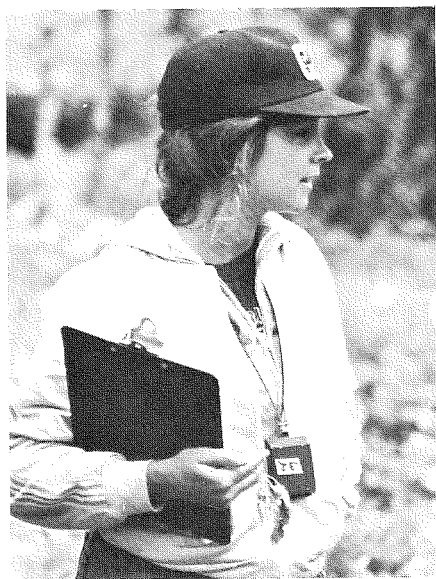
Brenda Potter  
Wildlife Management



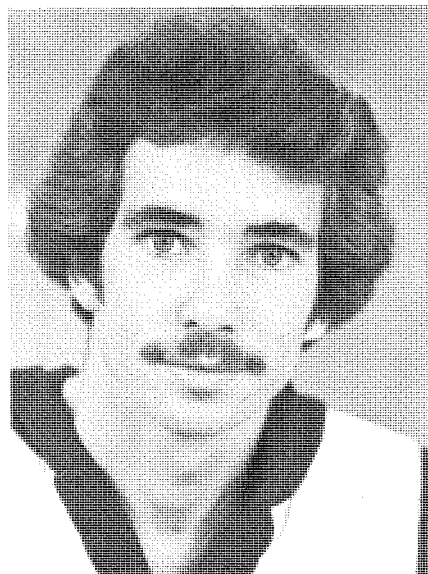
Sherman Liechty  
Wildlife Science



Al Sterwerf  
Forest Management



Lisa Humphreys  
Forest Products



John Foster  
Forest Management



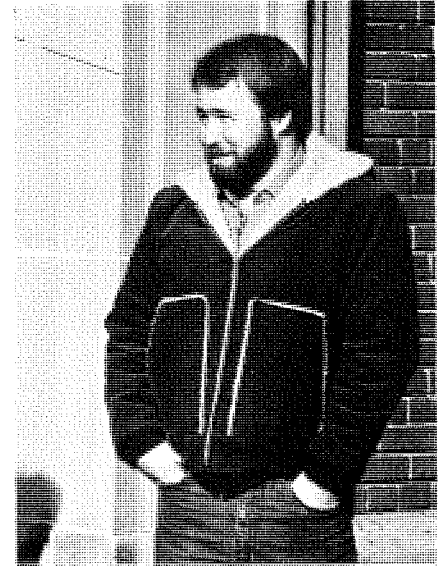
Christy Heffner  
Wildlife Management



Debbie Schaed  
Wildlife Management



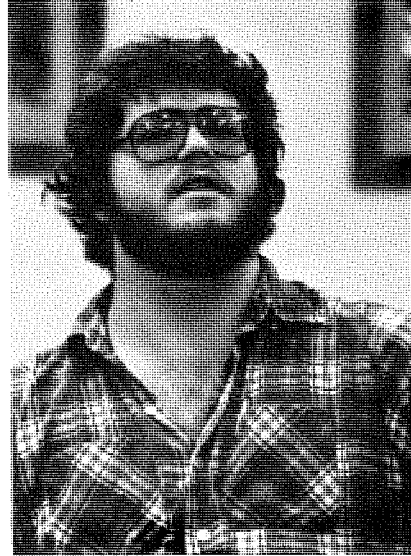
Dave Kern  
Forest Management



Marty Whittaker  
Wildlife Science



George Foster  
Forest Recreation



Tom Neal  
Wildlife Management



Connie Cummins  
Forest Management



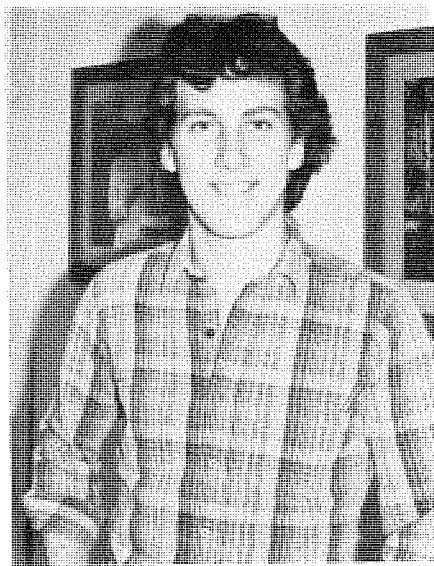
Tanna Ragan  
Wildlife Management



Tom Crowe  
Forest Management



Delisa Chenoweth  
Urban Forestry



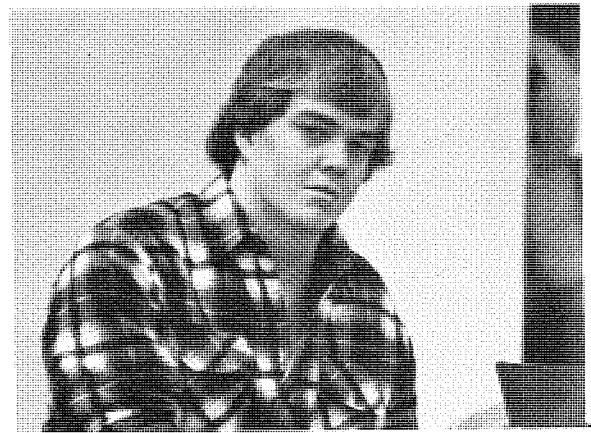
Clark Riley  
Forest Products



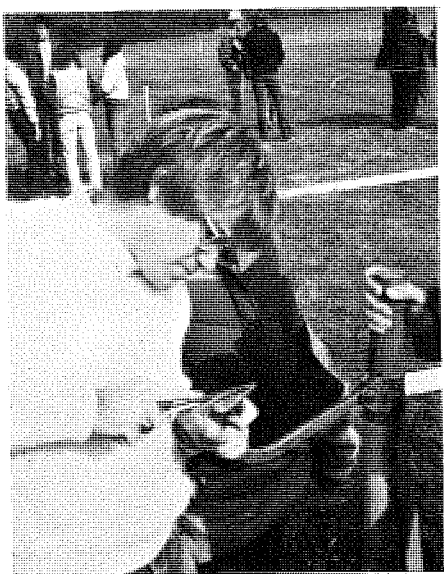
Pete Leonard  
Forest Management



Matt Dickey  
Forest Recreation



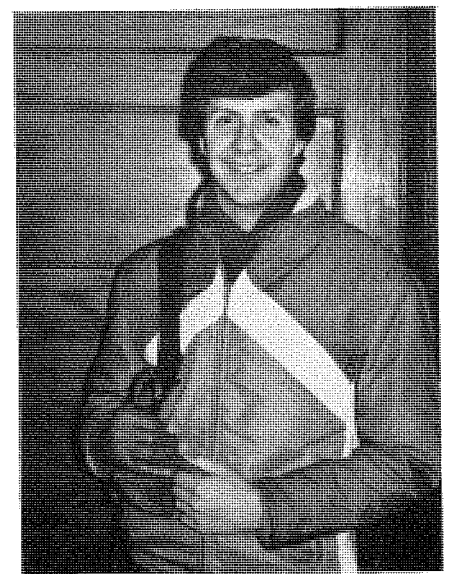
Jeff Thompson  
Wildlife Management



Mark Poliak  
Urban Forestry



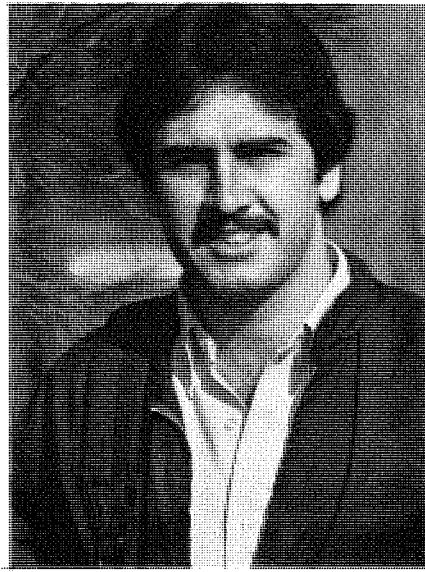
Leslie Sikora  
Wildlife Management



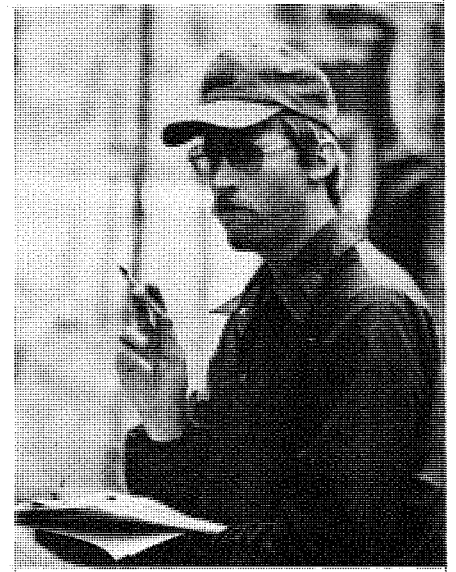
Jeff Matyus  
Forest Products



Debbie Walters  
Wildlife Management



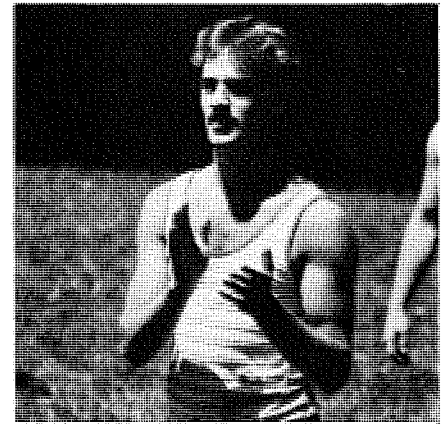
Jim Stultz  
Forest Products



Dave Paulsen  
Wildlife Management



Alex McQuade  
Forest Management



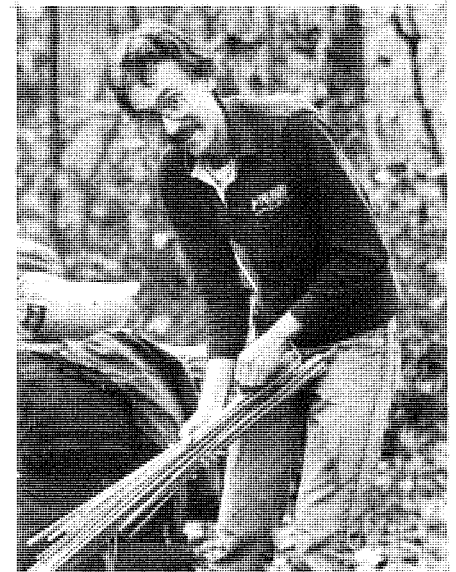
Ty King  
Forest Management



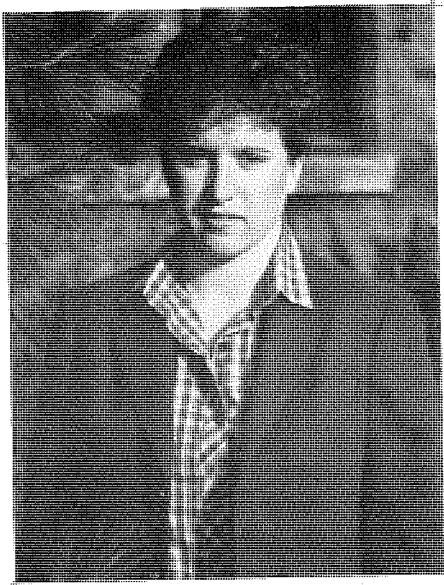
Ann Kessler  
Wildlife Management



Sandy Snyder  
Wildlife Management



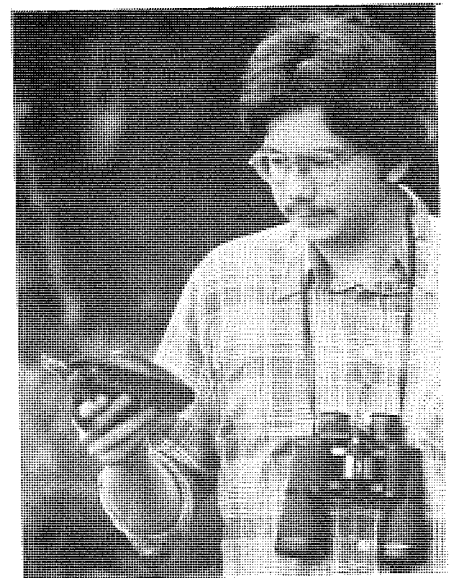
Brian Dick  
Forest Recreation



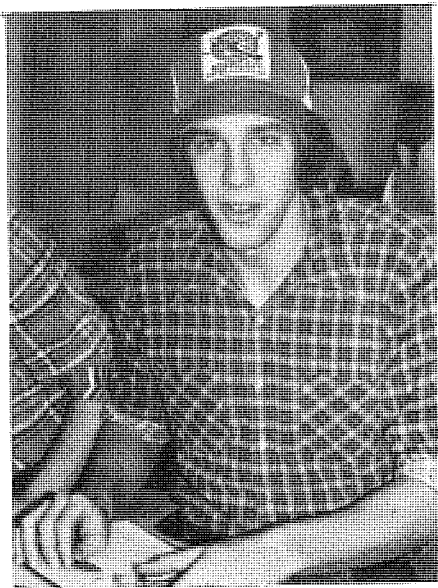
Lisa Geiger  
Forest Recreation



Chuck Rosenburg  
Wildlife Management



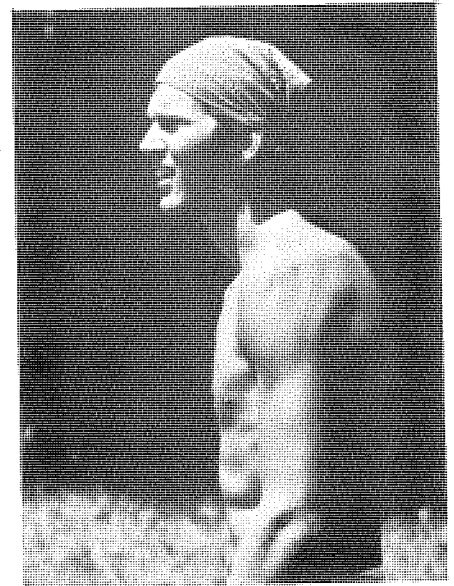
John Sufak  
Wildlife Management



Steve Stachowiak  
Forest Management



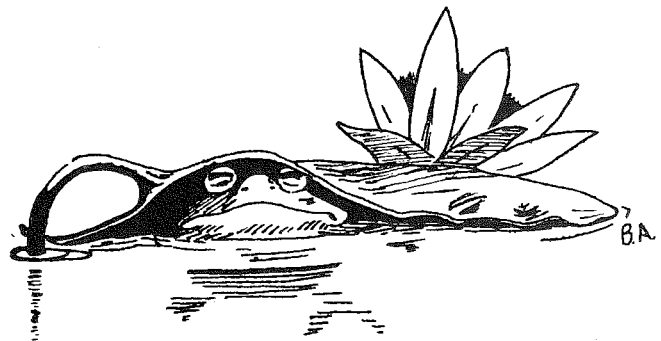
Russ Horneman  
Forest Products



Brett Ammerman  
Forest Management



Scott Swiontek  
Forest Management



# Permanent Addresses—Class of '83

Ammerman, Brett Alan  
4562 12 B. Rd.  
Bourbon, IN 46504

Butler, Thomas William  
3544 N. Lawndale  
Indianapolis, IN 46224

Chenoweth, Delisa Jill  
814 Merry Ln.  
Greenwood, IN 46142

Clark, William Charles  
1064 N. Hardebeck Rd. 300E  
Kokomo, IN 46901

Crowe, Michael Thomas  
53155 Oakmont West  
South Bend, IN 46637

Cummins, Constance S.  
56181 Rio Lindo Dr.  
Elkhart, IN 46514

Dick, Brian Lee  
1840 Woodland Ave.  
West Lafayette, IN 47906

Dickey, Matthew Lowell  
5080 North Huntington Rd.  
Marion, IN 46952

Foster, George Andrew, III  
2218 East Jackson St.  
Elkhart, IN 46516

Foster, John William  
123 Marcy Ln  
Greenwood, IN 46142

Foxworthy, Barry Allen  
RR #4 Box 100  
Georgetown, IN 47122

Geiger, Lisa Ann  
1211 Rosner Dr.  
Speedway, IN 46224

Heffner, Christy Lynn  
3505 Calumet Ave.  
Valparaiso, IN 46383

Horneman, John Russell  
RR #2 Box 572  
Scottsburg, IN 47170

Humphreys, Lisa M. Laing  
2311 Morgan Dr.  
Norman, OK 73069

Kern, David Terence  
356 Indian Trail Dr.  
Franklin Lakes, NJ 07417

Kessler, Ann Katherine  
1200 Harrelton Ct.  
Evansville, IN 47715

King, Ty Alan  
2120 North King Rd.  
Marion, IN 46952

Landon, Margaret Sue  
7113 Fairwood Dr.  
Indianapolis, IN 46256

Leonard, Peter Kramer  
205 Somerset  
Valparaiso, IN 46383

Liechty, Sherman J.  
RR #1  
Spencerville, IN 46788

Matyus, Jeffrey Robert  
1218 North 36th St.  
Allentown, PA 18104

McQuade, A. Alexandra  
7340 Galloway Ave  
Indianapolis, IN 46250

Neal, Thomas Harrison  
1705 North Breiel Blvd.  
Middletown, Ohio 45042

Paulsen, David Jay  
2414 Normandy Dr.  
Mishawaka, IN 46544

Poliak, Mark Adam  
5930 Ralston St.  
Indianapolis, IN 46220

Potter, Brenda Kay  
7336 Lowe Dr.  
Lawrence, IN 46226

Ragan, Tanna Lea  
1420 Tam-O-Shanter Ln  
Kokomo, IN 46902

Reynolds, Glenn Edward  
3601 Sheffield #118  
Hammond, IN 46327

Riley, Clark Walter  
890 Bluffview Dr.  
Worthington, Ohio 43085

Rosenburg, Charles Patrick  
1411 Doeblor St.  
North Tonawanda, NY 14120

Schaed, Deborah Ann  
6 Brenning Pl  
South River, NJ 08882

Sikora, Leslie Ellen  
3304 Farmer Dr.  
Highland, IN 46322

Snyder, Sandra Kay  
9824 East 24th St.  
Indianapolis, IN 46229

Stachowiak, Steven Anthony  
12822 Darlene Cr.  
Granger, IN 46530

Sterwerf, Albert Mark  
107 East 17th St.  
Connersville, IN 47331

Stultz, James Austin  
1213 Southport Rd.  
Terre Haute, IN 47802

Sufak, John David  
4211 Euclid Ave.  
East Chicago, IN 46312

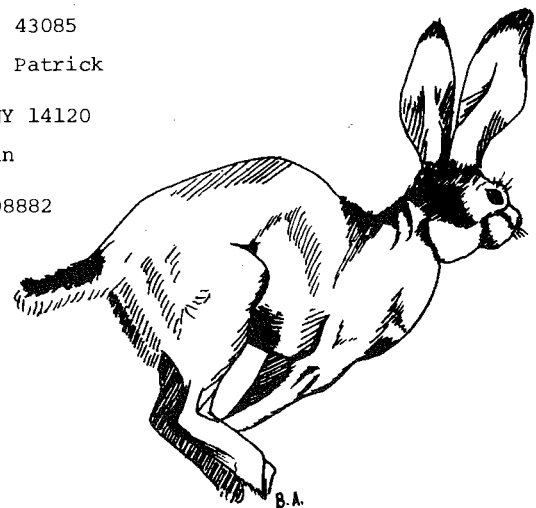
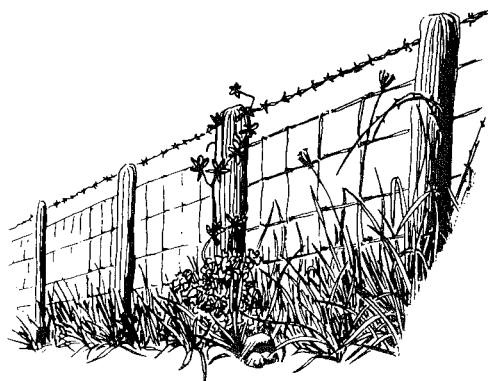
Swiontek, Scott Richard  
7233 McCook St.  
Hammond, IN 46323

Thompson, Jeffrey S.  
49 Callon Rd. Lamb Lake E  
Trafalgar, IN 46181

Unversaw, Ralph Allen  
3738 Oak Leaf Dr.  
Bloomington, IN 47401

Walters, Deborah Lyn  
174 Merion Rd.  
York, PA 17403

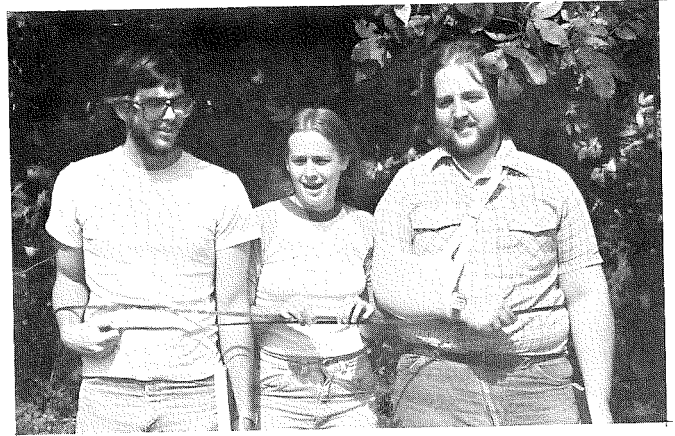
Whittaker, Marty Joe  
RR #1  
Churubusco, IN 46723



# JUNIORS



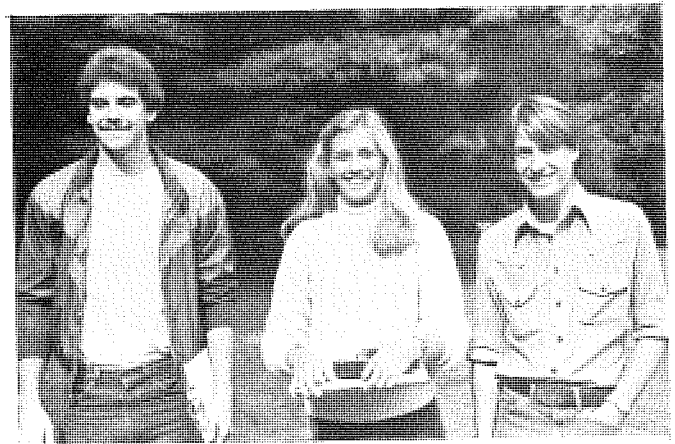
Rhonda Matteson, Pam Morgan,  
Karen DeLong



John Schleuder, Sherry Gwin,  
Dennis Gordon



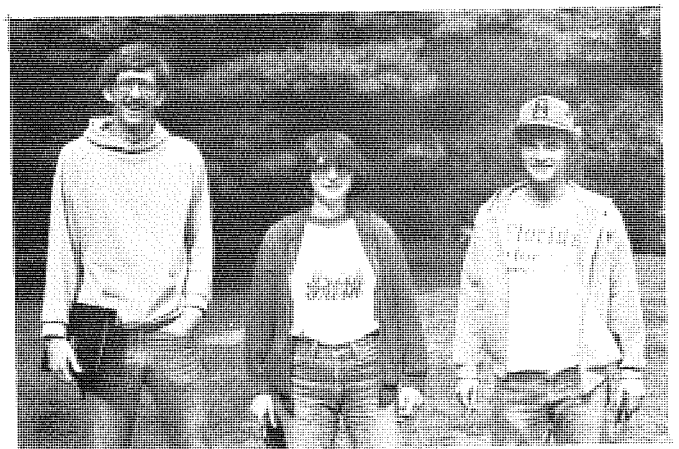
Jory Lyons, Liz Mickler,  
Steve Siscoe



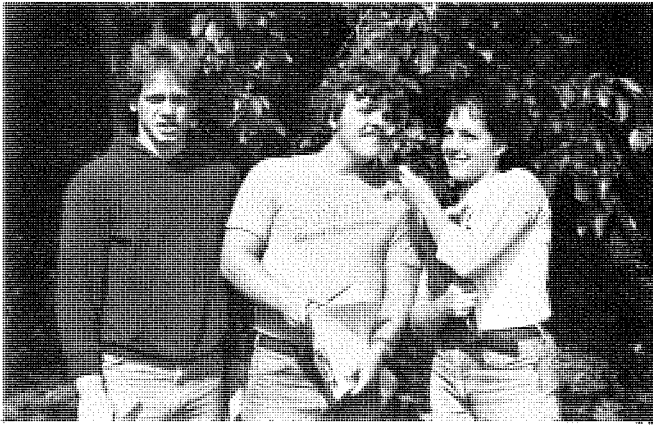
Trey Clark, Jeanne Young,  
Chris Goudreau



Jim Bateman, Tony Grossman,  
Derek Vennice



Mike Wezet, Judy Laskowski Brown,  
Doug Brown



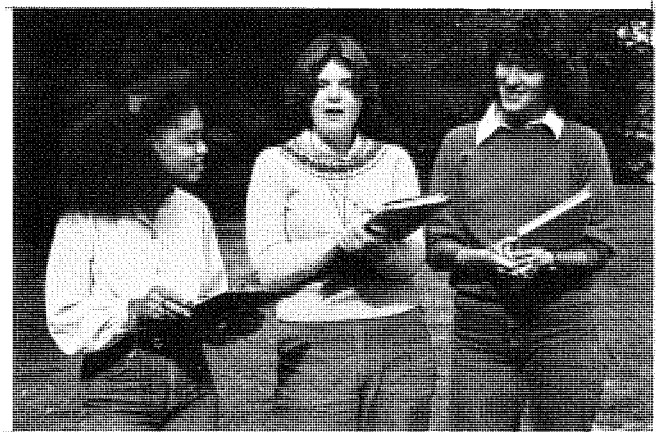
Greg Kuntz, Steve Goodwin,  
Laura Gaddes



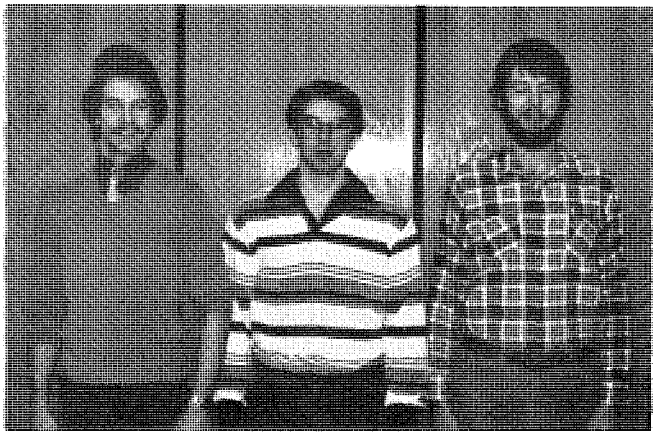
Arthur Lapadat, Dianna Hartwell,  
Jeff Gerbracht



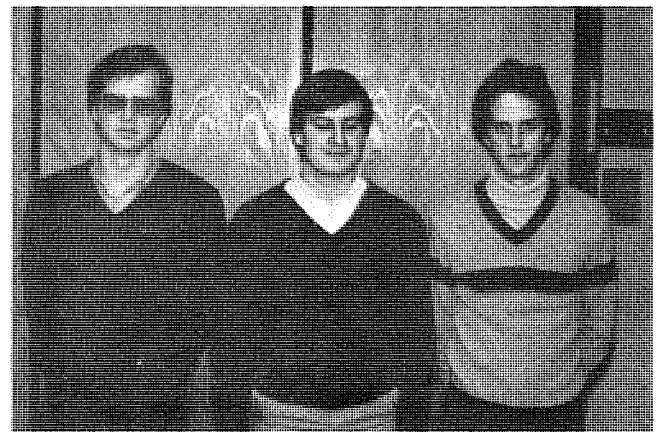
Dru Dennison, Paul Sherwood,  
Andy Sipocz



Kim Clay, Charlene Hannah,  
Cora Kasnak



John Easley, Kirk Sobecki,  
Bill Lambert

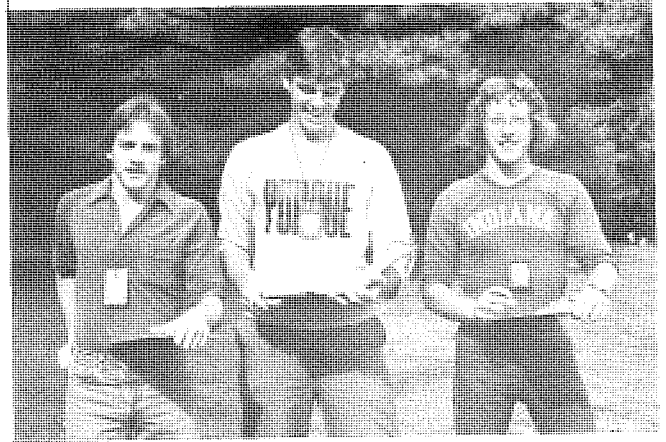


Kevin Derheimer, Dan Phillips,  
Scott Jamieson

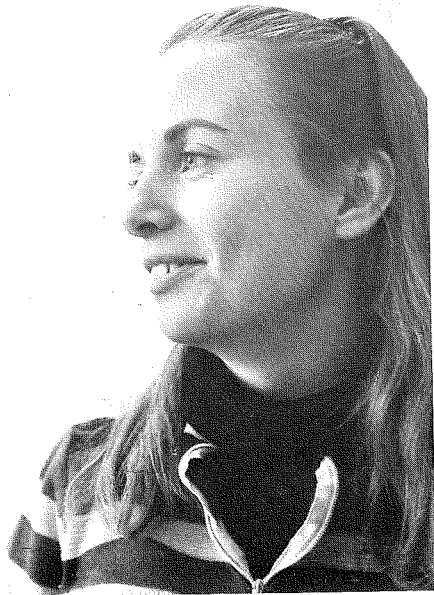




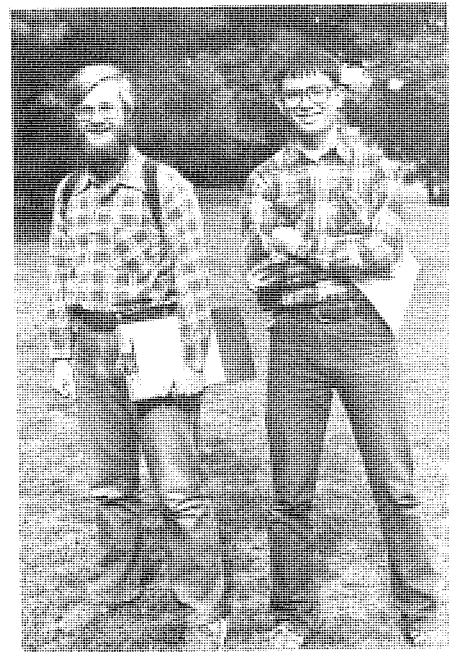
Phil Jayko, Jeanne Golding,  
John Anderson



Rusty Burke, Carl Wagner,  
Paul Sobiech



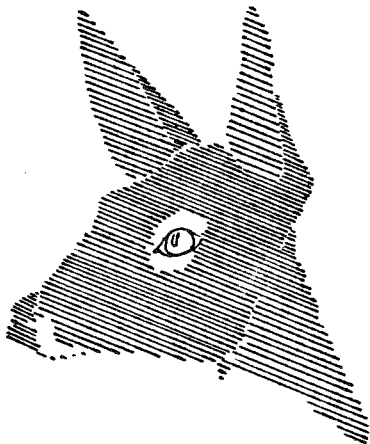
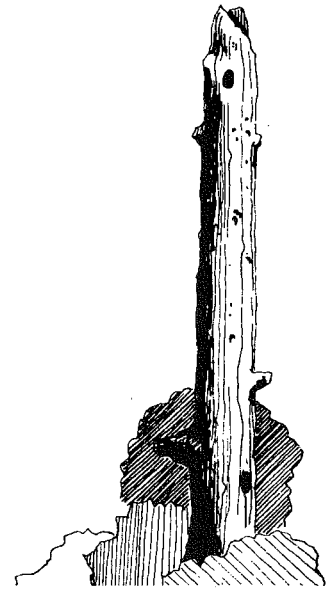
Priscilla Bishop



John Kershaw,  
Guiffre Kilgren

"...to see no more and no less than is actually before you; to be able to detach yourself and see the thing as it actually is, uncolored and unmodified by your own sentiments or prepossessions. In short, to see with your reason as well as your perceptions, that is to be an observer and to read the book of nature aright."

-John Burroughs-



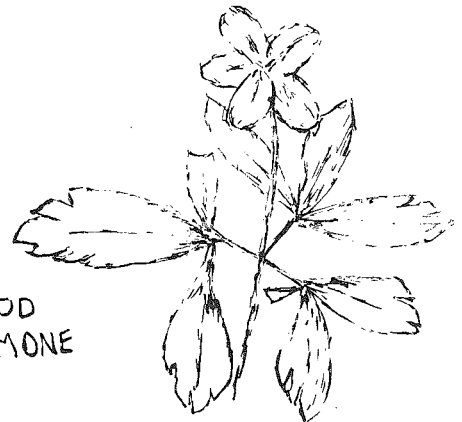
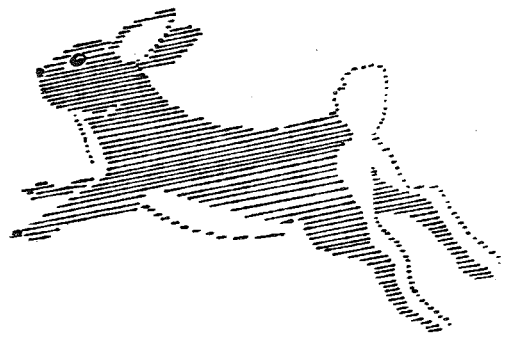




## WHY I AM A FORESTER

Have you ever built a camp-fire at the closing of the day?  
Have you ever sat and watched the embers glowing red,  
With your scanty supper finished and the things all cleared away?  
Have you sat and smoked and thought about your bed;  
Of the bed you left behind you in the dwelling place of men  
In the much o'er furnished room you knew of yore,  
Ere you sought the silent places,  
Where a fellow learns he can  
Do a lot of things he never did before?  
Have you ever spread a blanket down beneath the star-strewn skies?  
Rolled yourself within its cozy folds to sleep  
At the base of mighty mountains  
With their peaks that rise and rise?  
Have you known the age-old silence that they keep?  
Have you seen the red sun climbing up the Eastern slope,  
Then you'll ne'er forget those rugged happy days.  
What! you've never known the glory of the new born day? Then go-  
It's a road that's hard to travel. But it pays.

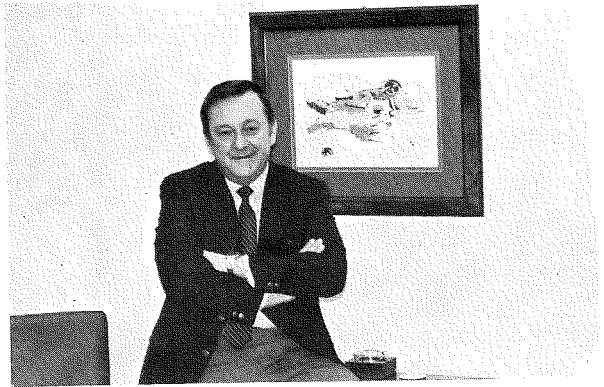
- 1933 PURDUE LOG  
(Author unknown)



WOOD  
ANEMONE



FACULTY & STAFF



MASON CARTER (Department Head)

ORIGINALLY FROM: *Alexandria, Virginia*

MOST INTERESTING PLACE WORKED: *Cascades  
in Oregon*

AREA OF RESEARCH: *Plant & tree physiology*

CHANGES IN FORESTRY: *General public  
awareness of and interest in  
forestry*

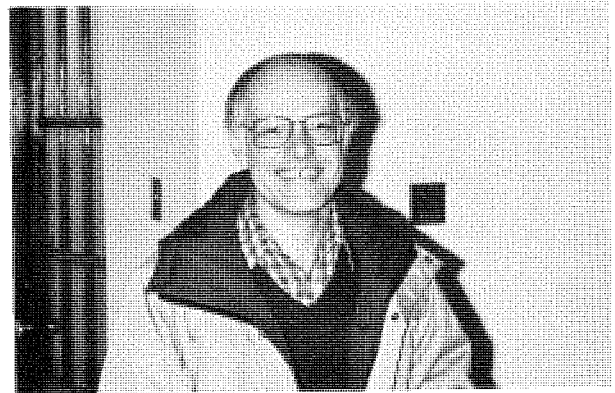
WALTER BEINEKE

ORIGINALLY FROM: *Indianapolis, Indiana*

MOST INTERESTING PLACE WORKED: *Purdue*

AREA OF RESEARCH: *Genetic improvement  
of walnut*

CHANGES IN FORESTRY: *Trend toward more  
intensive forestry-shorter rotation  
-greater emphasis on plantations*



DICK BYRNES (Asst. Department Head)

ORIGINALLY FROM: *Barnesboro, Pennsylvania*

MOST INTERESTING PLACE WORKED: *Any woods...  
especially the Oak-Hickory*

AREA OF RESEARCH: *Forest soils*

CHANGES IN FORESTRY: *greater awareness of the  
total environment*



BILL CHANEY

ORIGINALLY FROM: *Sherman, Texas*

MOST INTERESTING PLACE WORKED: *Wales*

AREA OF RESEARCH: *Physiology of  
mycorrhizae*

CHANGES IN FORESTRY: *Computers in mgmt,  
intensification of timberland  
management*



BURNELL FISCHER

ORIGINALLY FROM: *Hammond, Indiana*  
MOST INTERESTING PLACE WORKED: *Amherst, Massachusetts*  
AREA OF RESEARCH: *silviculture, forest ecology*  
CHANGES IN FORESTRY: *more intensive mgmt*



CLAIR MERRITT

ORIGINALLY FROM: *Detroit, Michigan*  
MOST INTERESTING PLACE WORKED: *Purdue - diverse, freedom to do research, likes to teach*  
AREA OF RESEARCH: *Silviculture - regeneration of oak*  
CHANGES IN FORESTRY: *development and application to forest mgmt*



GEORGE PARKER

ORIGINALLY FROM: *Sands Springs, Oklahoma*  
MOST INTERESTING PLACE WORKED: *Stanly, Idaho-in the Sawtooth Mtns.*  
AREA OF RESEARCH: *forest ecology*  
CHANGES IN FORESTRY: *planning and mgmt. for multiple uses of the forest*



PHIL POPE

ORIGINALLY FROM: *Suffolk, Virginia*  
MOST INTERESTING PLACE WORKED: *Post doctoral student work at U of Florida*  
AREA OF RESEARCH: *Forest soils, hardwood regeneration*  
CHANGES IN FORESTRY: *reduction in site preparation prior to planting seedlings in southern pine plantations*





TOM BEERS

ORIGINALLY FROM: *Pennsylvania*

MOST INTERESTING PLACE WORKED: *Penn State...worked for Dr. Byrnes*

AREA OF RESEARCH: *Forest Measurements and Biometry*

CHANGES IN FORESTRY: *move towards computers*

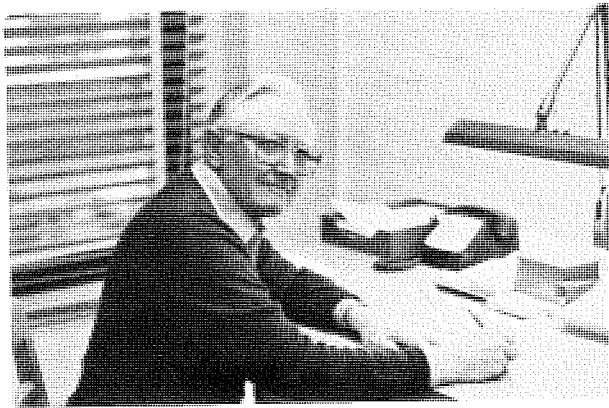
JOHN CALLAHAN

ORIGINALLY FROM: *Grosse Isle, Michigan*

MOST INTERESTING PLACE WORKED: *Purdue - students & natural environment*

AREA OF RESEARCH: *Economic development of forest resources*

CHANGES IN FORESTRY: *realism with respect to mgmt.*



BILL FIX

ORIGINALLY FROM: *Lafayette, Indiana*

MOST INTERESTING PLACE WORKED: *Northern Idaho, with forest service*

AREA OF RESEARCH: *forest mgmt, area research development*

CHANGES IN FORESTRY: *development of equipment, more specialization*

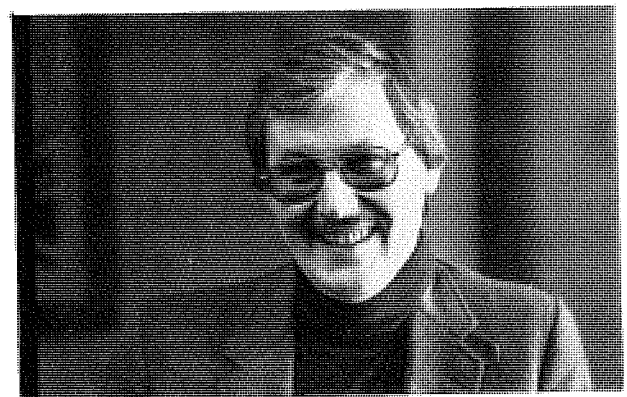
HARRY GIBSON

ORIGINALLY FROM: *Morgantown, West Virginia*

MOST INTERESTING PLACE WORKED: *Brazil*

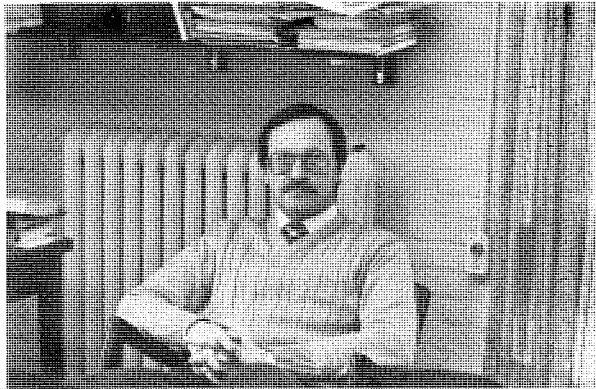
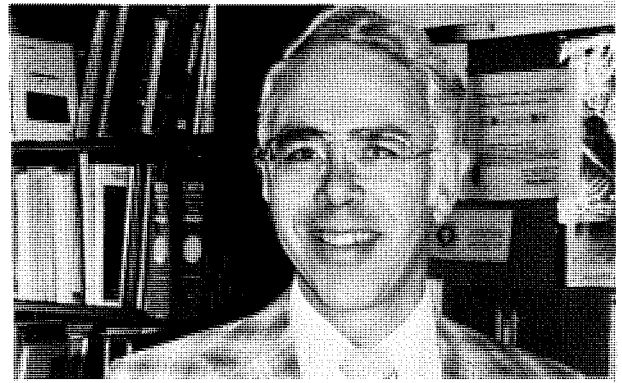
AREA OF RESEARCH: *Biomass harvesting systems*

CHANGES IN FORESTRY: *greater mechanization of harvesting*



ROGER HOFFER

ORIGINALLY FROM: *Rogers City, Michigan*  
MOST INTERESTING PLACE WORKED: *Thailand*  
AREA OF RESEARCH: *Remote sensing of natural resources*  
CHANGES IN FORESTRY: *computerization, acceptance of women into forestry*



HARVEY HOLT

ORIGINALLY FROM: *Muskogee, Oklahoma*  
MOST INTERESTING PLACE WORKED: *Graduate school in Pacific Northwest*  
AREA OF RESEARCH: *Forest weed control and residual soil active & brush control herbicides*  
CHANGES IN FORESTRY: *increased degree of utilization of the wood resource*



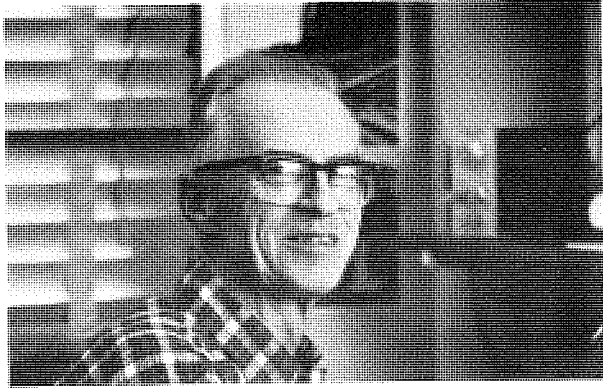
BILL HOOVER

ORIGINALLY FROM: *Clearfield, PA*  
MOST INTERESTING PLACE WORKED: *Washington, D.C.*  
AREA OF RESEARCH: *New wood products and taxation, policies & strategies*  
CHANGES IN FORESTRY: *forestry now pays to grow trees*



JOHN MOSER

ORIGINALLY FROM: *Hagerstown, Maryland*  
MOST INTERESTING PLACE WORKED: *Purdue*  
AREA OF RESEARCH: *Forest biometry*  
CHANGES IN FORESTRY: *development of techniques to aid in decision making for gathering and interpreting data within mgmt systems*



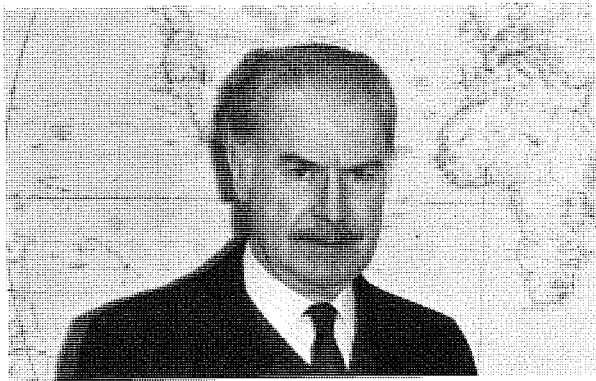
ROBERT PERKINS

ORIGINALLY FROM: *W.Lafayette, Indiana*

MOST INTERESTING PLACE WORKED: *Purdue*

AREA OF RESEARCH: *Timber harvesting, forest engineering*

CHANGES IN FORESTRY: *more professionalism in engineering and mgmt in harvesting*



JAMES YOHO

ORIGINALLY FROM: *Pennsylvania*

MOST INTERESTING PLACE WORKED: *International Paper in N.Y.*

AREA OF RESEARCH: *Industrial*

CHANGES IN FORESTRY: *future emphasis of everyone to run forestry like a business*

DOUG KNUDSON

ORIGINALLY FROM: *Pueblo, Colorado*

MOST INTERESTING PLACE WORKED: *Brazil, helped establish two Forestry schools and two state parks*

AREA OF RESEARCH: *outdoor recreation*

CHANGES IN FORESTRY: *increasing emphasis on mgmt. of our National Recreation Areas*



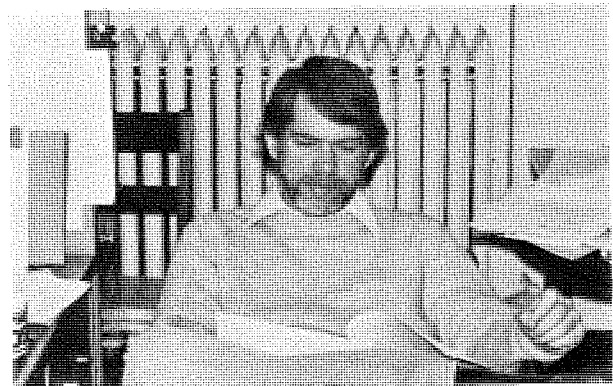
JOE O'LEARY

ORIGINALLY FROM: *Central Islip, N.Y.*

MOST INTERESTING PLACE WORKED: *Alberta, Canada*

AREA OF RESEARCH: *Forest recreation/ natural resource sociology*

CHANGES IN FORESTRY: *more computers, more demands for timber as well as other forest products like recreation, wildlife, etc.*



DOUG ANDERSEN

ORIGINALLY FROM: *Pacific Northwest*

MOST INTERESTING PLACE WORKED: *Worked on Mt. St. Helens*

AREA OF RESEARCH: *Population dynamics of small mammals*

CHANGES IN FORESTRY: *Advent of nongame programs in wildlife & multiple species mgmt.*



HERB KRAUCH

ORIGINALLY FROM: *Indianapolis, Indiana*

MOST INTERESTING PLACE WORKED: *Rubber plantation in Liberia*

AREA OF RESEARCH: *Wildlife management*

CHANGES IN FORESTRY: *increased pressure on hunting & fishing resources with increased demand*



GEORGE LIBEY

ORIGINALLY FROM: *Pleasant Lake, Indiana*

MOST INTERESTING PLACE WORKED: *Purdue*

AREA OF RESEARCH: *Aquaculture - genetically improving catfish*

CHANGES IN FORESTRY: *handling of large data basis with computers*



FRED MONTAGUE

ORIGINALLY FROM: *Lafayette, Indiana*

MOST INTERESTING PLACE WORKED: *Purdue Office of Student Services*

AREA OF RESEARCH: *Predation//Urban wildlife*

CHANGES IN FORESTRY: *emphasis shift to quantitative approach in mgmt*

RUSSELL MUMFORD

ORIGINALLY FROM: *Casey, Illinois*

MOST INTERESTING PLACE WORKED: *Kenya*

AREA OF RESEARCH: *Wildlife ecology  
(mammology/ornithology)*

CHANGES IN FORESTRY: *emphasis on  
quantitative-more computers*



ANNE SPACIE

ORIGINALLY FROM: *Huntington, N.Y.*

MOST INTERESTING PLACE WORKED: *Deep sea  
diving volunteer for human physiologists*

AREA OF RESEARCH: *Effects of water quality  
on fish*

CHANGES IN FORESTRY: *better mgmt of  
chemical pollutants*

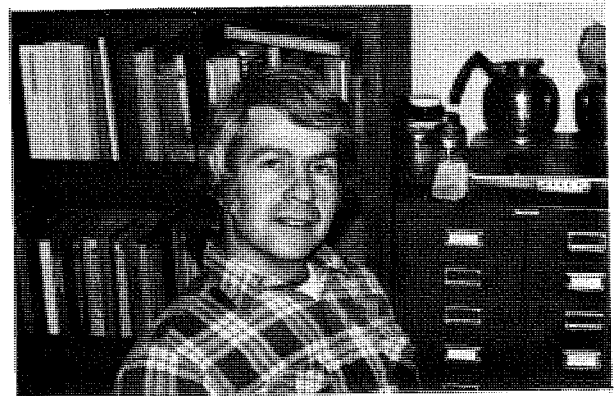
HARMON WEEKS

ORIGINALLY FROM: *Orangeburg, S. Carolina*

MOST INTERESTING PLACE WORKED: *Instructor  
at Yale*

AREA OF RESEARCH: *Wildlife management,  
physiology, and nutrition*

CHANGES IN FORESTRY: *changes in economy  
have effected markets for forest  
products*



DANIEL CASSENS

ORIGINALLY FROM: *Dixon, Illinois*

MOST INTERESTING PLACE WORKED: *Berkley, CA*

AREA OF RESEARCH: *Hardwood utilization  
and wood processing problems*

CHANGES IN FORESTRY: *reintrenchment of  
the Forest Service*





CARL ECKELMAN

ORIGINALLY FROM: *Columbus, Indiana*

MOST INTERESTING PLACE WORKED: *Purdue*

AREA OF RESEARCH: *Wood products, furniture*

CHANGES IN FORESTRY: *increased value in "waste wood" products*

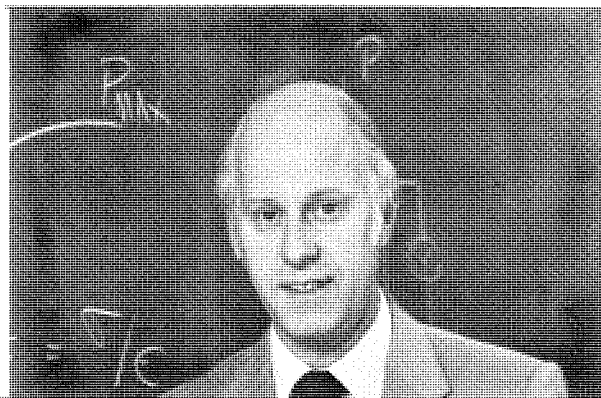
MIKE HUNT

ORIGINALLY FROM: *Louisville, Kentucky*

MOST INTERESTING PLACE WORKED: *Duram, N.C. or Lexington, KY.*

AREA OF RESEARCH: *Structural applications of wood base composites*

CHANGES IN FORESTRY: *increased importance of reconstituted wood products*



JOHN SENFT

ORIGINALLY FROM: *York, Pennsylvania*

MOST INTERESTING PLACE WORKED: *Penn State U. - geography*

AREA OF RESEARCH: *Wood science*

CHANGES IN FORESTRY: *more technical and advanced knowledge in uses of wood products*

STANLEY SUDDARTH

ORIGINALLY FROM: *Westerly, Rhode Island*

MOST INTERESTING PLACE WORKED: *Pacific Northwest with Forest Service*

AREA OF RESEARCH: *Wood construction engineering*

CHANGES IN FORESTRY: *public acceptance of forestry as a profession*





Larry Holderly  
Surveying



Bill McFee  
Forest Soils

SAY HELLO TO KEVIN GREEN!!

Kevin, who replaced Sue Shirk as Academic Business Administrator in December, graduated from Purdue in May of 1982 in Management/Labor Relations. Before college Kevin was in the Army, and stationed in Hawaii for three years. He enjoys traveling and is an avid runner with sights on the Boston Marathon.

Welcome to the department, Kevin!



Kevin Green



Sara Bass



Mel Boes



Barbara Brown



Lu Cole



Norma Garriott



Linda Hampton



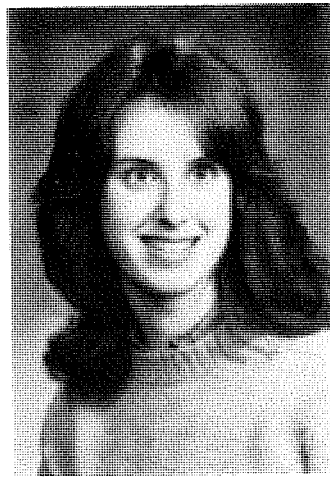
Joyce Hiday







Patty Karneham



Terry Knight



Louisa Lasher



Marion Peterson



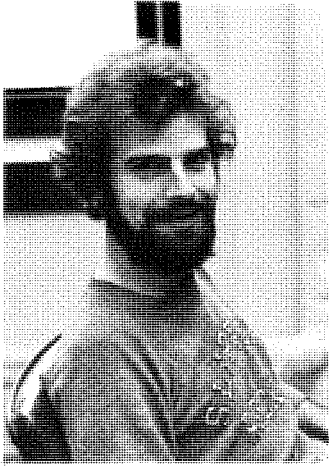
Oleta Swarm



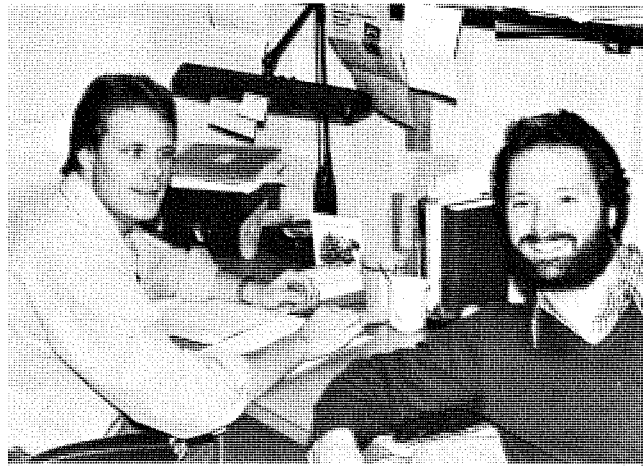
Elaine Brown



Vern Sherry



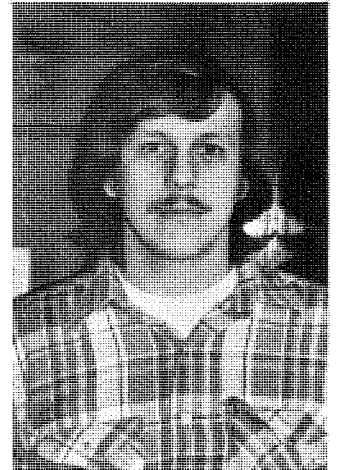
Mark L. Betterman  
Forest Biometrics



Christian P. Andersen    Don J. Leopold  
Forest Biology            Forest Ecology



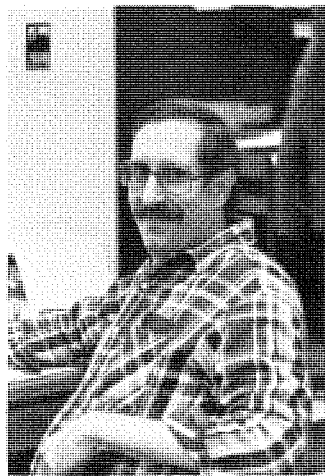
Eduardo Borges            Rita Borges  
Forest Ecology            Tree Physiology



Virgil W. Brack  
Biology



Ted P. Cable  
Forest Recreation



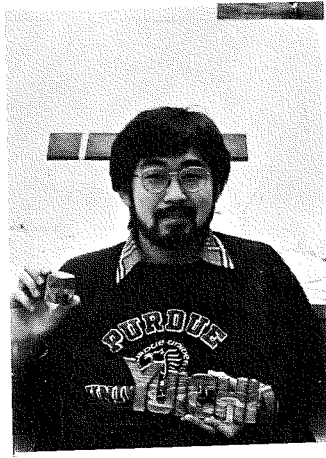
Craig J. Davis  
Economics



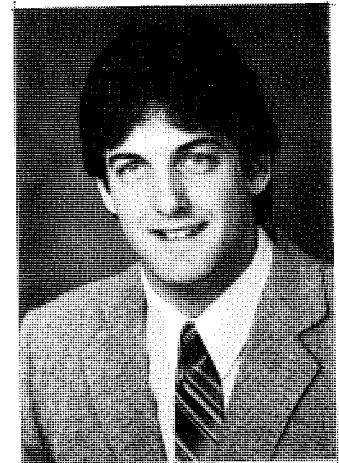
David D. Douds  
Plant Physiology



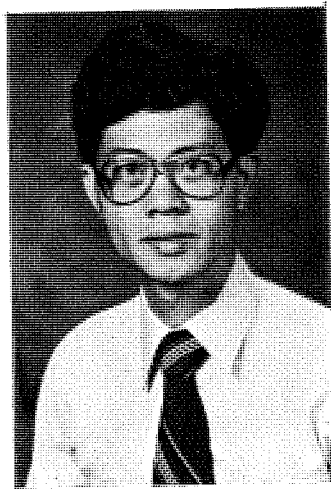
Steve D. Ford  
Wildlife



Yuichi Hayashi  
Wood Engineering



Robert C. Lattanzi  
Structural Composites



Shih-Chao Lin  
Furniture Design

" I pledge allegiance to the production function,  
and the equation for which it stands,  
One input, under constraint,  
with output and profits for all."

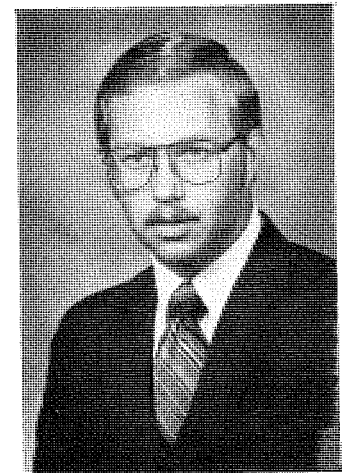
- J. Callahan



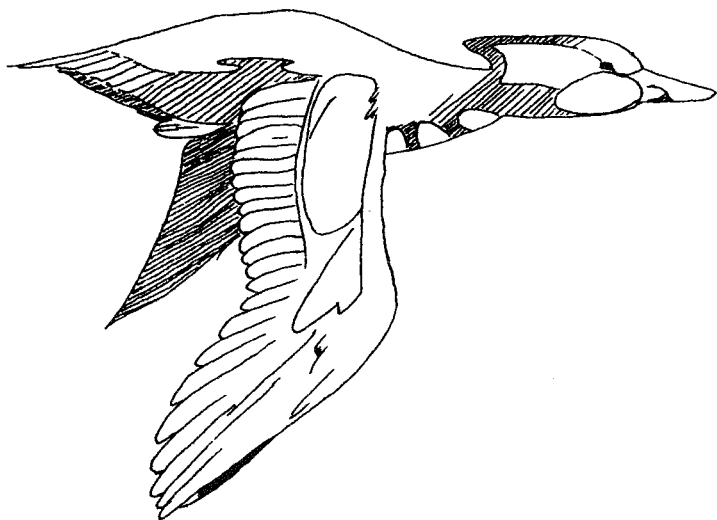
Bob McGaughey  
Forest Engineering



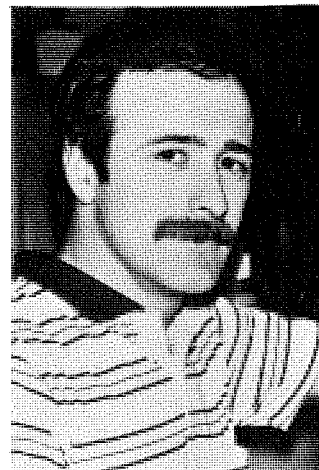
Rich A. McLaughlin  
Forest Soils



Gary E. Miller  
Aquaculture Systems Design



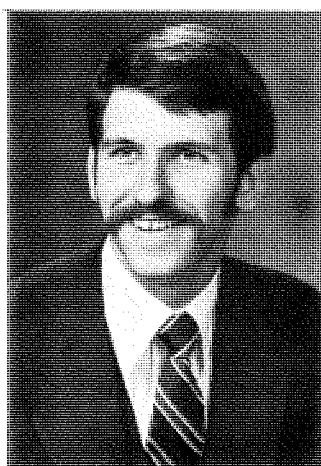
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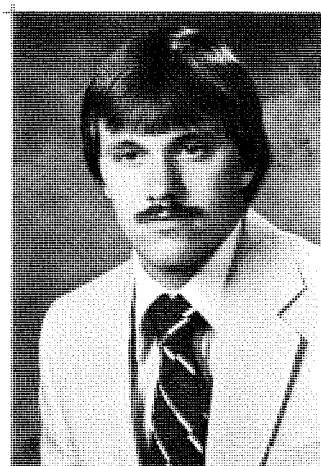
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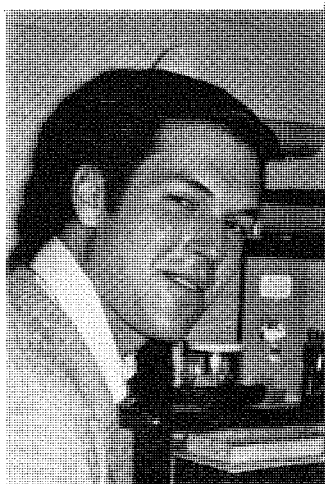
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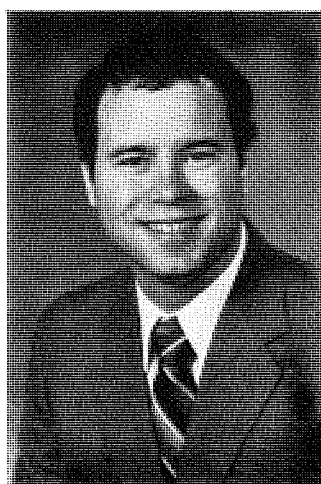
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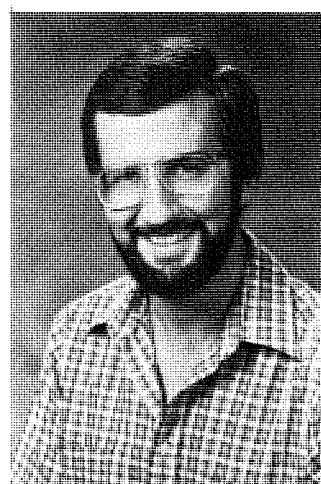
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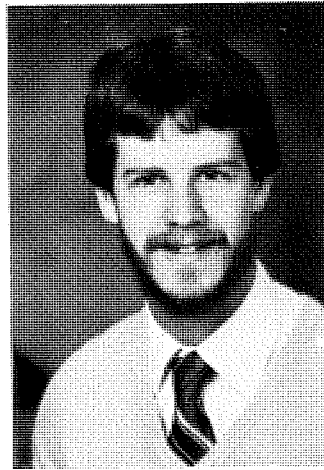
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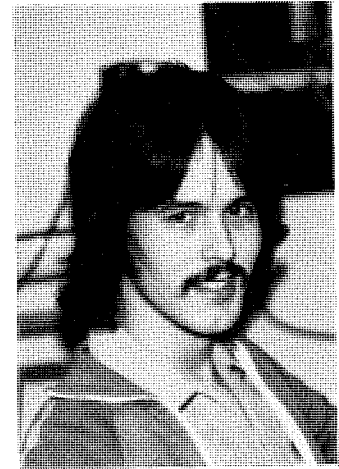
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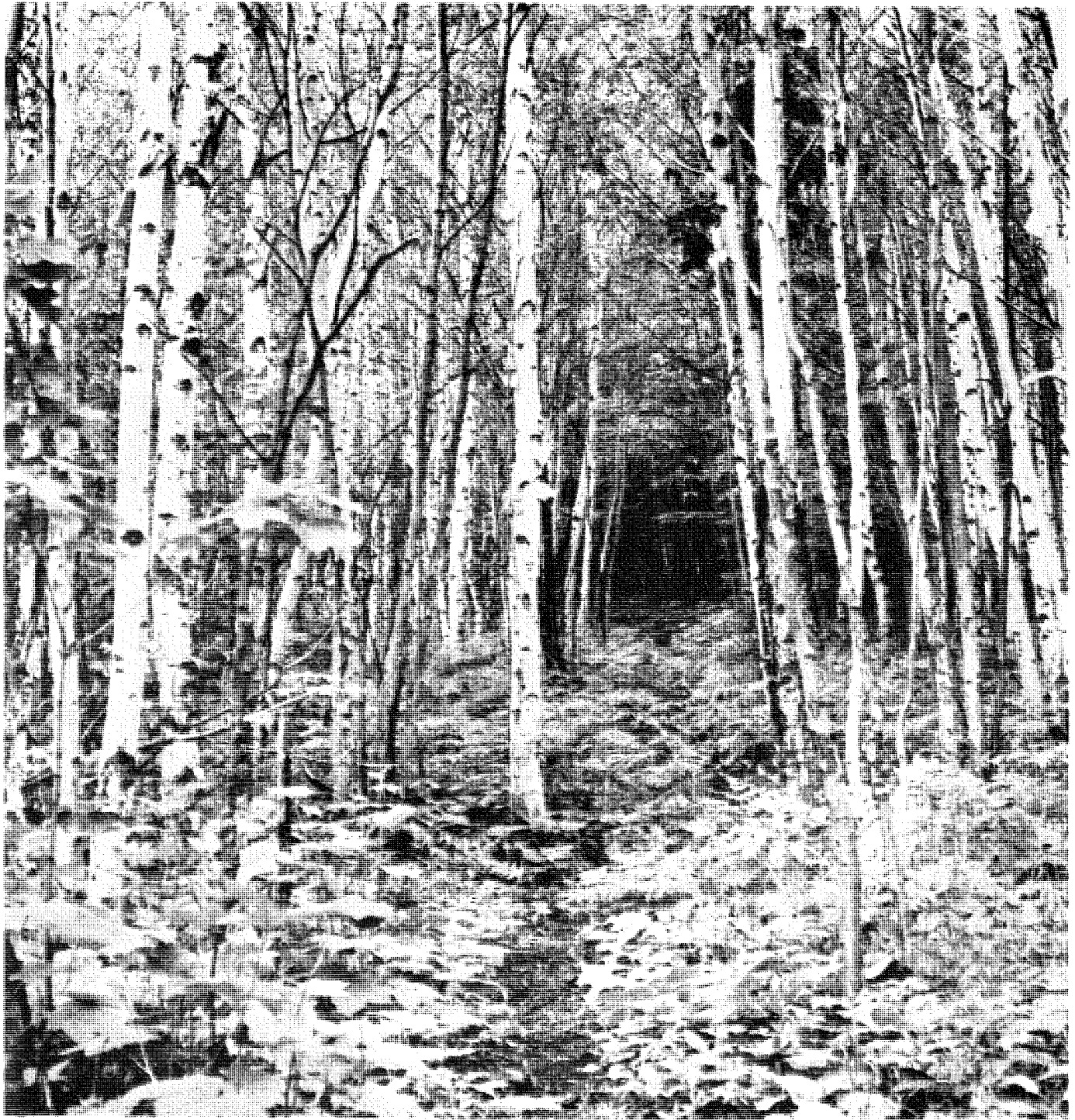
Jeff J. Welty  
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And this, our life, exempt from  
public haunt, finds tongues in  
trees, books in running brooks,  
sermons in stones and good in  
everything.

-Shakespeare



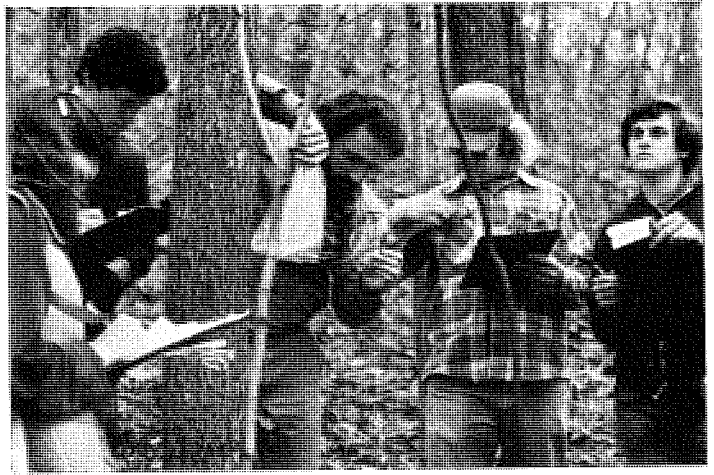


You glance up these paths, closely embraced  
by bent trees, as through the side aisles of  
a cathedral, and expect to hear a choir  
chanting from their depths.

Henry David Thoreau



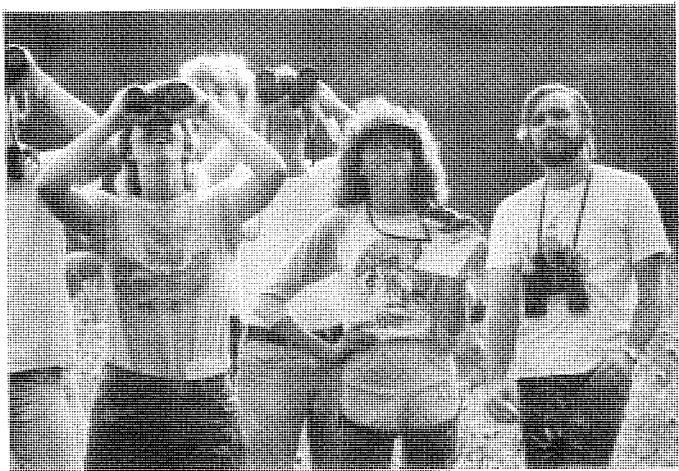
"Is China really down here?"



"I think it's a rock elm."



Would you trust this bunch with your trees?



"What do you mean, the bird looks like a black speck to you?!"

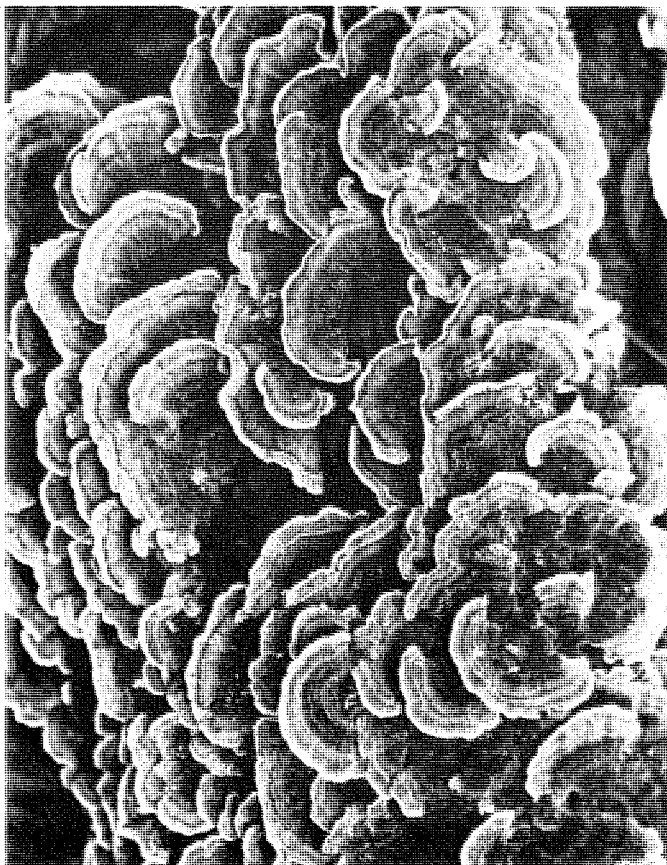


"Are you serious? You know all that just from the wing?"



"Yes, that one is the next quiz tree!"

Wisdom is a tree of life to those who eat her fruit; happy is the man who keeps on eating it.  
Proverbs 3:18



Something will have gone out of us as a people if we ever let the remaining wilderness be destroyed; if we permit the last virgin forests to be turned into comic books and plastic cigarette cases; if we drive the few remaining members of the wild species into zoos or to extinction; if we pollute the last clean air and dirty the last clean streams and push our paved roads through the last of the silence, so that never again will Americans be free in their own country from the noise, the exhausts, the stinks of human and automotive wastes, and so that never again can we have the chance to see ourselves single, separate, vertical and individual in the world, part of the environment of trees and rocks and soil, brother to the other animals, part of the natural world and competent to belong in it.

--Wallace Stegner







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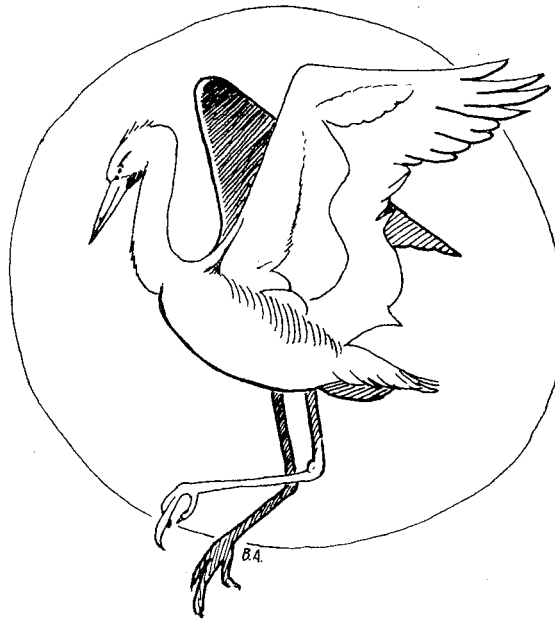
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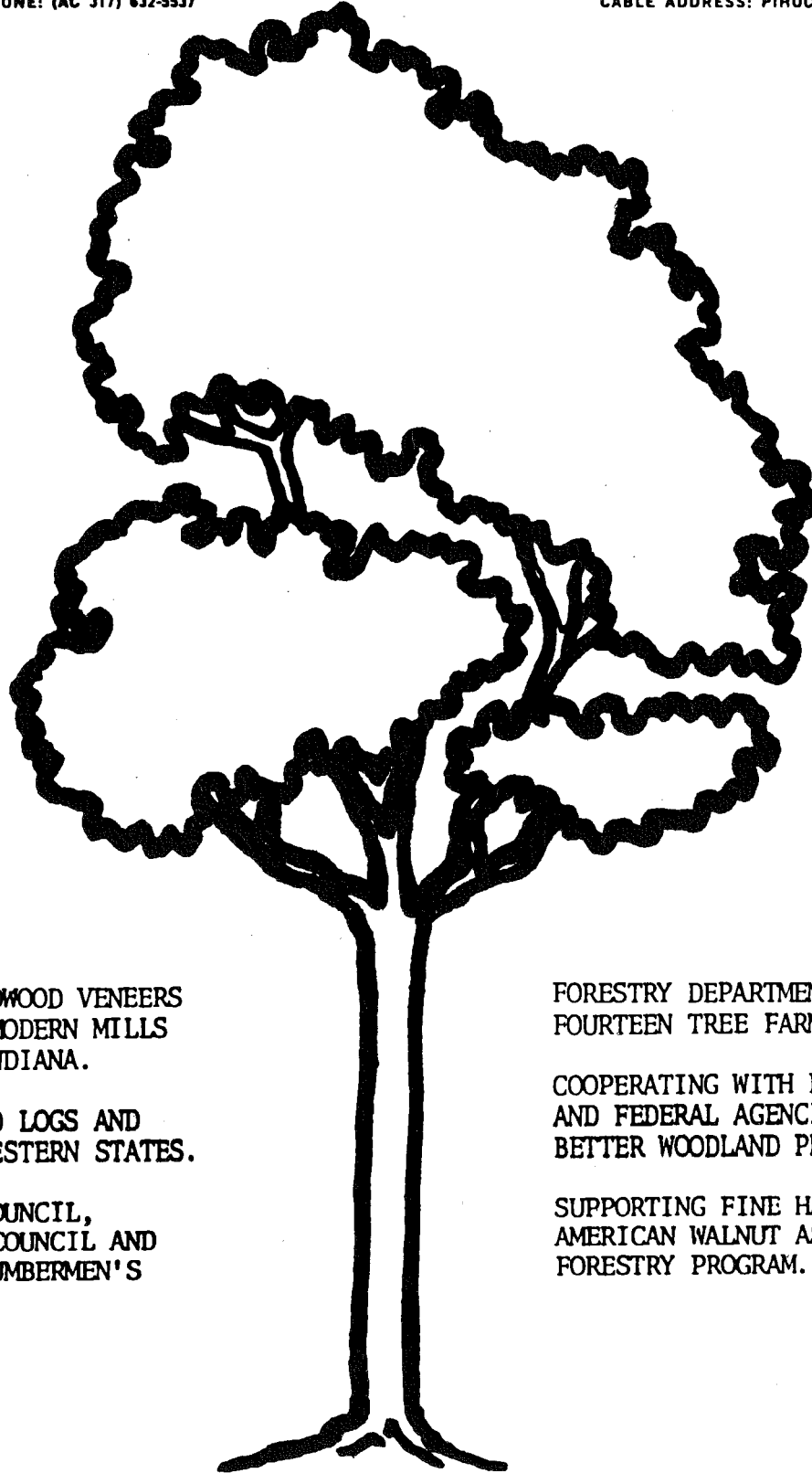
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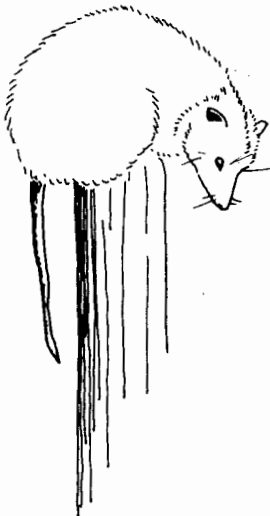
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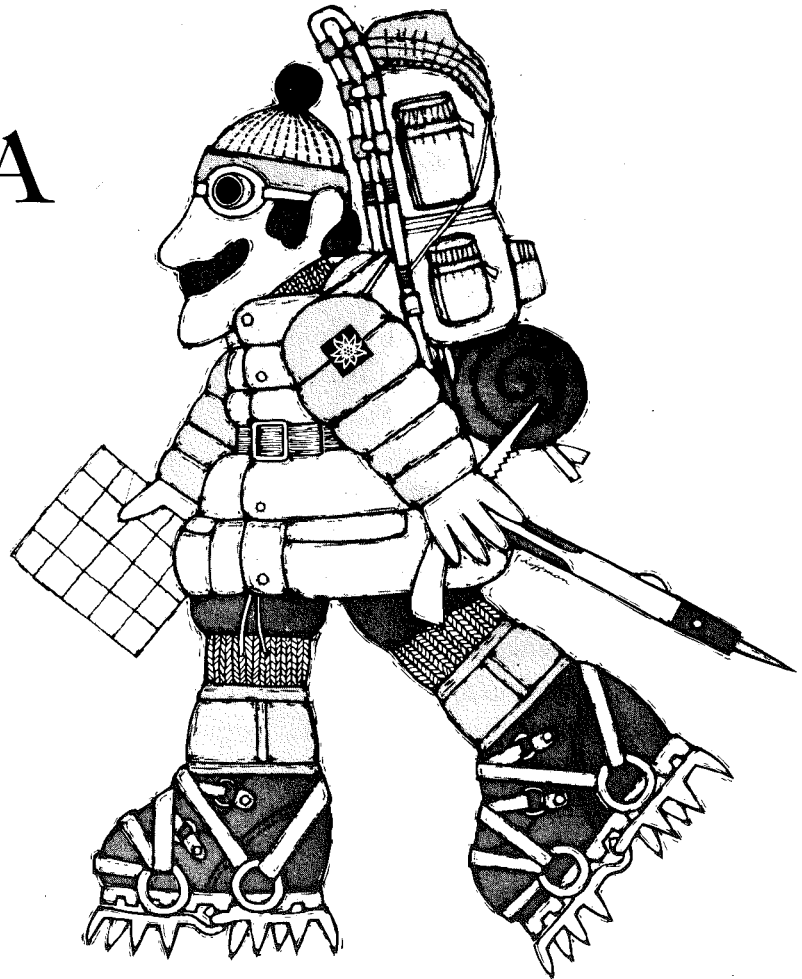
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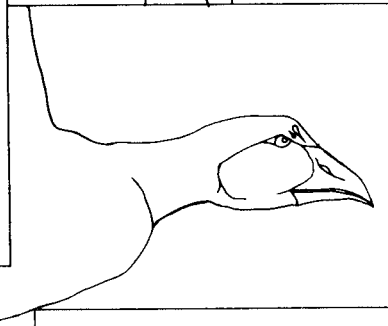
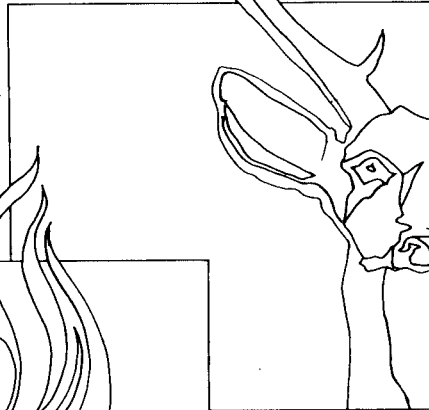
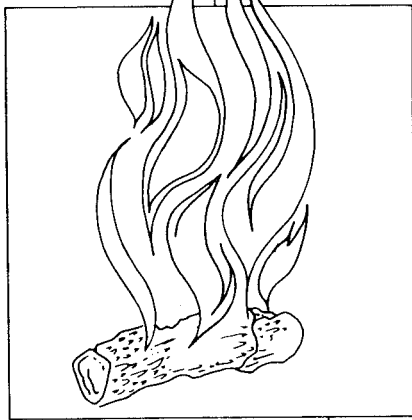
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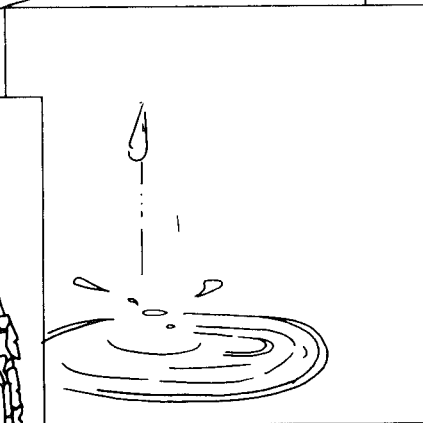
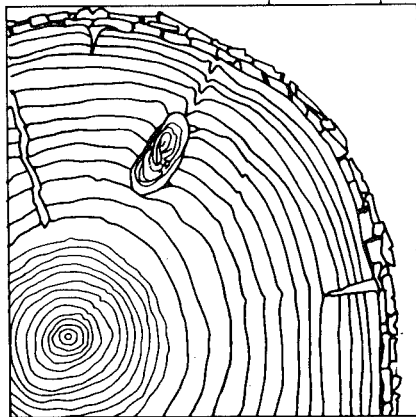


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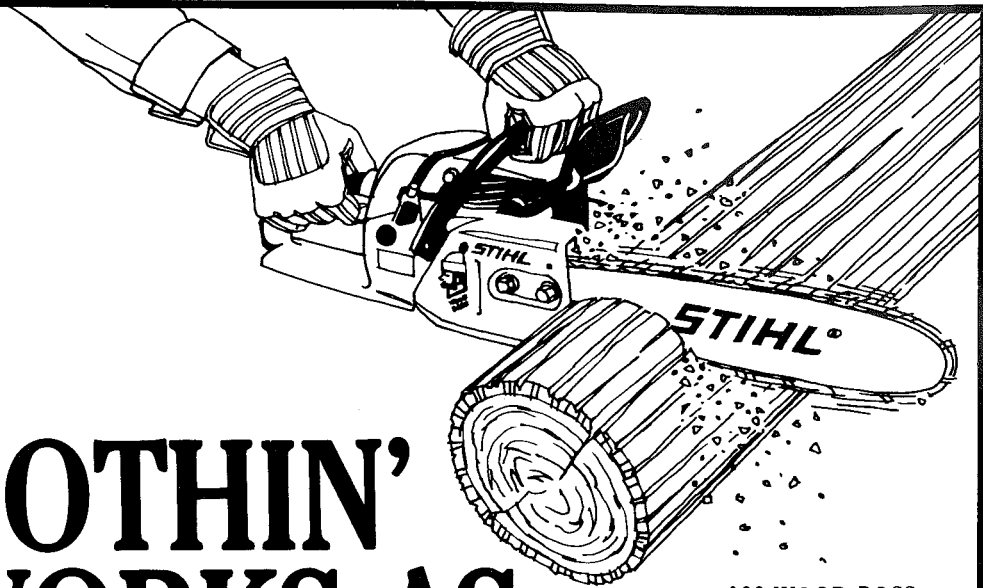
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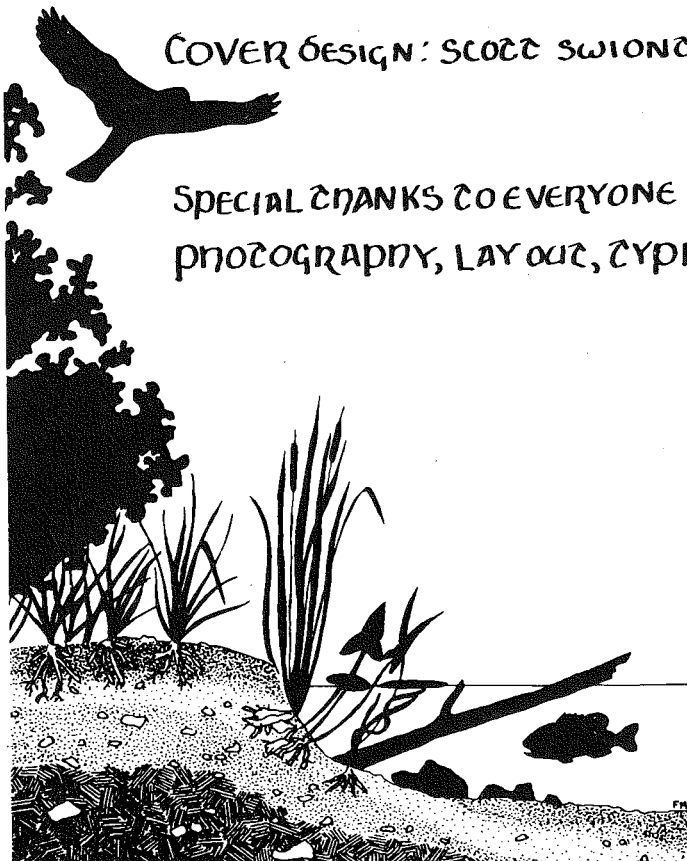
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