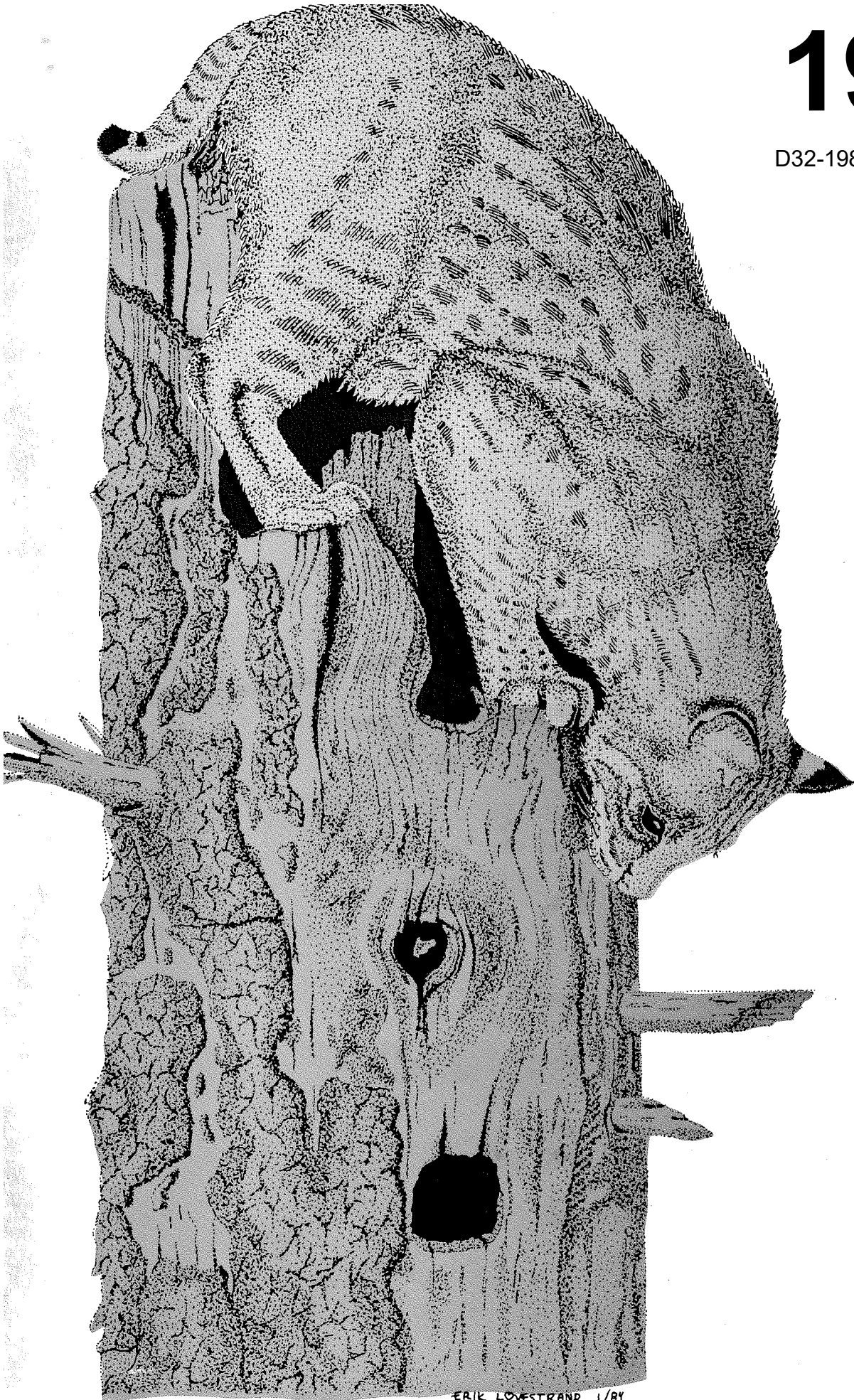


# 1984

D32-1984



# PURDUE LOG

ERIK LOVSTRAND 1/84

## From Us To You ...

One of the greatest challenges to one's professionalism is to have his work reviewed and critiqued by his peers. It is, at the same time, a rewarding experience, albeit undoubtedly laced with precarious pitfalls. With this in mind, and in anticipation of a few "Why didn't you's...", and in hopes of a few "Great job's!", we, the staff of the 1984 Purdue Log, present our effort to you. It is, to be sure, something less than we could have done. We think, not yet in analog fashion however, that there are perhaps a few bright spots of innovation, and yes perhaps even a thought that no one has thought before. This notion, of course, **will** be tested by you within these pages of matted pulp fibers married to the blood of centuries of Gutenberg's apprentices.

The attempt to name all involved in the compilation of this unpretentious organ in such limited space would be ludicrous. Their faces and names are within. We have, however, named below those who burnt the midnight oil (even before exams) in an effort **toward** creativity, and who placed diligence above complacency in the mundane matters of fabrication.

We submit, then, for your approval the contents **within**. It is now up to you. Thanks to those who have helped us in our quest. You **know who you are!**

Paul T. Sherwood, Editor  
The 1984 Purdue Log



## THE LOG STAFF

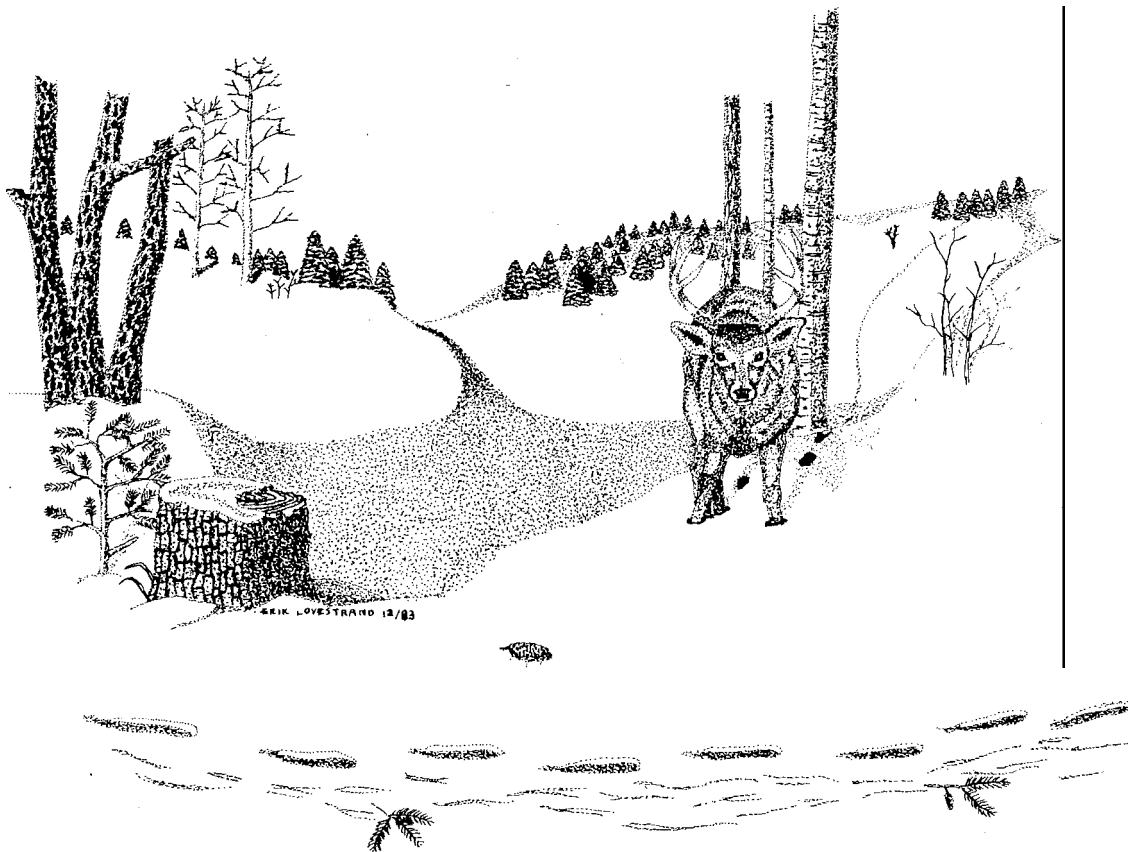
Front L to R: Jeff Dillon, Dave Apsley, Paul Sherwood, Sherry Gwin,  
Steve Goodwin, Tony Grossman

Back L to R: Steve Ebbert, Chris Kokojan, Jim Bateman, Walt Chomentowski,  
Bill Lambert, Derek Vannice, Duane Robinson

We **wish** to thank the U.S. Fish & Wildlife Service  
for several photos.

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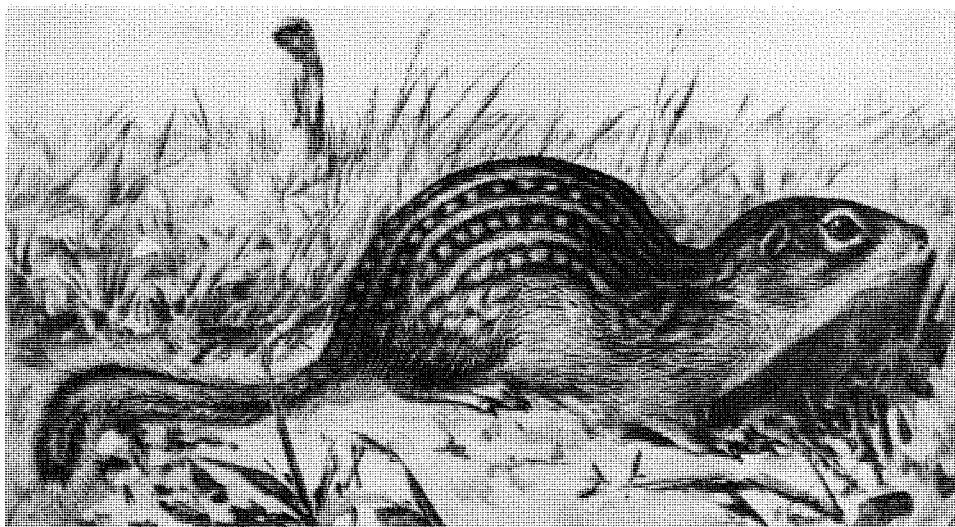
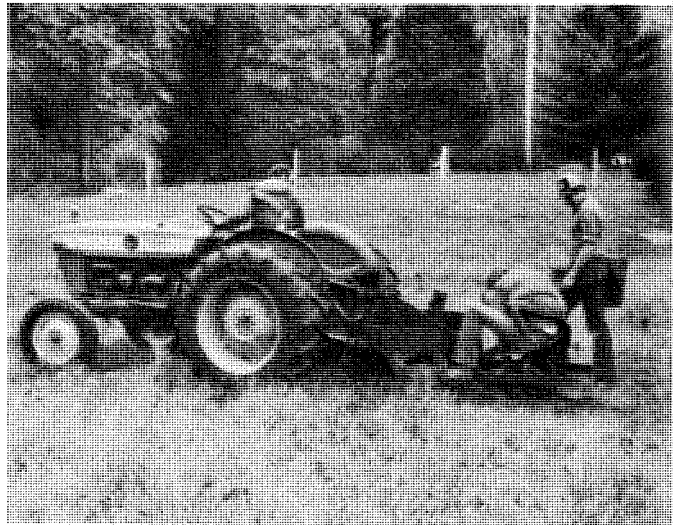


# PURDUE

# LOG

1983-1984





# Letter To The Alumni

Dear Alumni:

Several years have passed since last I reported to you through the LOG. Many changes have occurred.

A most significant change in enrollment occurred during the past few years. Between 1973 and 1978, undergraduate enrollment increased nearly threefold from 250 to 690. Since then, enrollment has been declining. Last fall we were down to 190. Such abrupt changes play havoc with planning and management of the academic program. Fortunately, we made few changes during the period of rapid growth that could not be reversed as enrollments fell. Instead of hiring new teaching faculty, we employed graduate instructors. These positions have now been eliminated.

We outgrew Lost Lake Camp and moved to Branchville, IN in 1976. We had 105 students in camp that year. By 1982, we were down to 35 students and could no longer afford to maintain the large facility at Branchville. After our departure, Lost Lake Camp was used by the Forest Service for a Youth Conservation Corps program which terminated about the same time we began looking for someplace smaller than Branchville. We returned to Lost Lake in 1982. This left us with Branchville. But the Governor's Office learned of the Perry County facility and suggested that it could be useful to the Department of Corrections. We were able to negotiate a transfer of the Branchville property to Corrections which benefited both of us.

Decreased enrollments in forestry and wildlife are not unique to Purdue. Nearly every program in the country is experiencing a decline; many greater than ours. One of the oldest and most respected schools, the University of Michigan, has announced that it plans to phase out the undergraduate forestry program. Others may follow.



At Purdue, we plan to take advantage of our smaller numbers to improve the quality and uniqueness of our program. Using funds from the sale of Branchville, gifts from alumni and friends, and a generous gift from Intergraph Corporation, we are developing a computer laboratory second to none. In March, we installed an Intergraph Corporation computer graphics system. Hardware includes a DEC 11/750 Vax minicomputer, an Interact dual screen color graphics workstation, and a HP 8-pin graphics plotter. The system will house Intergraph's data-base management, graphics, and polygon overlay software. We plan to add image processing software developed by Purdue's Laboratory for Applications of Remote Sensing (LARS) and interface the system with the CYBER 205 supercomputer. The system will be located in Rm. 205-206 of the Forestry Building and will permit us to teach and conduct research in geo-referenced information systems and resource management decision making.

In Rm. 204, we plan to install a series of microcomputers for use in undergraduate and graduate classes. We also hope to equip most of the faculty with personal computers. Our goal is to be the leading academic center of computer applications in forestry and related natural resources.

we have made several changes in our curricula and more are planned. One major change will be to return to the sophomore camp. The junior camp which we adopted in 1975, has a number of advantages but one big disadvantage. It restricts summer employment during the period between the junior and senior years. Summer employment is very important in aiding students with permanent employment. Thus, the faculty voted to return to a sophomore camp in 1986.

Three faculty have retired since my last report. Professor **Kirkpatrick** retired in 1981 and Dr. Doug Anderson was hired in Kirk's position. Doug received his Ph.D. from Utah State. Charlie Miller retired in 1982 and Bob Perkins in 1983. Last fall, we hired two replacements. Dr. **W. L. Mills** earned his Ph.D. from Purdue and spent three years at Auburn University. Dr. Tom Reisinger **obtained his Ph.D. from VPI. He had experience in log procurement and sawmill management before entering graduate school.**

Our program in urban forestry has been strengthened by the assignment of Professor Harvey Holt to teaching and counseling for this option. Professor Holt attended a **two-week** training session in Ohio last summer learning the latest techniques in arboriculture. He developed two new courses and has made a number of important contacts with potential employers. We haven't had many graduates in this option but job opportunities have been excellent and starting salaries have been quite good.

Employment for forest products majors has also been reasonably good but the other options continue to have difficulty in spite of lower enrollments. The forest products industry is lagging behind most other sectors of the economy and is not hiring many new foresters. The Forest Service and other federal agencies continue to experience hiring limits. Our best source of employment has been smaller forest

products companies, utilities, and other agencies in the urban forestry area, state and local governments. We need your help in placing our students in summer jobs and permanent employment. I urge you to contact me or Sara Bass in our Office of Student Services (317/494-3630) if you have information that could help our students find employment.

Our research and extension programs are making major contributions. We have four National Science Foundation grants in the department. The faculty have patented nine black walnut clones, a method to produce triploid catfish, and an oriented strand board made from red oak. Faculty and graduate students are conducting research throughout Indiana, in Ontario, Canada, Mt. St. Helens, Wash®, northern Wisconsin, and the Dominican Republic. The **work** in the Dominican Republic is part of a major grant from the U.S. Agency for International Development. We are to assist in developing nursery and planting techniques to establish fuelwood plantations. Professor Doug Knudson is on a two-year assignment as project leader. He and Judy live in Santiago.

Our plans to build an all-wood addition to the Forest Products Building have not progressed as well as we had hoped. We are only about half way to our goal in our fund drive. All additional contributions will be very welcome.

I want to take this opportunity to personally thank those of you who continue to support the **F&NR** Alumni and to contribute to the development of the department.

**Mason C. Carter**

# ACTIVITIES



"You. have driven away our game and our means of livelihood out of the country, until now we have nothing left that is valuable except the hills that you ask us to give up ... The earth is full of minerals of all kinds, and on the earth the ground is covered with forests of heavy pine, and we give these up to the Great Father we know that we give up the last thing that is valuable either to us or the white people."  
-WanigiSk.a (White Ghost)-





# SCSAF

by

Lenny Farlee

The Purdue Student Chapter of the Society of American Foresters started the 1983-1984 school years with a callout featuring a hotdog roast and volleyball. Many old members were present and several new members joined the club.

Through the first semester the SCSAF heard several interesting and informative lectures from individuals involved in various facets of professional forestry. Forest entomology, mine reclamation, powerline right-of-way management, and tropical forestry were some of the topics presented.

The highlight of the first semester was the Midwest Forestry Conclave at the University of Illinois on October 22. Despite rain and cool weather about 25

Purdue students attended and competed with twelve other forestry schools. When the final contest was completed and the scores tallied the Boilennaker Foresters had taken second place overall. Dendrology, compass traverse, and tobacco spitting were strong events for the Purdue team, but the fourth place finish in the special event, a sort of forestry skills relay race, clinched the victory.

The SCSAF came under new faculty leadership when Drs. Roger Hoffer and Harvey Holt volunteered to serve as faculty advisors. The student membership has been very pleased to have these distinguished professionals as a source of leadership and new ideas.

Student leaders have also been active in organizing meetings, lectures, and activities. Officers this semester are chairman Dave Apsley, vice-chairman Walt Chomentowsk 1, secretary 8111 Lambert, treasurer David George.

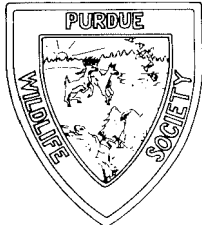


Front row: Derek Vannice, Jim Willaert, Mike Carver, John Skinner, Jim Bateman, Scott Manieson, Dave Apsley, David Goerge; 2nd row: Bill Lambert, Pete Smallage, Tom Crowe, Kelsie Harmon, Bill Hodge, John Kershaw, Lenny Farlee, Mike Quinlin, Jack Davis, Jeff Mason; 3rd row: Jeff Dillon, Walter Chomentowski

# PURDUE WILDLIFE SOCIETY

by

Steven Ebbert



The Purdue Wildlife Society is a student chapter of an international professional organization called The Wildlife Society. The primary functions of the Society are to instill the need for careful **stewardship** of our wildlife resources and to encourage a professional attitude among students. The club projects provide an avenue for students concerned with wildlife conservation to pursue activities commensurate with their interests. These projects also present the members opportunities to develop their leadership skills.

The bimonthly meetings feature guest speakers who talk about current wildlife related activities and concerns; These professional contacts are invaluable to students seeking wildlife careers by supplying insights that cannot be gained in a classroom situation. Usually the style and subject of these talks is on a level that appeals to students from a wide variety of majors.

Special projects of the Wildlife Society generally focus on variations of five themes: wildlife inventory, habitat improvement, education, fund raising, and social events.

Wildlife inventory projects are often performed in cooperation with employees of Indiana's Division of Fish and Wildlife. The professional biologist's expertise is combined with the student volunteer's enthusiasm to result in an intensive survey that is very valuable to sound wildlife management and research. Because of the manpower needed in inventories, these projects often wouldn't be performed without student support.

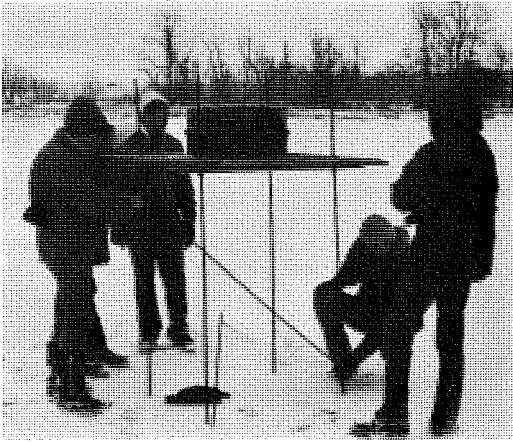
As an example, The Purdue Wildlife Society organizes sign-ups and transportation to assist state biologists at deer hunter check-in stations. Sometimes over two hundred deer may be processed through a check station in one day. Club members help determine the age and sex of each deer and tabulate other information about the animal. At Crane Naval Ammunition Depot ticks, blood, rumen, and the ovaries and adrenal glands are collected from deer to provide important management data. The check station field trips are long, physically taxing affairs, but after a night's rest everyone agrees that they are a lot of fun.



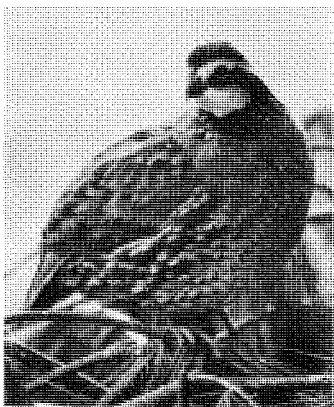
Front row: Jeff Dillon, Melanie Falman, Steve Ebbert, Toni Rogers, Kathy Stonebraker, Jackie, Teachnor; 2nd row: Lenny Farlee, Andy Sipocz, Chris Kokojan, Dan Driscoll, Dennis Gordon, Matt Holman, Suzanne Grasser; 3rd row: Paul Sherwood, Brenda Sherwood, Kim Clay, Ann Barger, Anthony Douglas, Tim Graham, Dave Brown; 4th row: Sherry Gwin, Jim Bergan, Sandra Goltz, Ed Shirley, Phil Riley, Lora Giroud, Jeff Mason; 5th row: Cheryl Spenner, Dave George, Dan Sparks, Advisor: Dr. Doug Andersen, Steve Siscoe; 6th row: Clark McCreedy

Spring Semester "84" Officers:  
 Steve Siscoe - President  
 Sherry Gwin - Vice President  
 Toni Rogers - Sec/Treas.

Fall Semester '83 Officers:  
 Paul Sherwood - President  
 Jim Bergan - Vice President  
 Toni Rogers - Sec/Treas.



One of the functions of the Society is to preserve and enhance wildlife habitat on Purdue properties. Much work has been done at the Purdue Wildlife Area to increase the attractiveness of the marsh to migratory waterfowl. Barn owls were once common rural residents in Indiana, but their numbers have declined due to lack of cavities for nesting. The raptor committee constructed barn owl boxes to be placed on private property and maintained to encourage barn owl nesting.

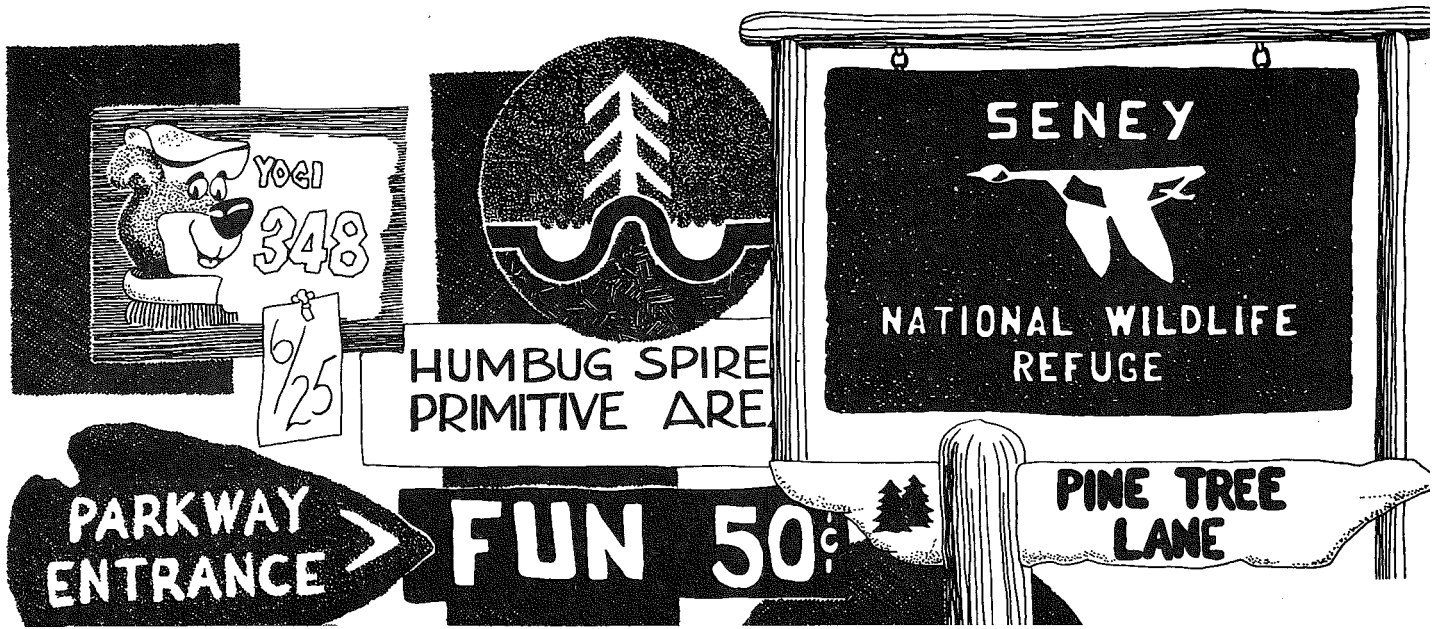


One of the best ways to increase public awareness to wildlife causes is to provide information. In this spirit, several slide show sets have been developed by club members designed to educate high school and grade school children about common wildlife species. These shows are presented by members at local schools and have become very popular with both teachers and students,

No club is complete without regular social events for members to anticipate. After the meetings the guest speaker is often escorted to a local establishment where topics may be thoughtfully explored more casually. This year we tried a special bonfire party at Martell Forest, and it was quite successful. It could become an annual event. The game roast, a feast of wild foods prepared by faculty and students, is looked forward to each spring. Club members often gather themselves informally to participate in field trips, conclaves, camping trips and parties.

The Purdue Wildlife Society is certain to expand its scope of activities as its membership grows and diversifies.





## PRPA

by

Jeff Dillon and John Kershaw

In an attempt to serve the students of Forestry, Natural Resources, and Recreation Studies, the Purdue Recreation and Parks Association has redefined its goals this past year. After talking with faculty and students, PRPA has decided to take a new direction. This new effort will give students chances to program, plan, implement, and evaluate as well as gain valuable experience in their study area, and an insight to the skills professionals are looking for.

During the fall semester, the club was active in developing environmental education opportunities for several elementary schools and scout groups. Undergraduate and graduate students participated in leading hikes through Stewart's Woods and Westwood Trails. For those who had never before had the opportunity to work **with** younger children in this "outdoor classroom," the questions, smiles and crayon thank you notes represented a big paycheck.

Additional meetings in the spring semester will concentrate on further development of an outdoor education program. Seminars, clinics, and field training programs are planned. In addition, other seminars that feature persons in professional practice are being organized to enhance the learning experience of all the students interested in recreation.

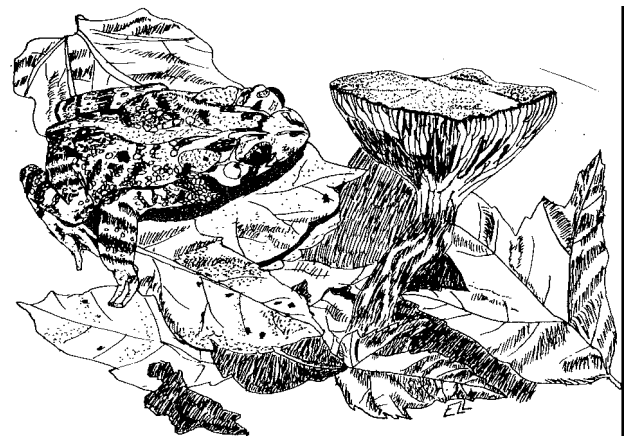
### *America*

*The forest once loomed across the Land  
Green and growing in tall stands  
As far as the eye can see  
There would always be a tree*

*Then man came and cut them down  
One by one all around  
But their beauty, this did not restrain  
Man believed they would always remain*

*Slowly at first and then with a rush  
All the mighty trees were turned to dust  
Man could look as far as he could see  
And there would not be a single tree*

*-Dennis Waggoner*



# FPRS

by

Jim Bateman

The Forest Products Research Society is a professional organization that communicates various research developments dealing with wood products to forest industries through technical applications. Thus, by having a better understanding of wood products and their potential uses, industry can provide people with superior goods and services. From the small woodworker to the large pulp and paper operations, the FPRS represents a source of technical information.

The student chapter of FPRS at Purdue provides students a way to become familiar with wood products and how to market them. Specifically, the major activity of the club is buying walnut and cherry lumber from different suppliers, drying the lumber and selling it to local hobbyists or anyone interested in purchasing some quality dried lumber. The funds collected from the sale of this lumber go toward sponsoring the annual pig roast and picnic held in the spring.

The FPRS at Purdue is the major club for persons in the Forest Products option. The club activities prepare the students for a career in the Forest Products field. Some opportunities open to persons graduating in Forest Products include lumber grading, timber procurement (log buying), production management, and product sales to name a few. The Forest Products option provides a forester with an array of opportunities in forest industry, as well as, in forest management.

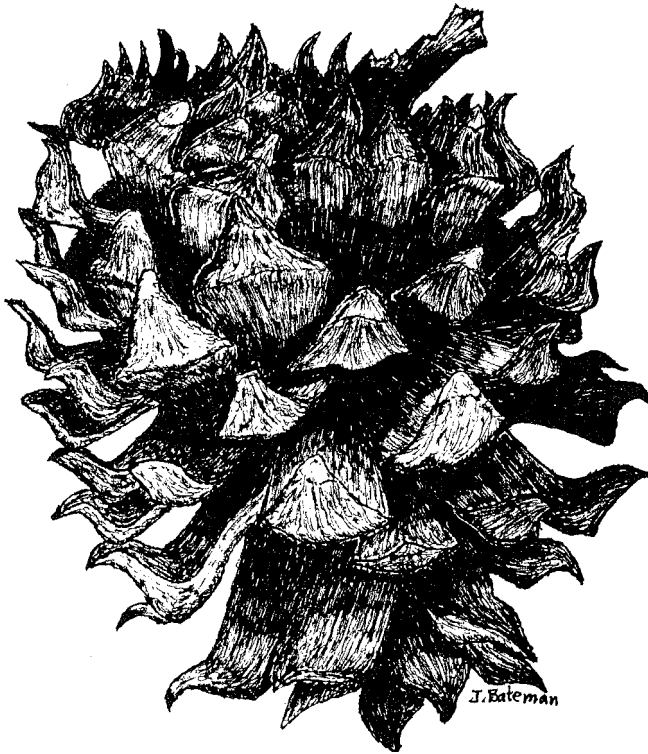


Front Row CL-Rl: Karen Ruder, Jeanne Young, Mike Quinlan, Wally Dant  
Back Row CL-Rl: Jim Bateman, Trey Clark, Alan Ross, Dr. John Senft.



# FORESTRY

# COUNCIL



## FORESTRY COUNCIL

The Forestry Council helps coordinate activities and communication between the faculty and students. The Bluegrass Dance is sponsored each year as is the Forestry Awards Banquet. The council also helps generate ideas that may in some way help the department better meet the needs of the students. To help fund the council's activities, we sold Purdue Forestry and Natural Resources hats to students and alumni.

This year's officers were: President, Bill Lambert; Vice President, Jeanne Young; Treasurer, Kelsey Harmon (Fall semester), Jeff Dillon (Spring semester); Secretary, Dave Apsley.

The council would like to thank the advisors, Dr. Mason Carter and Dr. Fred Montague, as well as the option clubs for their support and ideas.



Forestry Council

Front L to R: Jeff Dillon, Dave Apsley, Bill Lambert, Jeannie Young  
Mid L to R: Dr. Mason Carter, John Kershaw, Jeff Mason, Paul Sherwood,  
Chris Kokojan  
Back L to R: Walt Chomentowski, Steve Siscoe, Dr. Fred Montague

# XI SIGMA PI

by

Paul Sherwood

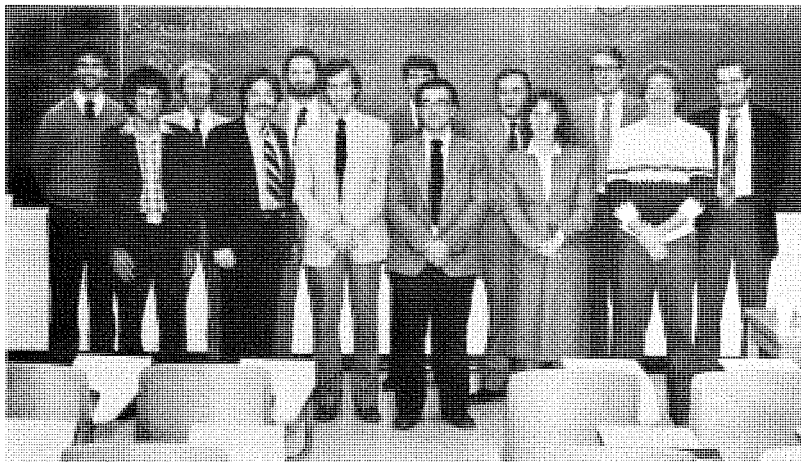
Xi Sigma Pi is an international Forestry and Natural Resources Honor Fraternity originally founded at the University of Washington in 1908. The organization was installed at Purdue University on May 26, 1934, and as it was the tenth chapter in the United States, the Purdue chapter was designated Kappa.

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. The intention of the fraternity is to honor the student who not only excels in academic work, but who also possesses those personality traits that tend to develop strong professional ethics, and that lead to success in future endeavors.

During the 1983-84 school year the Kappa Chapter of Xi Sigma Pi has been very active in promoting its image. On November 7, Dr. George Parker presented a slide program on his recent trip to the Dominican Republic where Purdue Forestry personnel are actively engaged in international forestry. Dr. Orrie Loucks, Director of the Holcomb Research Institute, was Kappa Chapter's guest speaker at our annual Smoker held on December 8, 1983. Dr. Loucks is renowned for his work in Forest Ecology, and his presentation "Air Pollutant Impacts On Forests In the Ohio Valley" was well received.

In the Spring of "84", Kappa Chapter will be actively involved in selecting the new pledge class from prospective candidates in the Junior and Senior class. After completing their assigned pledge projects and pledge boards, these new members will be

initiated at the annual Forestry Awards Banquet to be held on April 5, 1984. Kappa Chapter is working for Forestry in 1984.



Front Row: Andy Sipocz, Paul Sherwood, Scott Jamieson, Dr. Burney Fischer, Pam Morgan, Jim Bateman

Back Row: Tony Grossman, Rich McGloughlin, Don Leopold, Dr. George Parker, Dr. Mason Carter, Dr. William Chaney, Dr. Orrie Loucks.

Forester:	Paul T. Sherwood
Assistant Forester:	Jim Bateman
Secretary/Treasurer:	Pamela Morgan
Ranger:	Tony Grossman
Faculty Adviser:	Dr. George Parker

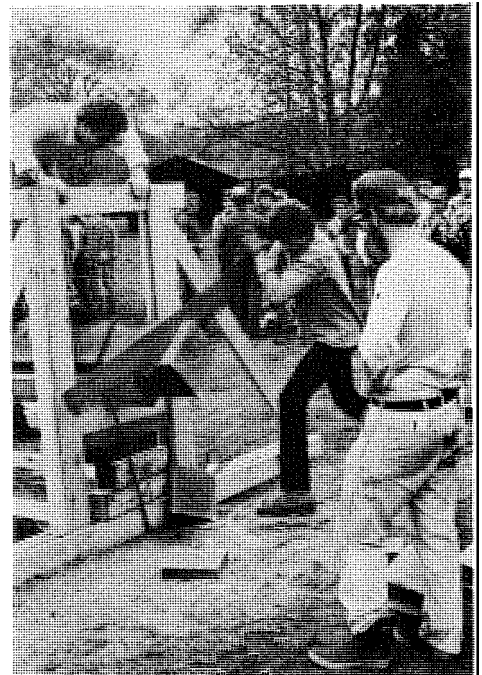
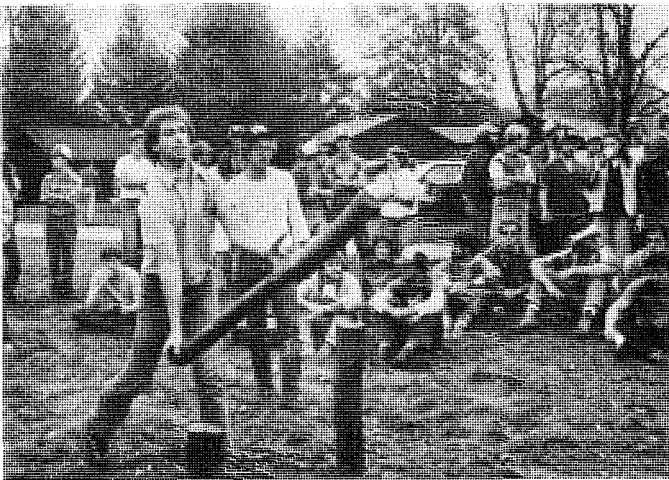
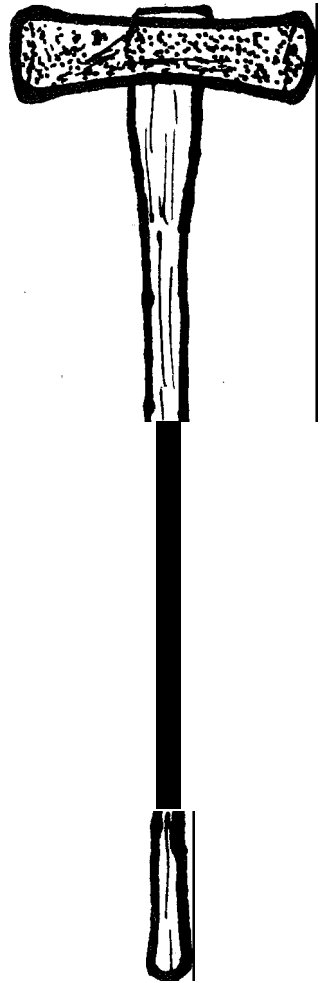
## 1983 SAF Conclave

With saws sharp and sleeping bags packed, the 1983 Purdue conclave team headed west to Monticello, Illinois for the 32nd annual Midwestern Forestry Conclave.

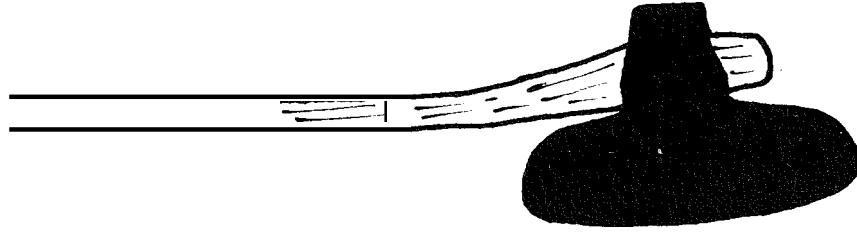
The rain was heavy the whole drive out, but everyone made it, some later than others, to Allerton state park in Monticello. The cabins **were** quite primitive with no heat and featuring outdoor showers. After an evening of socializing, everyone retired in preparation for the 6:30 a.m. **wake** up call.

Morning came too quickly for some who skipped breakfast and slept in; those who got up arose to the 6:30 a.m. fall darkness. As we walked to the dining hall in our small groups everyone noticed it wasn't raining; maybe it would be a good day after all. After breakfast the Dendrology competitors Jim Bateman, Lenny Farlee, and Dave Apsley went on a last minute tour to sharpen their skill for a final time before competition.

The morning events began at 8:30 with Dendrology, compass traverse and match split. By the time the one-man buck started at 9:00 Purdue jumped into first place with a powerful showing in Dendrology -- Jim Bateman 1st, Lenny Farlee 2nd, and Dave Apsley 4th. Purdue was not through with the morning assault as Mike Carver and John Kershaw nailed down 2nd and 4th, respectively, in the compass traverse. Before lunch time Purdue had struck again with Kenny Buening accumulating 78 squares worth of spit, enough to take first in the tobacco soft. Kenny was followed by Paul Winks with 66 squares and a 3rd place.







Purdue had accumulated a good lead going into the dining hall, but the day was only half over. During the afternoon Purdue hit what is known in long distance running as "the wall". We could not place in an event to save ourselves. The log roll, bolt throw, two-lady buck, speed chop, and pulp toss rolled by **with** no placings. The two-man buck almost became a bright spot when Mark Mann and Dave Corhan buzzed through the 18 inch cant in 36.1 seconds, good enough for fourth at the time. Luck was not with us, however, and by the end of the event we were nudged out of 4th place by only one hundredth of a second, a mere tick of the stopwatch.

The Purdue conclavers became tense; there was only one event left and Purdue needed to place ff we were to salvage 2nd place. Darkness surrounded the whole camp as the special event began in early evening. It was all up to the special event team of John Kershaw, Mike Carver, Sherry Gwin, and Paul Winks. After the chips and sawdust had settled Purdue had earned fifth, one place out of the points. It was not over yet; 4th pl ace Minnesota was disqualified. Purdue was elevated to 4th place in the event and 2nd place overall (by a mere two tenths of a point).

An elated team screamed and danced all the way to the mess hall to eat, drink, and dance until morning. Thanks to everyone who participated, especially Harvey Holt, our Faculty Advisor, and Tony Grossman and Derek Vannice, great conclave captains who put alot of **work** into organizing our team.

Next year the team looks good; we are only losing a few seniors and many good sophomores and juniors will be returning. Maybe we can take ft all next year at Ohio State!



Lying down: Tony Grossman, Derek Vannice; 2nd row: Paul Winks, Jim Willaert, Ann Vannice, Charlene Hannah, Sherry Gwin; 3rd row: Mike Carver, John Kershaw, Kenny Beuning, Jory Lyons, Jeff Dflon, Dave Apsley, Pete Smallege, Jeff Mason, Dave Cohran, Jim Bateman; Back row: John Sufak, Karen Andreef, Tom Crowe, Bfl1 Lambert, Dr. Harvey Holt, Walter Chomentowski, Rob Doddridge, Lenny Farlee

# 1983 Wildlife Conclave

by

Charlene Hannah



On the weekend of April 9, 1983, the Thirteenth Annual North Central Fish and Wildlife Conclave was held. The hosting school was the University of Wisconsin, Stevens Point. Like all good wildlifers, we were to leave early on the morning of April 8th, but instead some slept in; therefore, the trek did not begin until late morning. Alas, it was after dark by the time we arrived and checked into the hotel.

The next day we woke to very chilly weather. We all were thankful that we had prepared for such a change of temperature. Bundling up, we stepped out into the rain and wind. We arrived at the campus, some ten miles **away**, and tried to find the hall where all the day's events were to take place. We had no problem because our visit to the campus the night before got us somewhat "squared **away**" on where things were located (no thanks to the navigator (me) who had the map turned upside down). We arrived at the hall and looked for the programs of the day's lectures and events. Some of the lectures **were** interesting, just ask Jim Bergan (zzz•••).

After the lectures were completed the highlight of the day's events began -- the annual quiz bowl, of course. Purdue's team consisted of Karen Andreff, Glenn Reynolds, Chuck Rosenburg, and John Sufak. Their efforts brought us a 3rd place among stiff competition. Great job!

Then it was time to get "fancled up" and head for the banquet. No ordinary banquet, but rather, a wild game banquet. The entrees included Swiss bear, duck, goose, venison, fish, Wisconsin cheese, and homemade cranberry juice, just to mention a few. And guess who our waiter **was**? None other than Dan Sparks, one of Purdue's new graduate students.

The evening was topped off with entertainment provided by The Generic Blues Band. During the band's intermission the first annual wildlife imitation contest **was** held. Chris Kokojan and Andy Sipocz demonstrated the "Ruffed Grouse Strut". And Sherry Gwin, Gall Inman, and Jeff Maddox showed how sanderlings play in the tide. After a few more tunes we packed up and went back to the hotel.

The next morning, beginning at 3:00 am, the field trips began. The first one was a trip to the prairie chicken booming grounds. Other field trips **were** to the George W. Mead Wildlife Area and Schmeekle Reserve,

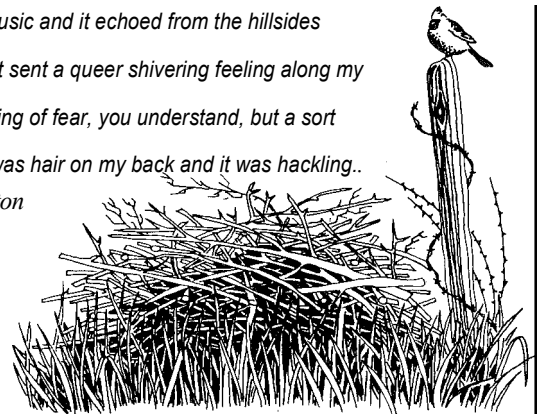
Then it was time to head back home. The weather seemed quite fitting, cold and snowing, but it couldn't put a damper on the warm memories of another great wildlife conclave,



## Howl

*It was wild, untamed music and it echoed from the hillsides  
And filled the valleys . it sent a queer shivering feeling along my  
Spine. It was not a feeling of fear, you understand, but a sort  
Of tingling, as if there was hair on my back and it was hacking..*

*-Aldo Onton*



# Spring Industry Tour



by Mark Pollak

Purdue foresters joined many other students in 1983 who were going south for Spring Break. With great anticipation of a sunny and warm trip, the group of five seniors and two faculty members left a cold Indiana for a 6-day, timberland excursion in Alabama.

Saturday's 9-hour drive found us stopping in Decatur, Ala., and a short drive the following day took us to our destination - Auburn University's Solon Dixon Forestry Center. Dr. Carter had arranged for us to stay in the faculty cabin. The Center had facilities similar to a hotel but was surrounded by thousands of acres of pine forests. It was managed by our host - Rhett Johnson - a kind, southern gentleman that made us ever so welcome throughout the trip.

Alabama's best welcome came Monday morning by way of a huge breakfast - southern style. We spent the day looking at the Center's lands as well as touring U.S. Forest Service operations in the area. The warm evening weather prompted several games of basketball and a bass fishing trip (Rhett 3; Parker 1; Carter 0).

Tuesday's itinerary was hosted by representatives from Container Corporation as we saw their timberlands, pulp and paper mills, and large site prep equipment. We also visited a small, private operation that sold "fatwood" to L. L. Bean. Additionally, the Purdue group experienced prescribed burning first-hand as fires were set on the Dixon Center's lands that evening to rid the forest floor of excess debris.

During the week, T. R. Miller Co. took us on a tour of its managed sites, and Friday was hosted by McMillan Bloedel. We were guided through their working plywood mill, sawmill, and pulp mills. A tour was also given at their seed orchard and nursery. That night Rhett invited two local raccoon hunters (Devon Wiggins and Claude) to the Center to take "these yankees" coon hunting. We treed three raccoons, but had just as much fun laughing endlessly at the two southerners' humorous stories and curiosity of northern life.

Saturday's sunrise came regretfully as we knew our trip was nearing its end. We had seen and experienced many forestry practices that were not available to foresters in the north. Additionally, we were able to see the southern way-of-life and talk with southern foresters first hand. We appreciated their hospitality and are glad to have them as our friends.

Bill Clark  
John Horneman (Rooster)  
Jeff Matyus  
Tom Neal  
Mark Poliak

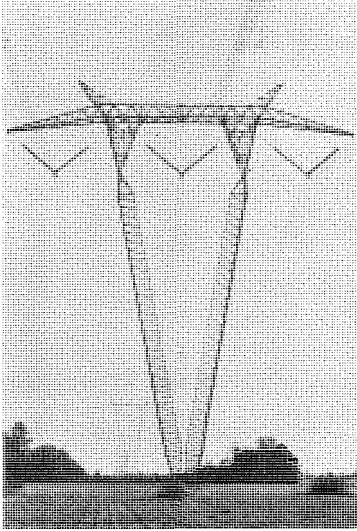
Dr. Carter  
Dr. Parker



# Utility Forestry

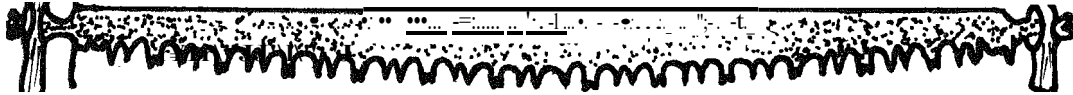
by

Dave Apsley and Derek Vannice



There are other types of forestry besides the traditional forestry jobs. The increasing competition in the forest industry for jobs has led foresters to look into other areas for jobs. One of the more challenging, interesting, and financially rewarding areas is utility forestry. Utility forestry is forest management with a different objective. The major objective of the utility forester is to maintain and manage rights-of-way in order to insure reliable service to the consumer in the most cost efficient manner. The field of utility forestry is quite variable in nature, and some of the duties of the utility forester include aspects of forest management, wildlife, forest products, urban forestry, landscape architecture, and recreation.

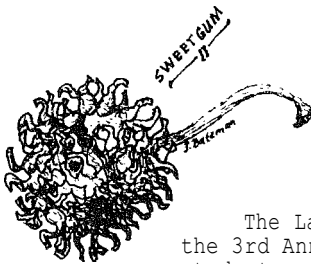
Some of the basic duties of the utility forester include vegetation growth control, arboricultural practices, pole maintenance and inspection, landscaping, wildlife habitat improvement, land reclamation, erosion control, appraisal of timber, and timber management. If you're looking for a job that is financially rewarding, that is seldom boring, and that is challenging, you may want to further explore the field of utility forestry.



## Land Between The Lakes

by

Bill Lambert



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The Land Between the Lakes Recreation Demonstration Area once again hosted the 3rd Annual Consortium on Interpretation. Several Purdue students met with students and professors from Kansas State, Ohio State, Penn State, Tennessee State, and Texas A & M universities on April 1-3, 1983.

Land Between the Lakes is a national demonstration area where interpretive ideas are tested. This "workshop" provides the arena for recreation managers to put into practice ideas that they develop.

Dr. Knudson led a group of 12 Purdue students to LBL to help the LBL staff with some of the problems they were having. We were separated into several small groups, with students from each university in each group. Each group studied a different interpretive project and developed suggestions on how the project could be improved to meet the needs of visitors.

All this time, the professors made their way around to each group and managed to meet all of us. They offered some great suggestions and even told some pretty fair jokes. Everyone kept asking if Dr. Knudson was going to dress up like a bunny again this year. (He didn't).

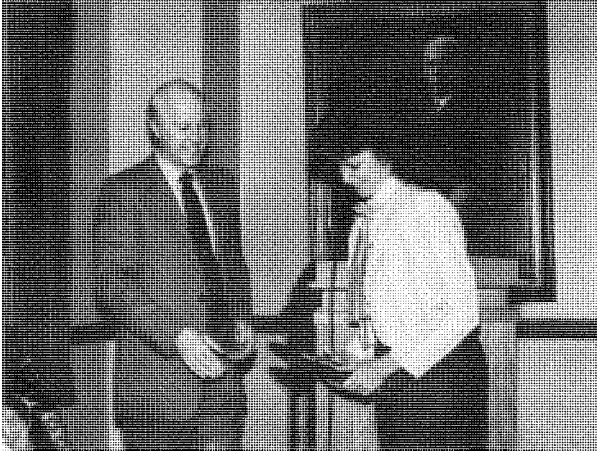
Even though the work was intense, so was our recreation. There was a little bit of time to hike, play basketball, volleyball, enjoy one whallapin' dance, or just relax.

At the end of the consortium, each group presented its ideas to the LBL staff and the other students. It was a learning experience for all of those involved and will not soon be forgotten.



# SPRING AWARDS BANQUET

The 49th Annual Forestry Awards Banquet, held in April of 1983, featured the theme "Our Road To The Future." The master of ceremonies for the evening was Steve Stachowiak. Mark Betterman, Julie Rahe, Brenda Sherwood, Paul Sherwood, Steve Stachowiak, and Jeff Welty provided the entertainment throughout the evening. The recipients of the awards are featured below.



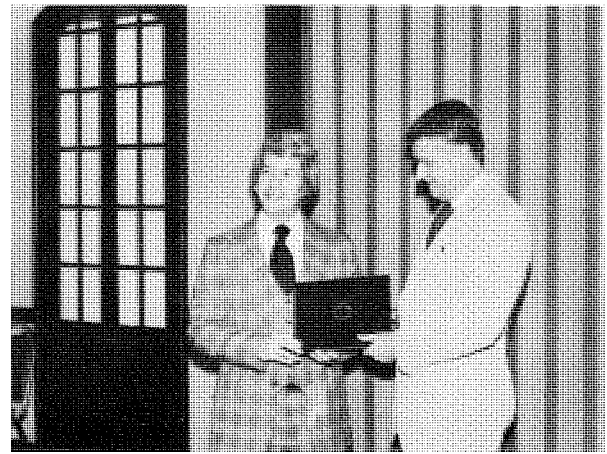
Lisa Humphreys receives the Forest Products Research Society **Award** from Dr. John Senft



Chuck Rosenburg receives the Rafferty **Award** from Dr. Fred Montague



Dr. Fred Montague presents the Coulter Leadership **Award** to Connie Cummins, Chuck Rosenburg, Mark Poliak



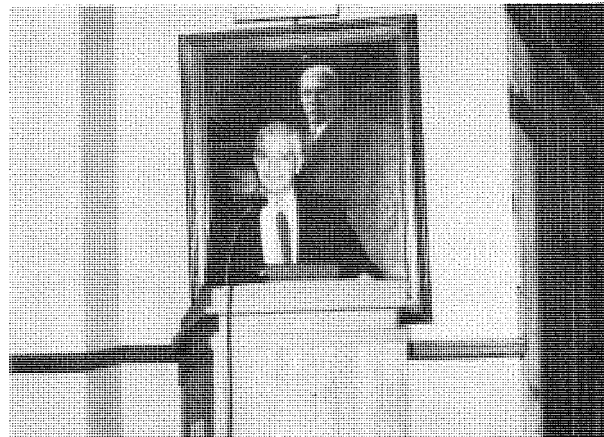
Dr. Russell Mumford receives the Chase S. Osborn **Award** from Dr. Harmon P. Weeks



Mark Pollak receives the Ramsey & Son Award from Mr. Ransey



Chuck Rosenberg receives the Boone & Crockett Club Award for Outstanding Wildlife Management from Dr. Douglas Andersen



The Forestry Department honors Dr. Sam Postlethwait for his contributions to the forestry curriculum



Entertainment was provided by (CL to R) Mark Betterman, Steve Stachowiak, Brenda Sherwood, Jeff Welty, Paul Sherwood, and



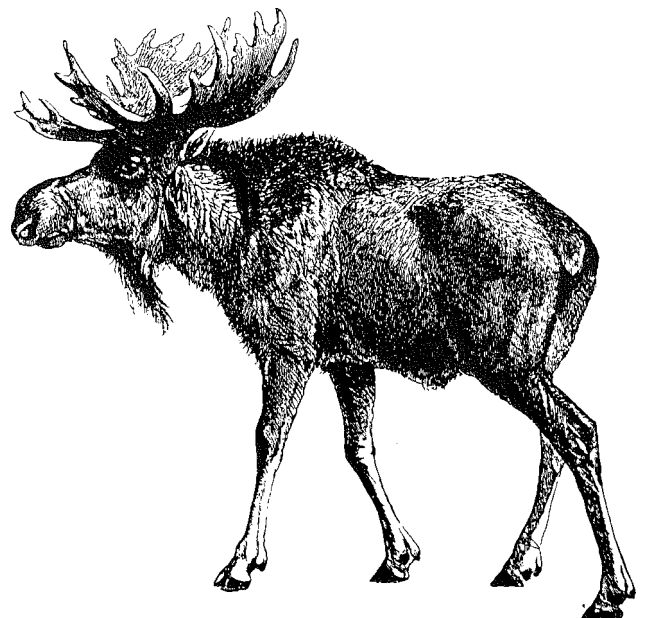
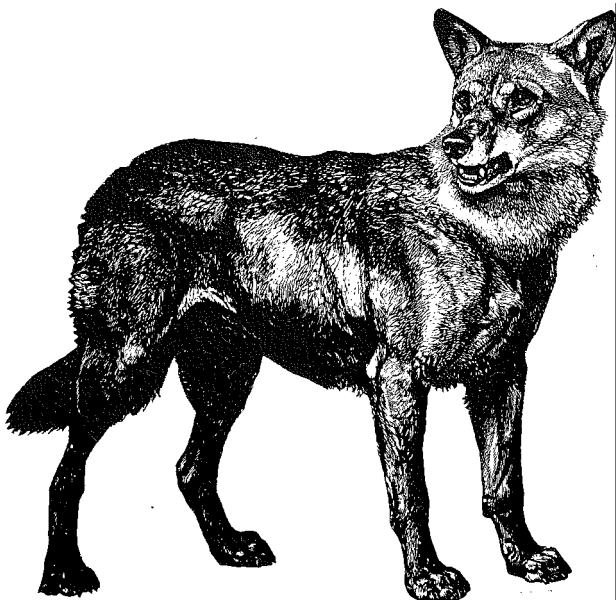
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## "Congratulations, Dr. Durward Allen"

Dr. Durward Allen, Professor Emeritus of Wildlife Ecology, received the National Wildlife Federation's Special Achievement Award in Science for 1984.



Dr. Allen (center) is shown receiving the award from National Wildlife Federation President, Ben Dysart (left) and National Wildlife Federation Vice President, Jay Hair (right). This distinguished award was presented to Dr. Allen at the National Wildlife Federation's annual convention held in Atlanta, Georgia on March 18, 1984. The Purdue Department of Forestry and Natural Resources salutes Dr. Allen for his distinguished achievements.



Summertime Summertime ...





# A Summer Forester

by

Kimberly Y. Clay



It was my third day in Marietta, Ohio. I was to spend the remainder of my summer working on the Wayne National Forest as a Forest Technician in charge of the 1983 YCC'ers. It would be another week before the YCC program started, so I was to spend the first week assisting another technician who was working on a walnut plantation project. The previous week had been spent in Athens, Ohio at the Ranger Station doing paperwork, some timberwork, and touring that particular portion of the "Wayne". Just when I was beginning to find my way around and remember everyone's names, I was sent to Marietta, Ohio. (I could take being six hours away from home. I could take being in a place where no one knew me. I could take being in a place that I never knew existed before. And I could certainly take being **away** from Sherry and Charlene for almost three months. But **why, why** did it have to be Marietta, Ohio?)

I was beginning to settle into the role of crewleader. My kids, as I call them, were very hard workers. I had to get after them every once-in-awhile about obeying the safety rules, but other than that, we worked very well together. On many of the days that we worked on the hiking trails, the temperature ranged from 88<sup>o</sup> F (a mild day) to 102 F, which is no exaggeration. The **air was** so heavy that it seemed like a solid mass. At least at home I could breathe.

It was in the last month of working on the Wayne that I finally felt like "Joe Forester" and not just the new squirrel in the tree hole. Dan Kincaid, the Assistant Ranger in the Athens District, was an easy-going guy, but responsible and very competent. The atmosphere created under his management and supervision was one within which it was easy to work and learn, and he didn't mind if I had questions about Forest Service policy, safety regulations, or why he came to work with his shoes untied.

It was my last day working on the Wayne National Forest, and the day before I was to leave Marietta, Ohio. I had learned a great deal about working as a professional forester, and how much more I have yet to learn. I also realized that I have something to offer the profession; I can do a job and do it well. In addition to these things, I grew as a person during the time I spent in Marietta. I visited new places, explored museums, met some people that I'll never forget, and made some friends with whom I still keep in touch. I ended my tenure on the Wayne by spending part of that last afternoon getting one of the pickups out of a small ditch. Ce la vie.

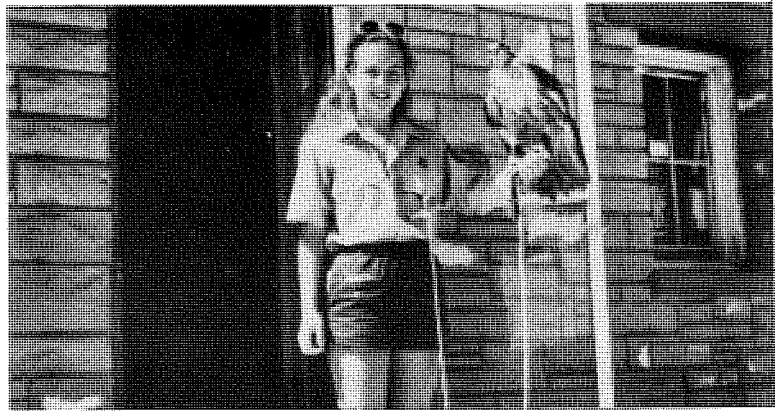
In opposite skies,  
A beauty shared.  
The fallen sun gives rise to  
A new moon.  
Colors line the setting sun  
And, too, another sky.  
For we are like the sun and moon,  
Together, you and I.  
-- J. Schluder --



# Raptor Rapture

by

Toni Rogers



During the summer of 1983, I spent eight wonderful weeks living in an old refurbished hog barn. My title was an intern at The Raptor Rehabilitation and Nature Center of Pueblo, Colorado. Working under the most primitive conditions in 100-degree and above temperatures, I would not have traded the experience for anything.

The Nature Center is essentially a non-profit organization providing a place where land and people can be re-united for cultural, scientific, recreational, and educational pursuits. The Raptor Rehabilitation Center is licensed by federal and state wildlife agencies. It provides sanctuary and convalescent care for injured hawks, owls, and eagles until they can be released back into the **wild**. It also serves to educate young people and adults about birds of prey and why they are so vital to the environment.

Besides working **with** injured raptors, I interpreted the surrounding area to help people gain an understanding and appreciation of our environment and its resources. However, not being native to the area, I learned alongside those who came to our hikes, campouts, and workshops. I felt secure **with** my education backing me, yet at the same time I felt a need to continue learning. I hope that everyone who wishes for it may experience all wonderful things in the work they choose to do. I am just beginning!



# Summer Naturalist

by Matthew Holman

The real busy season didn't start for two weeks. Both Jill and I began early so we could learn the trails and get use to the park policies. This was to be my first experience as a naturalist in a state park. Turkey Run is a unique park combining both natural and historical interpretation. **My own** natural history experience consisted of one class in dendrology, an interest in ornithology and a few wildflower names. As for history, my knowledge was even less proficient. This summer was to be a great education as well as a fantastically interesting job.

I remember wondering how I'd ever learn all the trails well enough to guide someone else through this woodland maze. Our first few excursions into the forested areas were made in one of the park's pickup trucks. The purpose was to learn the boundaries and hopefully gain a better perspective of the entire property. Little did I **know** then that this brief exposure to the fire lanes and peripheral roads would help me direct an ambulance to the scene of a **hiking** injury. Before long, both Jill and I **were** taking small groups on the trails by foot. By small I don't mean numbers, but stature. Our first few hikes consisted of ten to twenty fourth and fifth grade school children on their last school outing of the year. Except for the mothers who had come a long to help the teachers, our audiences were only waist high. There's an entirely different view seen from that height. I would be deep in an explanation of spring rejuvenation

after a long winter dormancy only to be interrupted and asked, "what kind of bug is that crawling up your leg?" There's something humbling about a question like that.

As uncomfortable as those first few hikes seemed to be, they were nothing compared **with** the seventy or more people that showed up for one of my scheduled night hikes. As long as I did my **homework** and scouted the trail ahead of time, things went pretty smooth. I remember walking up towards the Inn one evening and praying all those people were waiting for rooms. My fears were warranted as someone yelled, "Hey, here comes the naturalist **known**." One of the first things we are taught to do as a naturalist is to arrive early to a program or hike. This gives you the opportunity to get acquainted **with** the people. I was early, but it **would** take a lifetime to get to know this crowd. I gave my little introduction and we set off on this walk through the darkness. If it hadn't been for the fog I'm sure we would have been back on time. I didn't plan to follow the bridle trail but it seemed to be the quickest route back to the Inn. All in all, everyone had a good time and even I look back on this evening **with** thoughts of enjoyment.

I learned a lot last summer. The vegetation in the park seemed to change as quickly as the visitors. There was always something in bloom. No sooner **would** I learn one flower's name before it would be gone and another would take its place. Several raccoons taught me that soft, fresh marshmallows were not safe even in the tightest of tupperware containers. Most importantly, I learned that people are as important to a park as all the wildflowers, animals and trees.

# The Co-op Experience

by

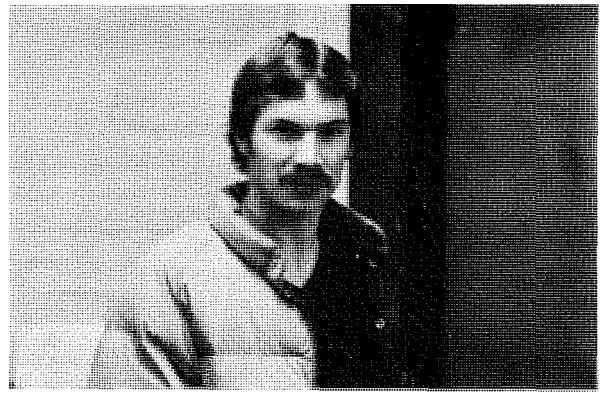
Steven R. Siscoe

During our lifetime, we face many decisions. Many are simple and do not greatly affect our future, but others have a great impact. The decision I **wish** to discuss here is that of participating in the cooperative education program at Purdue.

Like many students, I had not heard of the co-op program until the first semester of my sophomore year. The introduction was short and came during a Dendrology lecture. The man introducing the program was the Cooperative Education Coordinator, Dr. John Senft. He left **with** us his name and office location.

The idea of alternating semesters **with** school and "hands-on" experience sounded very interesting. I followed up by going to Dr. Senft's office and filling out the appropriate forms. Within a few weeks I had interviewed with the Indiana Department of Natural Resources. The big decision then came when Dr. Senft called and told me I had been selected for the position **with** the IDNR Division of Fish & Wildlife. Upon thinking about it a few days and talking things over with my parents I accepted the position.

For my first session I was told to bring lots of warm clothes as I was going to be trapping wild turkeys in southern Indiana. I wasn't worried about getting cold as I had plenty of warm clothes, but I didn't know anything about wild turkeys. In fact I had never even seen one. I really began to wonder what I had gotten myself into, but I **was** eager to meet the challenge. After taking a day to meet my supervisor, co-worker and finding a place to stay I was all set to start. As the rest of the students were packing up to go back to school, I was packing my warmest clothes to start my cooperative education program.



I quickly learned what trapping wild turkeys with a cannon net consisted of and what it was like to be in a small town living by myself. It was really different not to have anyone around and have to cook, clean and make decisions for myself. I must have adapted quickly - I stayed healthy and didn't have any bill collectors knocking on my door. The weeks and months soon passed and, after catching eight wild turkeys, it was time to change gears and start working on spring population surveys of ruffed grouse and wild turkeys. This required that I move to a different location and start learning how to conduct population surveys. The remaining time passed quickly, and I soon completed the **work** session.

The three other sessions **were** all similar in that I had to move to a place where I knew virtually no one, and had no prior **work** experience **with** the tasks I was to perform. During these sessions I found myself maturing and becoming a professional in my field of training. I also met and **worked with** many of the state's wildlife and fisheries biologists, many of **whom** have become good friends. In addition I now understand how the Department of Natural Resources operates and some of the problems they are faced **with**. By bringing back this information I tried to choose electives that would help me meet the actual job challenges and demands.

Overall the cooperative education program **allowed** me to mature in a profession and make sure that I enjoyed the type of **work** I had chosen. Some problems **were** encountered, but like life they were all overcome so that the next step could be taken.

# A Summer Romance

by

Charlene Hannah

I had really never been subjected to the "personality" of southern Indiana, since I have spent all my life in the northern sector. And I was quite taken by it when I spent the summer of 1983 there.

Summer camp took up the first five weeks of summer break. And immediately upon returning from Tipler, Wisconsin I traveled to Tell City, Indiana to accept a position with the USDA Forest Service. My position was to be a forestry aid in recreation. But when I arrived I learned that I had been loaned out to the timber section. No matter, the people were fantastic. I began to think of southern Indiana as part of the southern states, with all their southern hospitality.

An example of their kindness was shown to me the first day I arrived and found my way to the office. I had no place to stay and was in hopes that someone had some advice. I was greeted at the door and asked how I might be helped. After I introduced myself and stated my problem, everyone was quite helpful. They produced names and numbers and hints on where to look. Needless to say by the end of the day I had found a place and was going to move in the next day.

Well, the next day was also my first day of work. And boy, was I nervous! But as soon as I got there I was introduced to my boss for the day and set out on a 4-mile hike marking and blazing a trail.

The next day I went out with the two men I would be working with the remainder of the summer. Our goal was to identify and mark as many timber sale blocks as time permitted. We visited many sites from Tell City north to Paoli. I have never seen so much greenbriar in my life! I was also subjected to many other jobs in my two-month stay. I helped maintain recreation areas, check calculations in surveying log books, patch roads, evaluate timber sales after the loggers had clearcut, gather samples of walnut and poplar plantations for nutrient analysis, and helped build the Forest Service float for the annual Switzer Fest,

I cannot stress enough the importance of meeting those in the field in which you plan to make your livelihood. There is a lot of knowledge to be gained and a lot of wonderful people to meet. I wish all of you the best of luck and hope that you get the chance to fall in love with the land and the people as I did.

VENNIS



# Chipmunks, They're "So Cute"

by

Sherry Gwin

How many times have you seen a chipmunk and said, "Oh look, it's so cute"? Later you comment on how small they are and what easy prey they would be. The person walking with you may agree. If you had said those things to me, I may have answered you with -- "EASY PREY!?! CUTE!?! How disgusting can you be!" I used to think such evil thoughts as "cute" but now I think of chipmunks in a different way.

This summer I worked on a Special Problem with Dr. Weeks. To collect my data I conducted a 10-day trapping session in the woodlot at the Purdue-Baker Wildlife Area. I live-trapped chipmunks, white-footed mice, and short-tailed shrews.

When Mickey (Dr. Weeks) showed me how to handle these animals I was very hesitant. I **was** so afraid I would break their neck, or crush their skull, or strangle them. To handle the animals you had to pinch the "scuff" of their neck and hold them belly up. You had to have a tight grip or the animal **would** escape, They were small **and** so fragile. But then it happened.

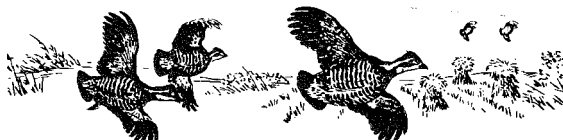
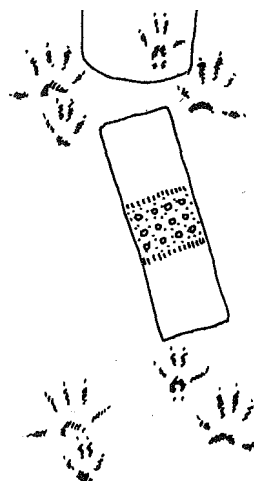
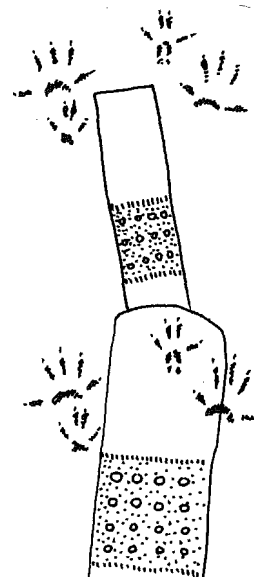
On my third day of trapping, I was holding a chipmunk in my right hand and trying to identify a number on the tag in its ear with my left hand. The tag was dirty, and I had trouble seeing the number. Trying again to see the number, I made the fatal mistake of keeping my left hand close to the chipmunk's head for too long.

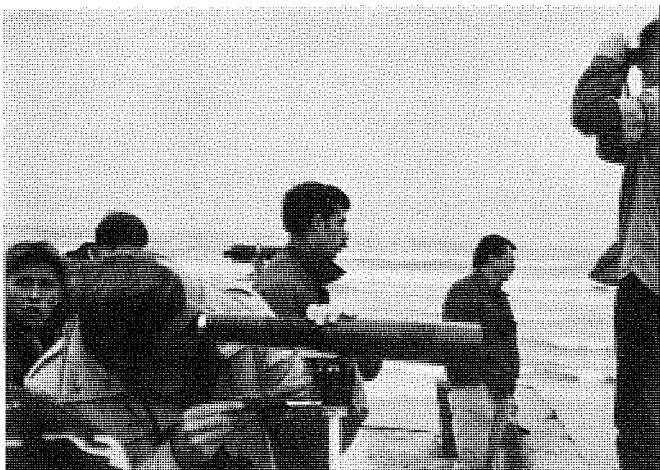
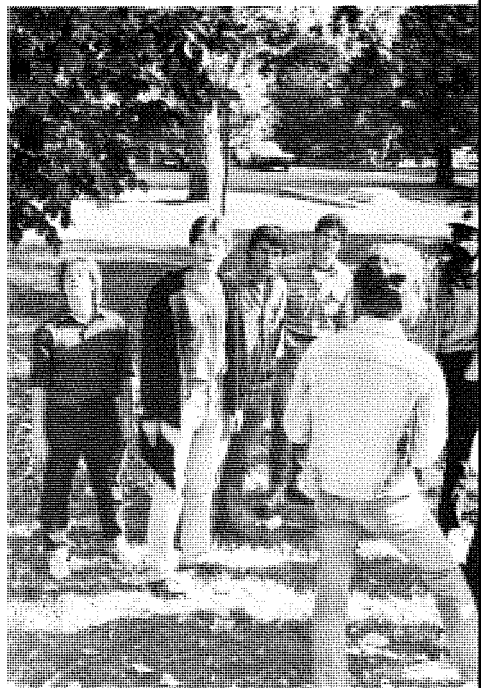
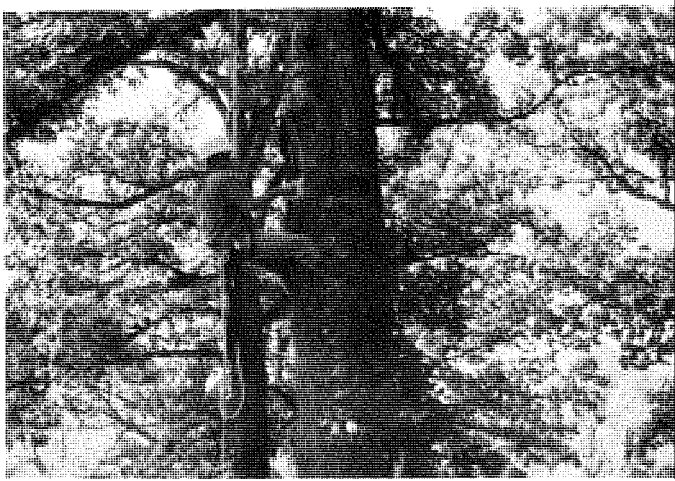
Chipmunks are known to be opportunists, This chipmunk was definitely no exception, He seized the opportunity to make his "get away" but for some reason he just had to bite my finger before departing. The chipmunk couldn't bite my hand or, even easier, scream at me. NO -- it had to bite the very tip of my index finger. Do you **know how** sensitive an index finger is? Let me try to give you an analogy, We all have had paper cuts--multiply this feeling about 10-fold, and you will know how my finger felt.

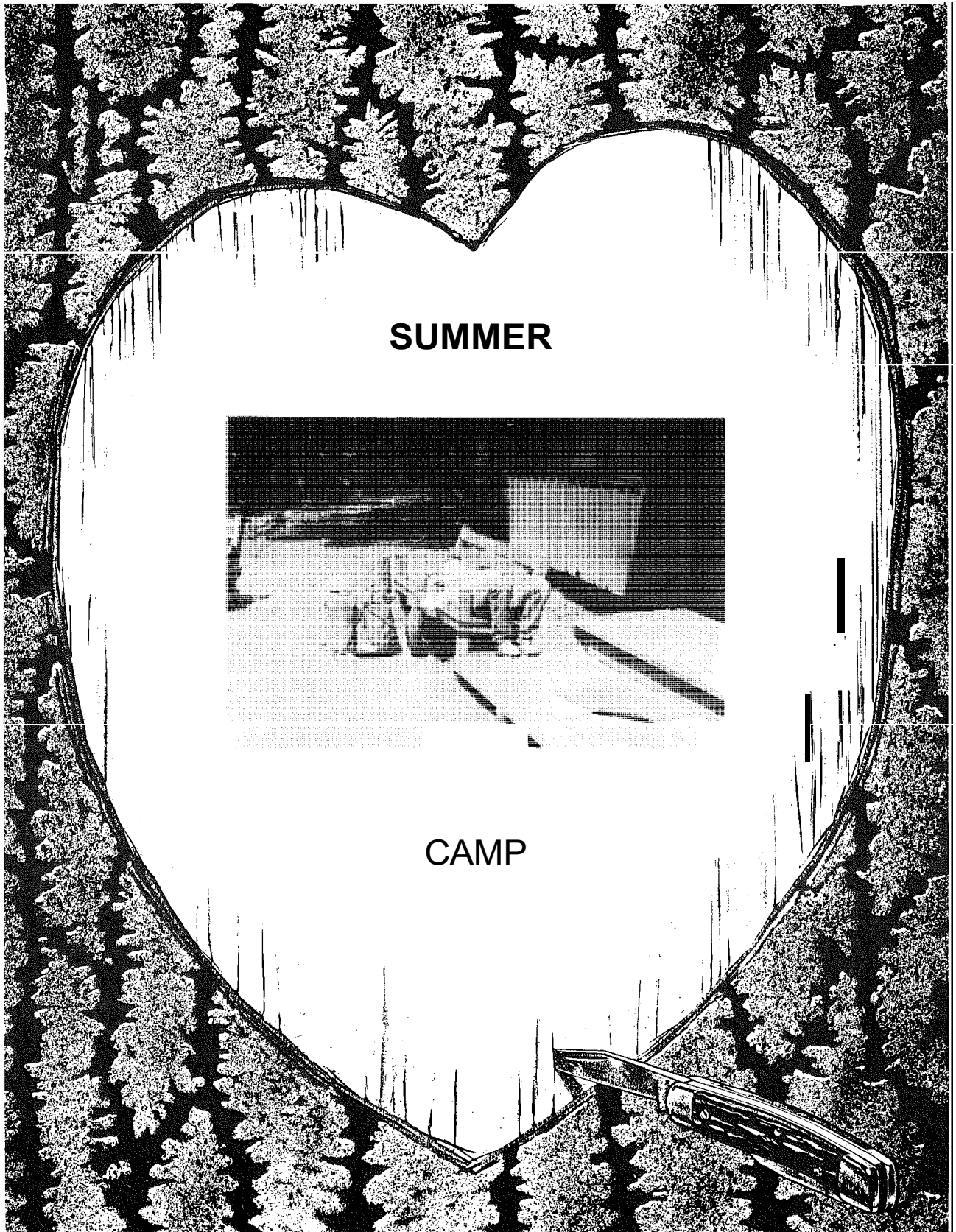
It was not enough that this **.vermin**.bit my finger. This **.vermin**. did not know when to let go. This **.vermin** kept his teeth in my very sensitive index for about 3 seconds. I know-- you say to yourself "Three seconds isn't long at all." Granted-- if you don't have chipmunk teeth in your finger. It seemed like an eternity!

After recovering from the initial shock, I tried to get the blood to stop. Five paper towels later and a cold water bath, I was ready to go out and continue to check the traps. This time I had an attitude change. No longer **was** I afraid of breaking a chipmunk's neck (let me break one) or crushing a skull (give me rock) or strangling the vermin (oh, can't you breath?!). These animals don't know how to be "cute". I was rendered almost helpless by a "cute" chipmunk. I had to do everything backwards **now**, and I had to learn to use my left hand to mark the animals.

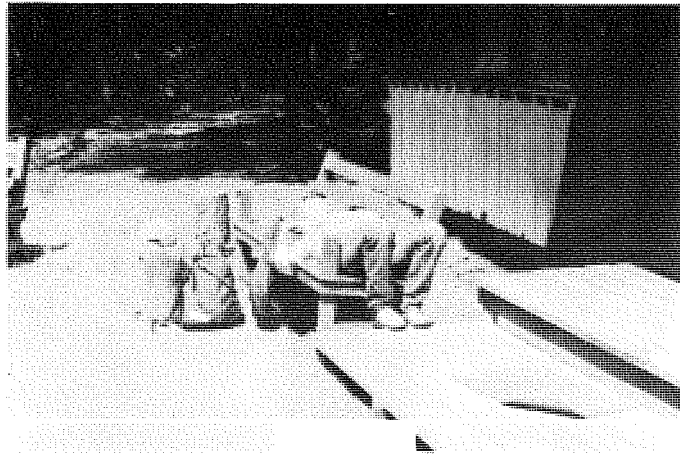
Over the next few days my anger subsided. Chipmunks didn't bother me; hence, the time I spent checking traps decreased. By being bitten I was able to check the traps without fear of chipmunks. Should I go so far as to say I thought the chipmunks were cute, No, no, they were amusing, not cute! Well, once in awhile I would chuckle at them because they were...dare I say...cute.



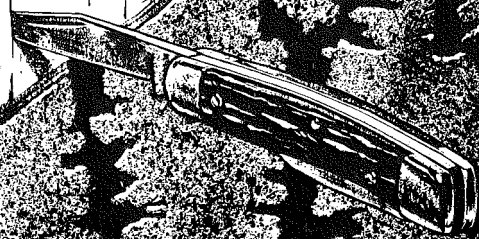




**SUMMER**



**CAMP**





by

Steve (Snail) Goodwin  
Tony (Blueberry) Grossman

Throughout the weekend of May 7th and 8th, Purdue forestry students arrived in Tipler, Wisconsin to begin five weeks of exciting activities. Many travelers received extensive directions from Howie's bar-restaurant-grocery store on how to find Lost Lake camp, some even made it all the way there. At 5:00 p.m., Sunday evening, camp officially began. No drums or cannons signaled its start, only the sound of Steve Siscoe's pickup backing into a Purdue van.

Dr. Beers and Dr. Moser filled our first week full of mensuration and leaks. We began by reviewing compass skills and following a traverse which invariably led us through continuous slash piles thanks to cunning calculations made by our T.A.'s, Bob and Matt. Next we tested our sk171 at log grading and sealing at the Long Lake logging yard. A review of horizontal point sampling and diameter obviation was then given to prepare us for one last assignment. The final day of the week dawned grey and rainy making the assigned 275-acre inventory an experience none of us will forget. The exam we were given over the week's material on Saturday morning was no match for the test our digestive systems were put to by Dr. Moser's leaks in every conceivable meal. The weekend exposed many hidden talents such as Paul and Bill playing the guitar, Steve E. and Derek singing "Nobody", and a table full of budding pool sharks. Bears and wolves were sighted throughout the area by eager wildlifers. Steve Ebbert even claimed he saw a rooster.

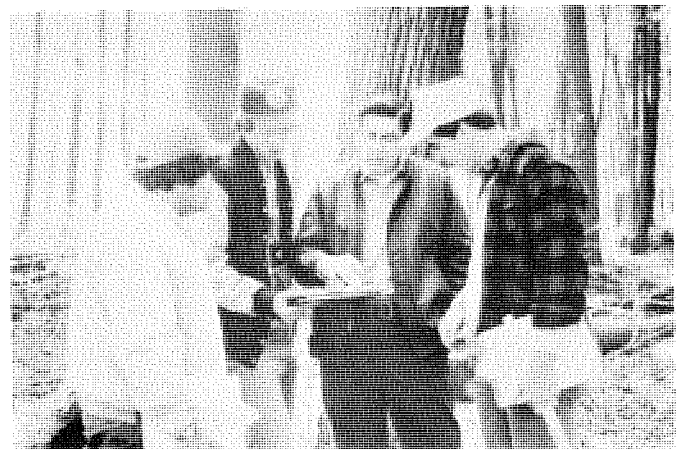
Our second week began by reviewing a subject dear to the hearts of Dr. Parker and Don Leopold known as ecology. Monday and Tuesday were spent learning how to identify different sites by ground vegetation and soil characteristics of



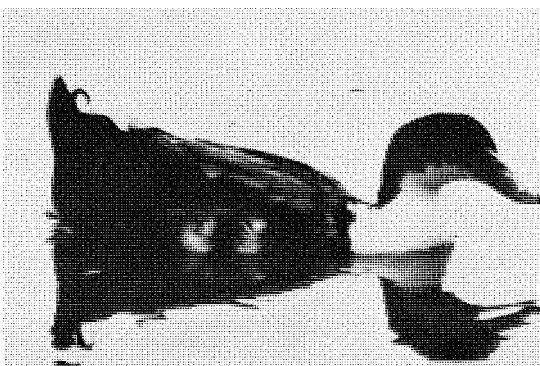
Dear Mom ... Today we learned about cover mapping ...



"It just doesn't get much better than this, guys!"



"Howie's is just down the road here "



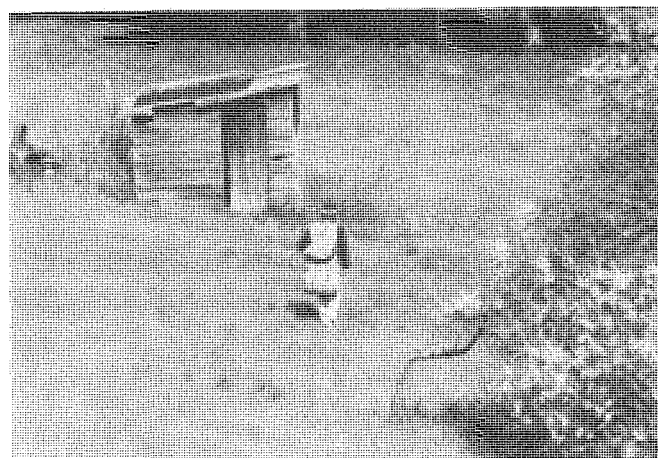
the site. During this time, bog swimming became a sport that many enjoyed either voluntarily or involuntarily. Wednesday afternoon we were introduced to a 900-acre compartment that was best known as our "home land". Dan, Toni and John decided this compartment wasn't big enough and tried to expand it by a few miles but thought differently when they were found after supper that night. Thursday, we completed mapping the stands and began preparing our final reports. The week ended with a trip to Sylvania Recreation Area where Woody Owl was recruited as a Purdue forestry student and black flies outdid themselves in exponential reproduction. Throughout the week, Dr. Parker showed his talent at pool. Tony Grossman ruined everyone's exam scores on Saturday, including his own, by identifying a blueberry plant where it shouldn't have been ... in the test plot.

Silviculture was the main item on the agenda during the third week of camp. Dr. Merritt and District Ranger, Ed Wenger showed us specific silvicultural practices including as many clearcuts as our eyes could bear. After a grueling day of pushing vans out of mud, Steve Siscoe once again demonstrated his forestry and driving skills by attempting to thin mechanically a red pine stand with his pickup. Morels started popping up by the middle of the week to distract many students from their assigned field work and fill their stomachs during massive morel frying sessions. The big project of the week was writing prescriptions for the stands we delineated during ecology week in the home land. Also during the week we visited the J.W. Tournay Nursery to observe the operations from soil fumigation to seedling grafting.

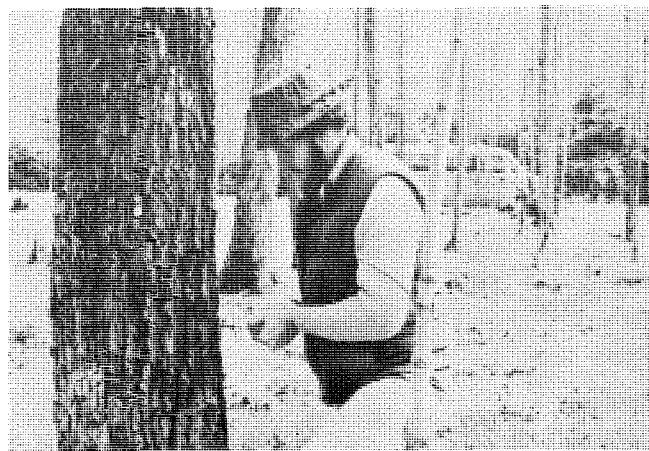
The fourth week we studied many aspects of the wildlife that was so abundant in the area. Dr. Weeks and Ted Cable began our week by applying our basic arithmetic skills to counting deer pellets and extrapolating the deer population from these data. The next



"Is the lake rising, or are we sinking?!"



"Finally! I hope it's the men's room!"



"Let's see ... exactly 280° due West."



three days began at 5:30 a.m. In order to participate in bird walks, a squirrel and chipmunk census and collecting small mammals. The rest of the days were spent conducting browse and fungi surveys, a breeding bird survey, and a King strip census for grouse. As if this wasn't enough, the evenings were spent listening to bird recordings, setting small mammal traps, visiting a sharp tail grouse area, and going on owl calling hikes. The grand finale of this week was the Lost Lake Queen contest. To add to the wildlife education, the occupants of Mike Weitz's jeep decided to take a 10 mile "nature" hike after the jeep rolled to a stop in the middle of a bog.

Recreation is definitely what we needed in the final week and is just what Dr. O'Leary had in mind for us. Two days spent in the Wlsker Lake Wilderness area gave us time to consider aspects of different types of recreation facilities while working on our tans. For most campers, the water finally became warm enough to swim in, and Steve Siscoe decided to let his pickup in on the fun by trying to take it into the Pine river. Back at camp, Dr. O'Leary taught us the best ways to design campgrounds and opened our minds to creating interpretive trails. We put this to use by evaluating the Lost Lake campground and redesigning the Lost Lake interpretive trail. Howles increased in popularity this week as the beer poured free and everyone gathered to hear their favorite songs from the juke box or Paul's guitar for the last time.

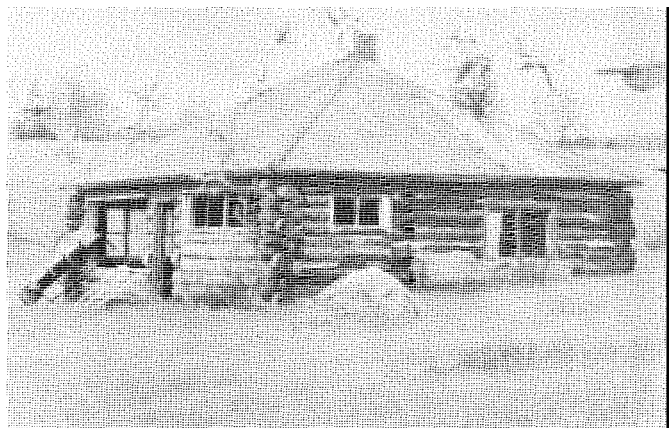
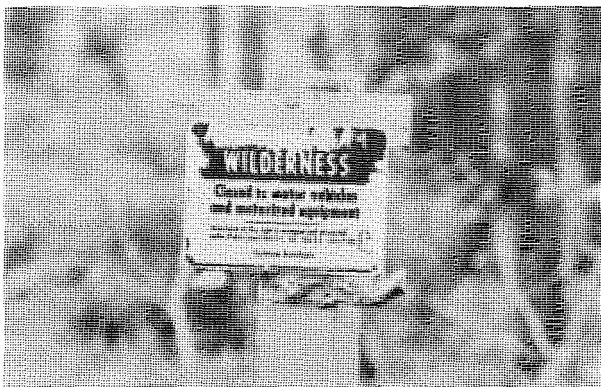
The final day of camp dawned bright and clear for our last exam and departure. Many pictures were taken, memories exchanged and farewells were said. Each of us saw camp in his or her own special way and will carry these memories with us throughout our lives. Good luck to everyone and remember our shared experiences with fondness as you move on to bigger and better things.



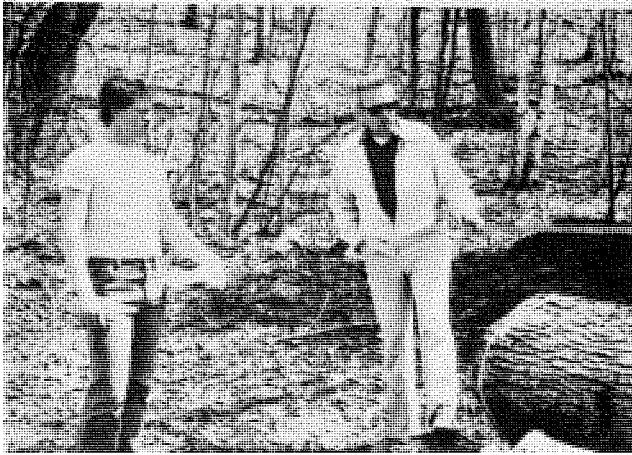
"Gee, Mickey, I thought you filled the gas tank!"



Official Forest Service Vehicle



"I wonder if anyone's home?"



Didn't we just see one like this down  
the road



"Mirror, mirror on the wall" "



"It smells like bear scat to me!"



Isn't this just "larrapin good"



If we hurry we can see another site before  
quitting time



-- Serenity --



Come on let's recreate



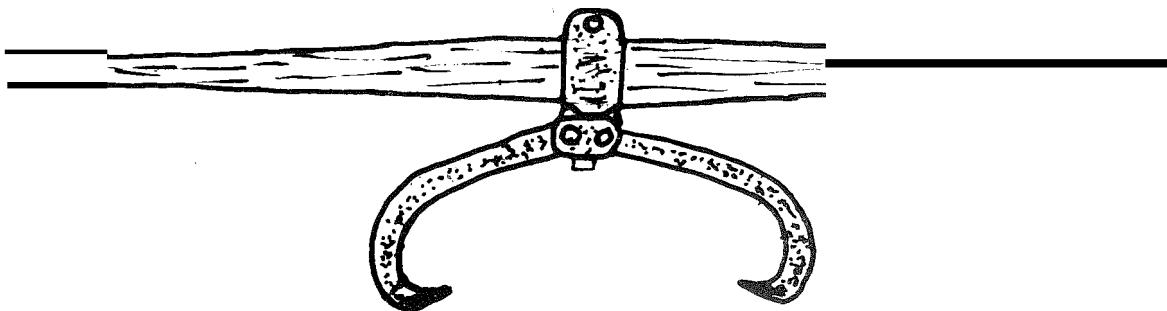
You tally the dbh ...

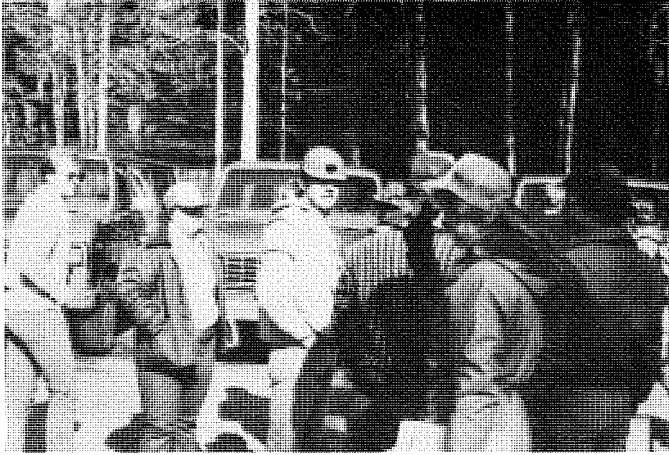


"Sometimes you need a between meals snack"



"Come on, If you look real close you'll see that little bird that's the same color as the vegetation"

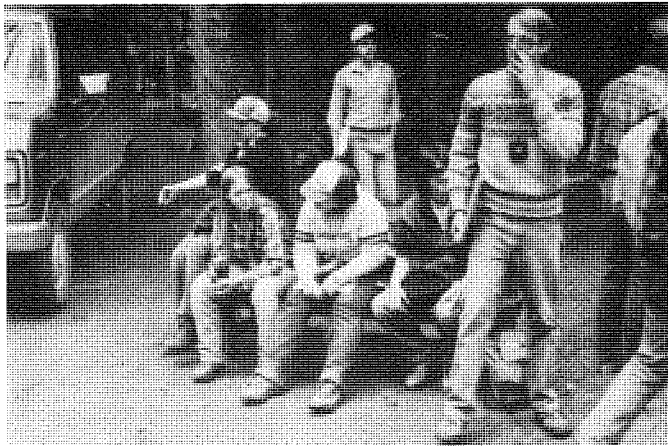




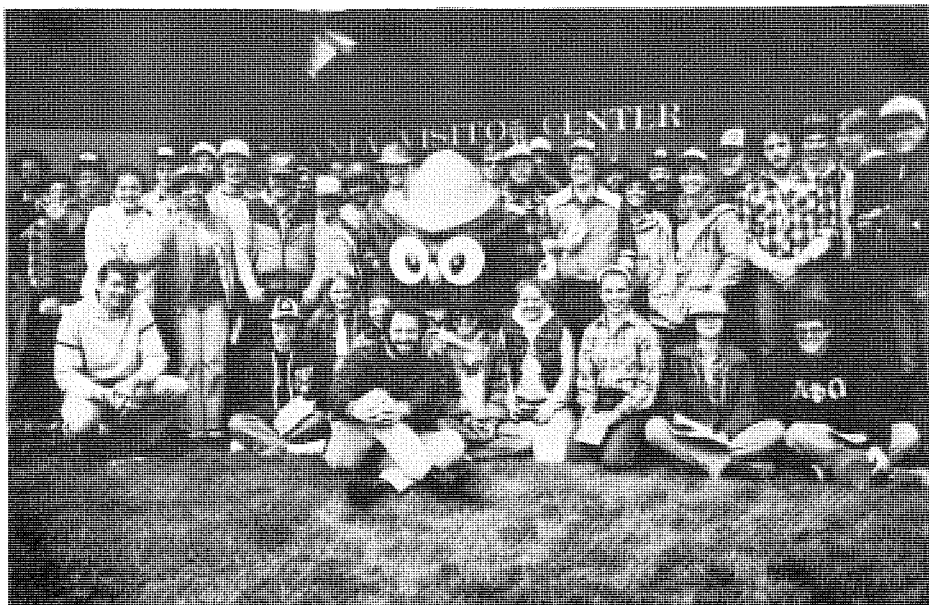
"How could one man be so lucky?"



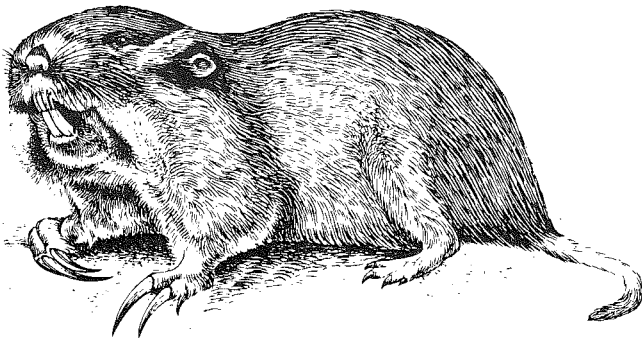
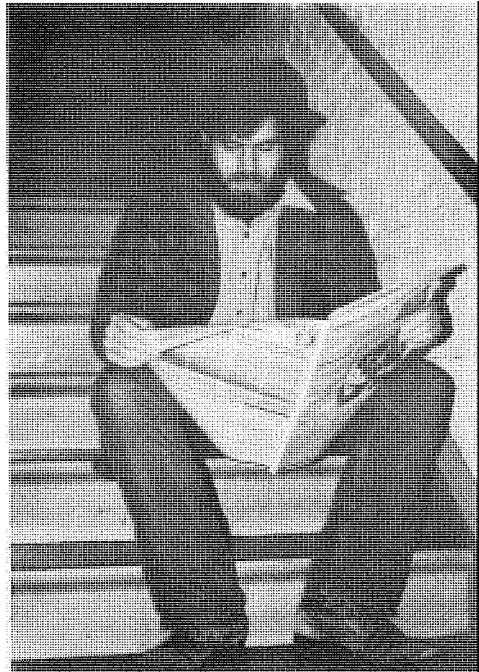
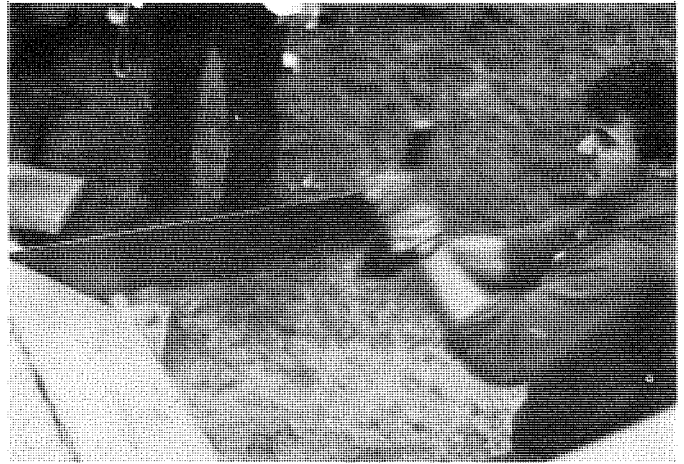
OOPS! I thought I could get back to camp



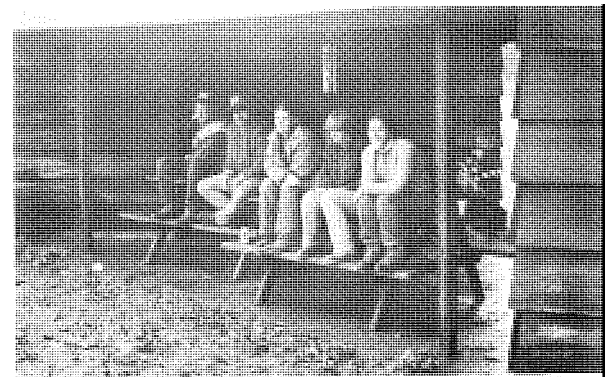
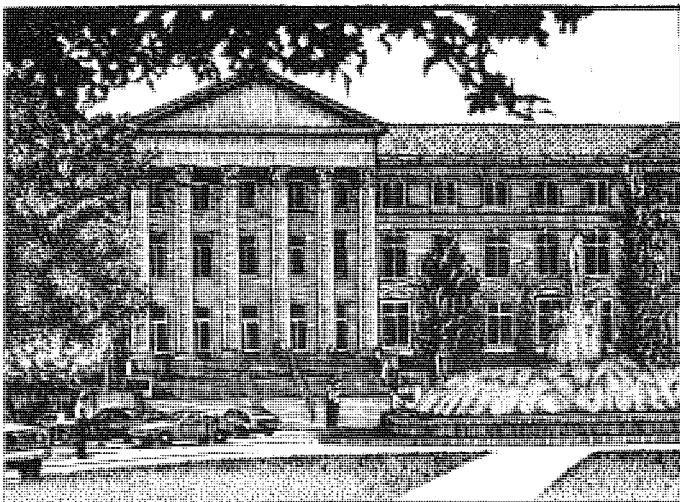
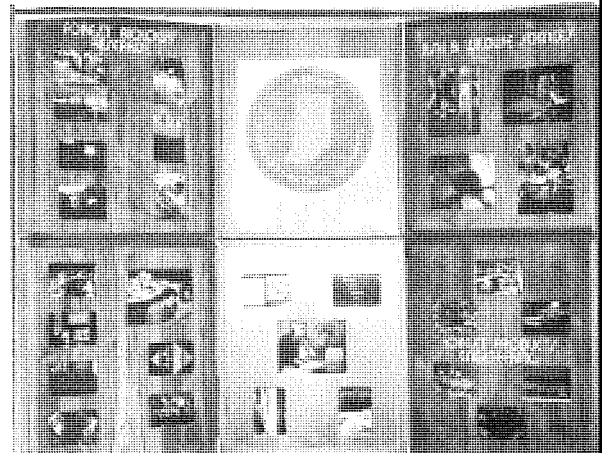
- Raring for another day -



Woodsy says, isn't the north **woods** great!



## People & Places



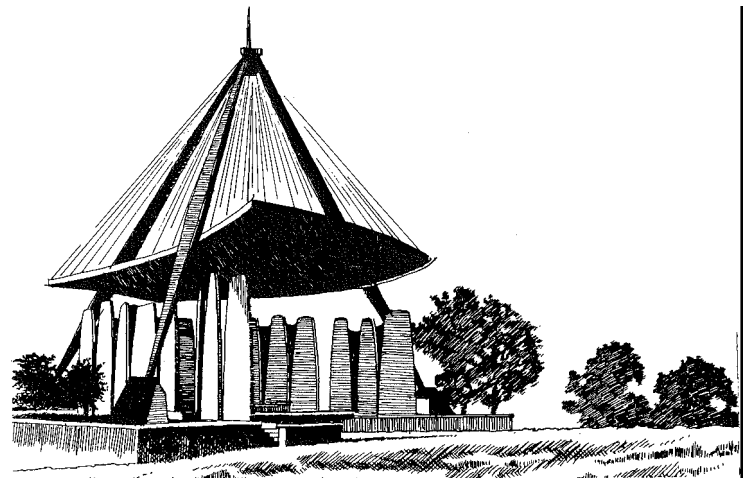
### Oh To Die with My Boots On

I want the path of the wilderness  
To feel the bottom of my shoes  
The forest can absorb my being  
The difference between us we will lose.

In my heart I will grow tall  
With roots like the towering pines  
I will radiate with a gentle warmth  
As the sun, I will bring the light that  
shines.

Somehow I will brush against your spirit  
Nonchalantly like the leaves fluttering  
in the sky  
You cannot get too close to the sparrow  
She is so very cautious, just as I.

-- Kathy Smith --





# International Forestry At Purdue

by

Bill Lambert



Dr. Knudson is where? Professor of Forestry, Dr. Douglas Knudson is in the Dominican Republic as the team leader for a Wood Fuel Research and Development Project funded by the Agency for International Development. This two year project deals with plantation establishment and native forest management for fuel wood production and with the conversion of wood to charcoal.

The Dominican Republic is located to the east of Cuba, next to Haiti. The island is about one-half the size of Indiana, but has about as many people. The similarity, however, stops there. The sunny beaches are at sea level while the interior may be as high as 10,000 feet. A big problem in the Dominican Republic, as one may guess, is excessive erosion.

The Dominican's poor timber supply and erosion problems prompted the government to prohibit all logging in 1967. Virtually all of the country's wood resources are imported, along with petroleum fuel. Since 85% of domestic fuel used is charcoal, much of the imported wood goes toward charcoal production at a great cost to the government. The President of the Dominican Republic proclaimed 1983 to be "The Year of the Tree" in an effort to help encourage domestic wood production to reduce costs and dependency on imports. This is where Purdue comes in.

Several professors in the Forestry Department, one in Agronomy, and one in Agricultural Engineering are consultants to the Dominican Republic to help the country solve its fuel wood crisis. Specifically, the group has three objectives:

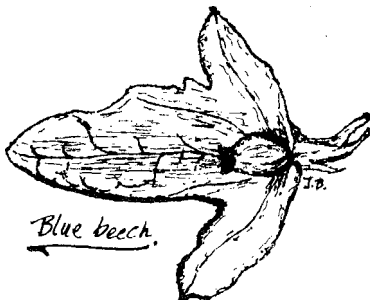
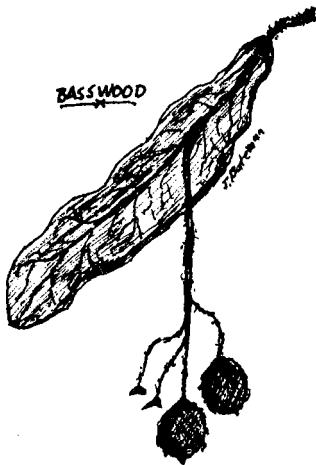
1. To **assist** in developing nurseries and establishing plantations for fuel wood production;
2. to develop efficient ways of changing wood to charcoal; and
3. to train people from the Dominican to supervise and maintain fuel wood production after Purdue's work is finished,

The people to be trained are from the Superior Institute of Agriculture in Santiago, the Energy Commission of the Dominican Republic, and the Dominican Republic Forest Service. Eight trainees from these agencies came to Purdue in October for a short course in Forest Management,

Purdue was granted a two year, \$700,000 grant by the Agency for International Development over several other universities. A deciding factor that helped Purdue acquire the grant was Dr. Knudson. Several years ago he helped to establish the Forestry Program at the University of Vicosa in Brazil. Today, the University of Vicosa is recognized by many as the World's authority on charcoal production.

Dr. Knudson's role is to coordinate activities in the Dominican with recommendations from the Purdue faculty. The professors here at Purdue who are involved are Drs. Beineke, Byrnes, Carter, Chaney, Gibson, Holt, Mcfee, Parker, Pope, and Yoho. They will be visiting the Dominican as their expertise is needed and make recommendations about research and implementation of the project.

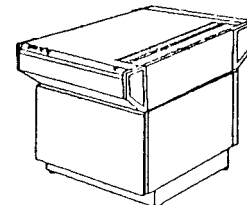
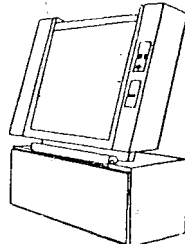
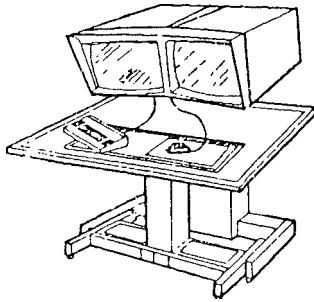
The outcome of the project may very likely benefit the Dominican Republic's economy in the future. We students are fortunate to observe international forestry at Purdue.



# Requiem For The Bull Whacker

by

John Moser and Paul Sherwood



Technology. Forestry has always been an industry at the forefront of technology; always implementing newer and more modern methods and equipment in order to reduce the cost of growing, cutting, and hauling trees out of the woods and processing logs for the marketplace. But technology hasn't **al ways** been **well** received by woods workers and timber beasties. In fact, the introduction of new technology into the woods has sometimes led to both anger and fear on the part of seasoned loggers and foresters.

Take the case of Dan McNeil **who** was a veteran Bull Whacker in the cathedral Douglas fir country of the Northwest in the late 1800<sup>1</sup>s. Dan and his ox teams had skidded thousands of logs out of the woods over the years, and it was claimed that his curses and bullwhip could make the woods ring. Then along came an invention by a man named John Dolbeer that was to change everything for ol 1Dan. The Dolbeer Donkey Engine, which was essentially just an adaptation of the steam engine for logging purposes, could skid logs out of the woods a hundred times faster than Dan's bulls, and it spelled the end of a way of life for Dan McNeil and other tried and true wood veterans. Alone one night in the bunkhouse, Dan penned this requiem:

Then I was king of the whole woods-crew,  
and I ruled with an iron grip;  
And never a slob on the whole dam job  
dared give me any lip.  
But **now**, alas, my days are past;  
there's no job for me here.  
My bulls are killed and my place is filled  
by a donkey engineer.  
Instead of my stately team of bulls  
all stepping along so fine,  
A greasy old engine toots and coughs  
and hauls in the turn **with** a line.

Sod eh? Well, so much for Dan 1  
Here in the Purdue Department of Forestry, **we're** not afraid of technology like Ol<sup>1</sup> Dan. In fact, **we've** had a hand in developing some of the most modern technology and techniques used in

forestry today. And that's why we are very proud of our newest addition to the technological tools available to us for teaching and research.

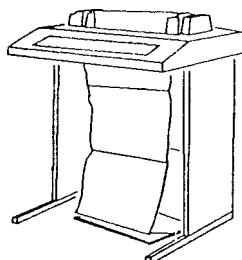
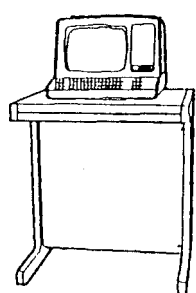
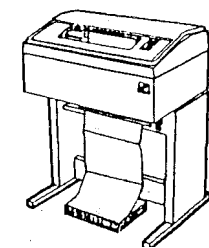
In spring 1984, the Department of Forestry and Natural Resources **will** be installing an Intergraph System. This system combines the latest graphics and database technology **with** a general-purpose computer system.

The components of the system include a VAX 751 minicomputer, a high performance dual-screen color graphics workstation, a Hewlett-Packard 8-pen color plotter, a 300 megabyte disk drive, and the Interactive Graphics Design System (IGDS) and Data Management Retrieval System (DMRS) software. The VAX computer was donated to the Department by the Intergraph Corporation.

The two major software packages, IGDS and DMRS, form the operating nucleus of the Intergraph System. IGDS provides a full set of preprogrammed design and drafting tools for cartography **and** geographic information processing as **well** as for engineering design problems. DMRS provides the means to manage nongraphical information. While these packages are independent, they are functionally linked to support bi-directional queries. For example, a forester may prepare a geographic representation of a management district while simultaneously linking budgeting and descriptive data. Or, the forester may query the data base for tracts that satisfy a set of management criteria and obtain a corresponding map for each tract.

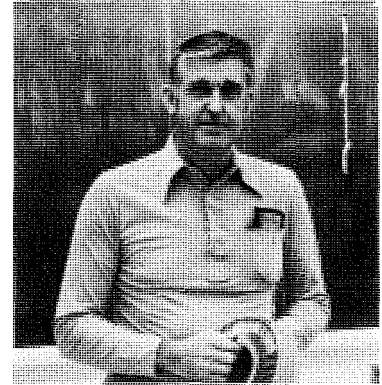
At the present time, Purdue's Department of Forestry and Natural Resources **will** be the only forestry program with an INTERGRAPH System available for use in its teaching and research programs. This is an important first for the Department since several of the major forest **industries** have also chosen INTERGRAPH as the basis for their geographical information systems.

Ol<sup>1</sup> Dan McNeil probably wouldn't appreciate this electronic, silicon-chip addition to woods technology, but here at Purdue, we welcome the chance to take the bull by the horns and bring on the donkey!



## Dr. Russell Mumford

Let me take you on a guided tour by way of the Forest Products Building. As you enter the front doors follow the hallway until you reach the staircase, proceed up the creaky old steps and turn to the left at the top, stop in front of the second door on your right. The nameplate outside the room has a list of those who dwell within. The first name listed is Russell Mumford. It is then that you enter that door and proceed to the door on the extreme right. Behind this door is a room filled **with** books, artifacts from various countries and most importantly the man whom you have come to talk with, Dr. Mumford. Mind you, he will only be there if he is not teaching ornithology or mammalogy, and if indeed he is in, he **will** be **working** meticulously on some aspect of his soon-to-be-published book, **of Indiana**. Let me now introduce you to the **main** character, Dr. Russell Mumford.



Russell E. Mumford was born in the **town** of Casey, Illinois. When he was old enough to enter the social activities of boyhood his favorite pastime was to hunt for bird nests and their contents. He acquired a collection of bird eggs **which** was developed to compete **with** friends.

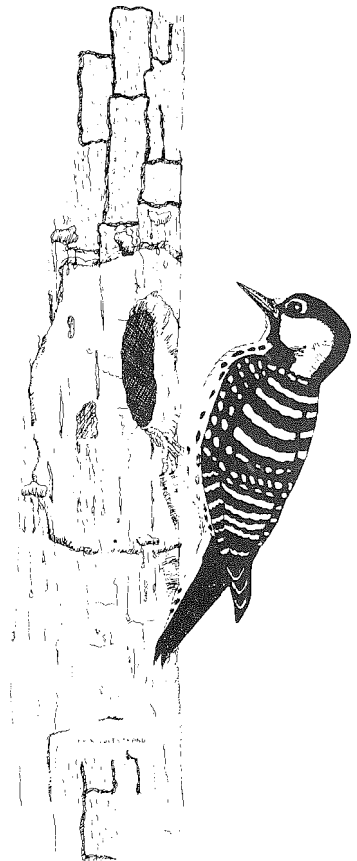
When it was time to leave the nest, so to speak, Russell came to Purdue and entered the Forestry Department where he earned his BSF in 1948. He then **worked** for the Indiana Department of Natural Resources as a research biologist from 1948-1950. While there he conducted research on **waterfowl** and prairie chickens. Russell then headed for Florida to **work** for the Florida Audubon Society from 1950-1951. His position was to travel to four different high schools and teach a science course. In 1952 he came back to Purdue to get his Master's in Wildlife. He returned to IDNR as a research biologist dealing **with** ruffed grouse and prairie chickens from 1952-1955. Then another change was in order. He enrolled at the University of Michigan to **work** on a doctorate in Ornithology. This took him from 1955-1958. In 1958 he became an instructor at Purdue **while working** on a second doctorate in Wildlife, **which** he received in 1961. He has been here at Purdue ever since.

Dr. Mumford has had the grand opportunity to do quite a great deal of traveling through his connections **with** Purdue and the Smithsonian. In 1963 he **went** to Kenya, Africa to collect bats for the Smithsonian. He again traveled to Kenya in 1967 and 1975 to conduct research and attend the International Bat meetings. In 1967 he also became a guest teacher for six months at the University of Pretoria in South Africa. He taught Wildlife Ecology and Wildlife Techniques. He has traveled to Brazil on four separate excursions in 1966, 1971, 1973, and 1975. In 1966 he again conducted bat research for the Smithsonian. In 1971 and 1973 he went in conjunction with U.S. AID, a government project dealing with agricultural development. This was handled through Purdue. Then in 1975 he went to the area referred to as Mato Grosso with a team to pick the future site for the Pantanal National Park, which is an area quite similar to the Everglades and about the size of Indiana. When I asked him about his most interesting encounter with wild animals while he was camping abroad, he remembered a couple of different times in Kenya when the camp was asleep and a group of lions came to investigate, and another time when a herd of zebras passed through.

Russell has not traveled for some time now because he has directed his energies toward his writing. His first book, Mammals of Indiana, came out in 1982. He, in conjunction **with** John Whitaker from Indiana State University, put together a historical **view** of mammals of Indiana from field research done from 1947 to present. To give an idea of the energy expended toward the production of this book, they worked from 1974 until 1982. Russ is currently working on a second book, of Indiana. The co-author is Charles Keller, an employee of Eli Lilly in Indianapolis. Both of these gentlemen have been avid birders for the past 40 years. The illustrations are being painted by Mr. William Zirmnerman, a nationally known **wildlife** artist. The book contains historical information, the current status, habitat and distribution, migration ranges and times, and range maps for the birds of Indiana. The target date for the completion of the book is December 1984.

As if this is not enough, Russ keeps himself busy doing pen and ink **drawings**, carving duck decoys, fishing, hunting and attending auctions for antique fishing lures.

Dr. Mumford, thank you for your many contributions to Purdue University and to us, the students.



# What's in a Name

by

Jeff Miller

Two years ago I was lucky enough to stumble into a job **with** the IDNR. It **wasn't** one of those **with** the euphemistic name like 'river specialist' or 'biologist aide'. I doubt if there was any name for it at the time, but it was probably one of the best summer jobs a person could have.

Caretakers is about the only way to describe it, because my main job was getting the **newly** acquired Knop Lake fishing area cleaned up and ready for the DNR board of directors meeting. Along **with** this, the river specialist for the Wildcat Creek and I **were** supposed to lend each other a hand whenever it was needed. These two duties may not sound very exciting, they didn't to me, but I gained a surprising amount of knowledge and experience from them.

The job came **with** a pick-up truck, tractor and assorted tools, and of course the truck and tractor arrived **a week** after I had already started working. That was the first thing I learned about government jobs, paperwork delays everything. The second thing I learned was that everything requires paperwork! However, after those two lessons I picked up on the other quickly.

Of course the job had plenty of pleasant aspects to it. Being able to **work without** constant supervision was one of them. This all **owed a** lot of freedom to use my own judgment. It also forced me to be creative at times; If I didn't have **what** I needed I either found it or improvised.

Then there **were** all of the small challenges that **went with** the job; how to break-up logjams without getting hurt, finding out how many tires could be stacked in a canoe before it capsized, or seeing how high tree limbs and brush

could be stacked in the back of a pick-up truck. Also, since I was able to get the job last summer too, I learned from a **wise** old river specialist, how to create a media event from practically nothing.

I **know** that this job might not sound all that great, but if you like watching great blue herons, talking to old fishermen, and getting paid to go canoeing; it's not bad. To me, at least, it would be very hard to find a better summer job, so I guess I'll keep on applying for this one as caretaker.



# Dr. Michael Hunt

by Sherry Gwin

Dr. Hunt was born and raised in Louisville, Kentucky; **H.F.** Degree from Duke (1958) and PhD from North Carolina State in 197&. It wasn't until he went to Duke that interest in a career in forest products was sparked.

Dr/. Hunt came to Purdue in 1960 after working for the Singer Company in South Carolina and Arkansas. His responsibilities when first starting at Purdue, included wood utilization extension. He was like a bridge between campus research and the industrial sector. As time went on Dr. Hunt became more involved with research while maintaining his extension activities. Now he is involved in teaching, research, extension and administrative duties.

His area of specialty is reconstituted wood products. Briefly, this involves reducing unmerchantable wood, possibly in the form of residue, into discrete elements (such as flakes or strands) and reconstituting these elements into high valued products.

A goal he would like to achieve here at Purdue is an improvement for the wood Research Lab. Such an improvement includes an all wood addition on the back of the Forest Product Building.

All in all, coming to Purdue without long-term expectations he's not doing to bad. He has gone from working exclusively in extension to involvement in all aspects of the university.

Indiana produces some of the finest hardwoods in the world; walnut, maple, red oak, white oak, cherry, tulip poplar, etc.

Indiana has over 400 sawmills producing about 178 million board feet of lumber and other wood products annually.

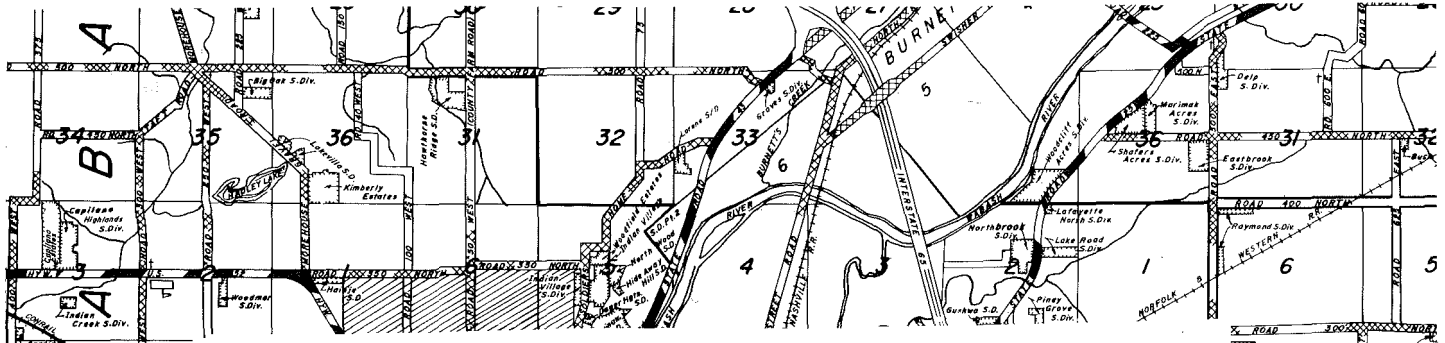


## Wood Research

wood research got a big shot in the arm around the time of **W.W.** II. There was interest in the use of wood and wood-base materials as replacements for metals which were critical to the war effort. Research at Purdue during the war began **with** drying studies of walnut for gun stocks.

At this time there were two faculty persons. Now there are six people on the staff. These include professors: Carl Eckelman (teaching); Daniel Cassens (extension); William Hoover (teaching); John Senft (teaching and co-op); Stanley Suddarth (research) and Michael Hunt (teaching, research, extension and administrative).

The Wood Research Lab is involved in **wood** processing, research, engineering application of wood and wood base materials and forest engineering. The facility occupies most of the floor space in the Forest Products Building.



## Forestry Where People Live

by  
Scott Jamieson

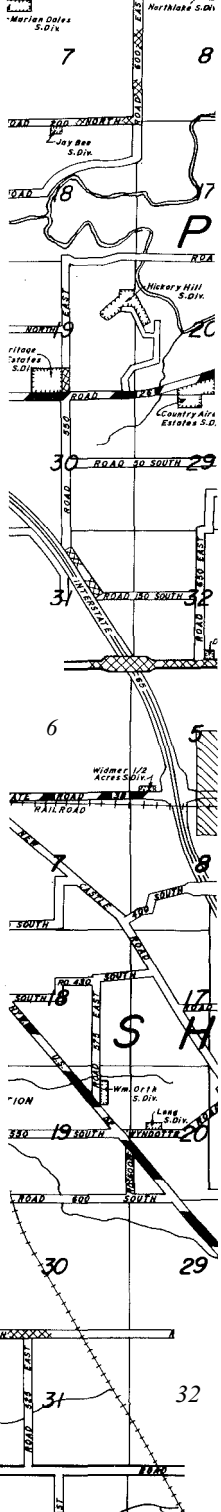
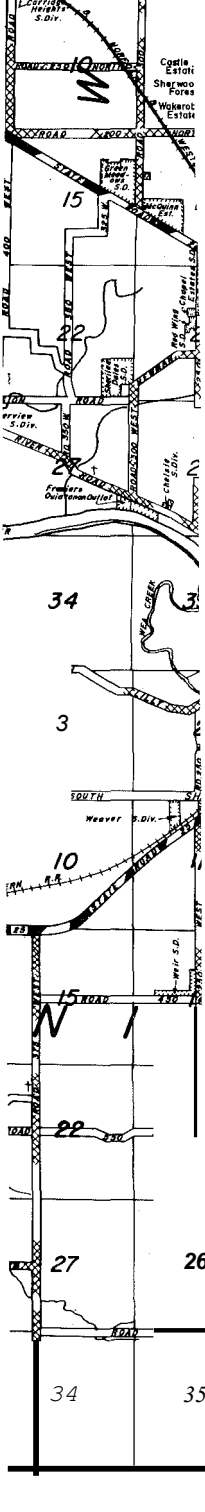
"Forestry where people live" is probably the best way to define urban forestry in one breath. The important word in the phrase is people, and "people" is what urban forestry is all about. Eighty percent of all Americans live in urban areas, and with this figure rising the need for management of the urban forest grows. Most large cities and many smaller towns have realized this need and are trying to keep the green space in balance **with** the steel and concrete expansions of the city. The urban forester plays a key role in the fight for green space **within** cities through management of streetside trees, trees in city parks, and trees planted in the heart of busy shopping districts.

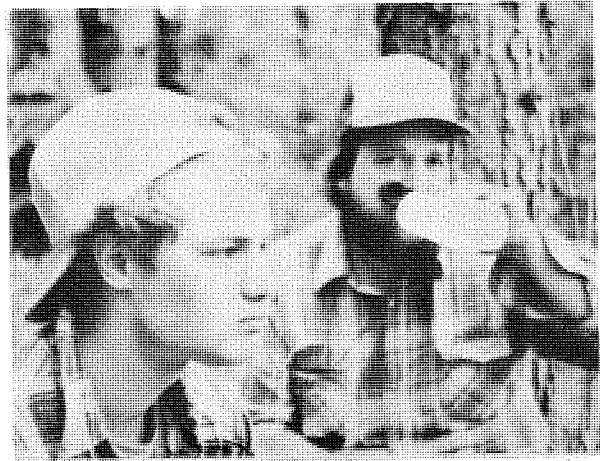
Management of the urban forest is no easy task as trees are forced to **grow** under some of the most adverse conditions. Pollution, vandalism, compact and poisoned soil, and a restricted root space are only a few of the problems trees face in an urban environment. But management of the urban forest is essential as trees cool city temperatures, direct and block **wind** patterns, reduce the noises of the city, shade urban dwellers from glares, enhance architectural achievements, and have a profound positive effect on the psychological well-being of urban dwellers. By counter-acting the adverse conditions that trees face in the city, the urban forester tries to maintain a constant canopy over an area where people work, shop, and live.

The Urban Forestry option in Purdue's Forest Resources program is the most over-looked by prospective foresters. Students, deciding on **what** option to study, shun the "urban" prefix since **working** in a city is the farthest thing from their park ranger minds. The fact that many foresters from Purdue have found themselves in urban forestry-related jobs does not **sway** many people **toward** choosing the urban option. Three students have graduated in Urban Forestry in the past two years, and one will graduate in the option this year.

Although not emphasized in the past, the Urban Forestry option has been rejuvenated **with** the addition of Tree Physiology, Arboriculture, and Forest **Weed** Control courses. Other courses required in the option include **Woody** Ornamental Pl ants, Landscape Maintenance, Diseases of Ornamental Pl ants, and Urban Forestry Administration. With a commitment from Purdue's fine Management/Products-oriented Forestry Department, the Urban option **will grow** as the demand for urban foresters increases.

Jobs for urban foresters are found in both the private and public sectors. The current curriculum allows graduates to seek employment **with** landscape firms, tree care services, or city, county, and state agencies. Starting salaries for an urban forester can range from \$15,000 to \$20,000.







**SENIORS**

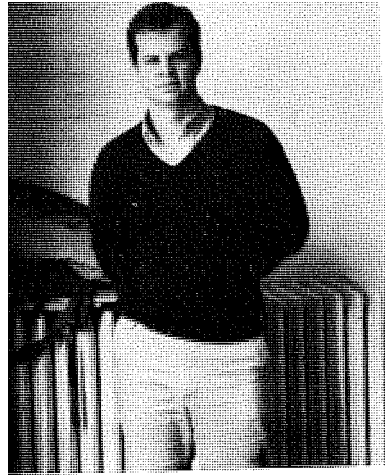
F. H. MONTAGUE, JR.





**JAMES BATEMAN**

JAMES BATEMAN  
Forest Products



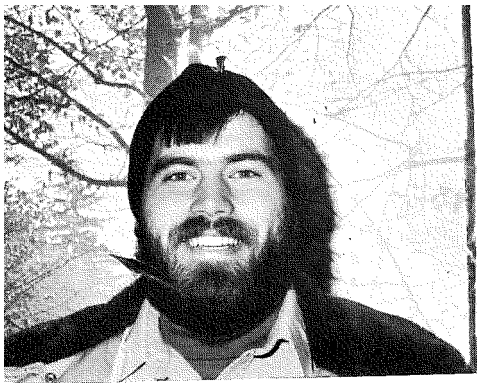
**KEVIN DERHEIMER**

KEVIN DERHEIMER  
Forest Management



**TONI ROGERS**

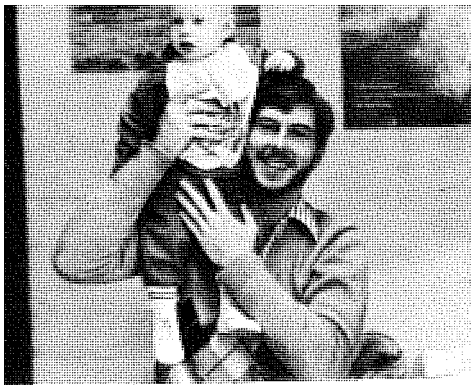
Wildlife Management



**STEVEN EBBERT**  
Wildlife Management



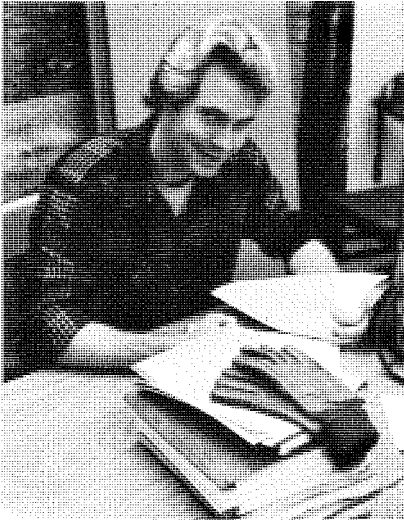
**KAREN DELONG**  
Forest Recreation



**JOHN SCHLEUDER**  
Forest Products



**SHERRY GWIN**  
Wildlife Management



JOHN EASLEY  
Wildlife Management



GREGORY KUNTZ  
Forest Products



JE NE YOU"3  
Forest Products



STEVEN GOODWIN  
Forest Management



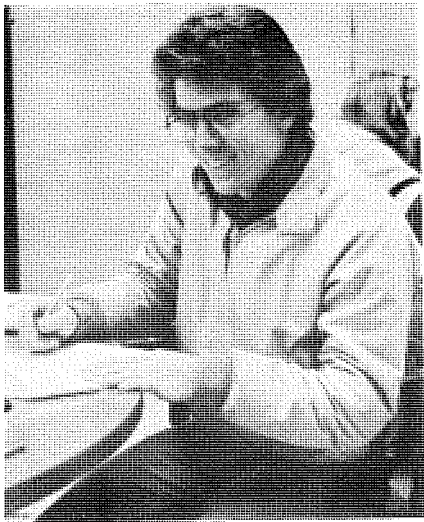
KIMBERLY CLAY  
Wildlife Management



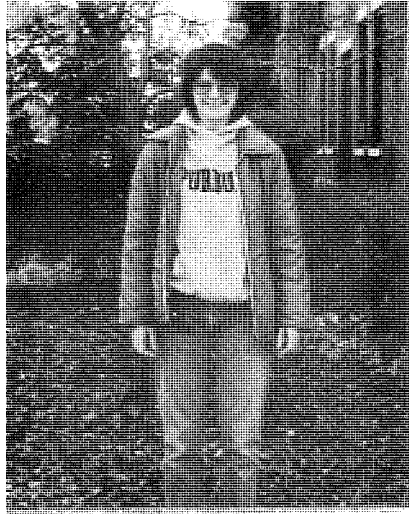
ARTHUR D. LAPADAT  
Forest Management



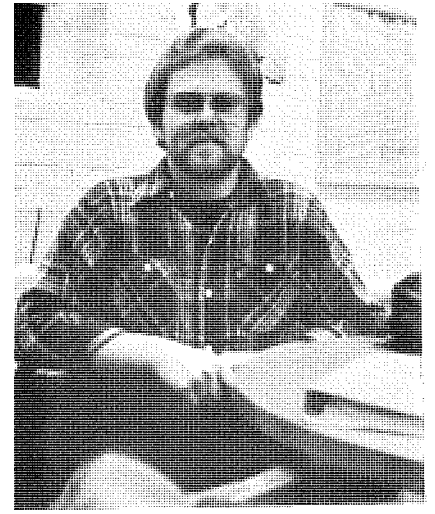
DRU DENNISON  
Forest Management



JORY LYONS  
Forest Management



Judith Brown  
Forest Recreation



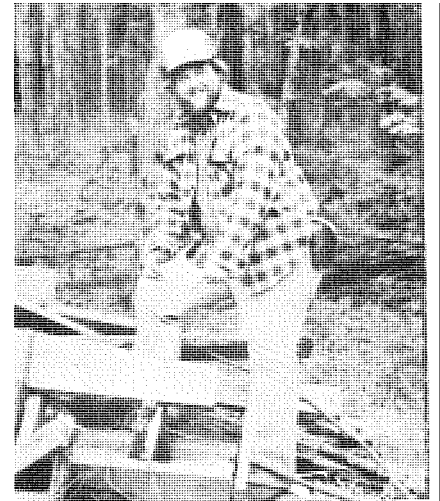
DEREK VANNICE  
Forest Management



ELIZABETH MICKLER  
Wildlife Management



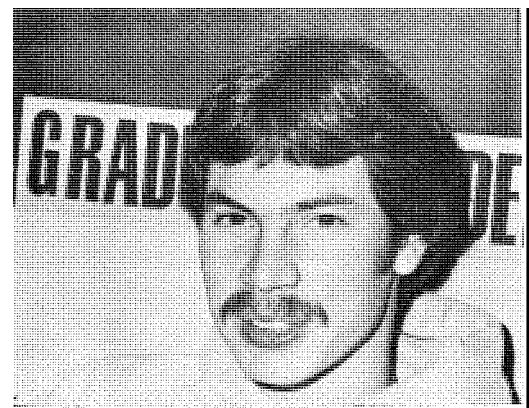
PAUL SHERWOOD  
Forest Management



DENNIS GORDON  
Wildlife Management



JEANNE GOLDING  
Wildlife Management



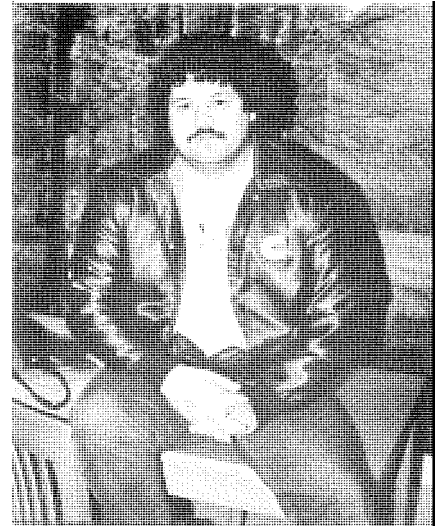
STEVEN SISCOE  
Wildlife Management



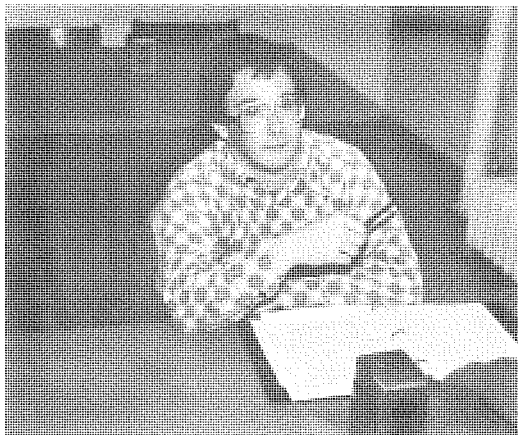
PAMELA MORGAN  
Wildlife Management



CHRISTOPHER GOUDREAU  
Wildlife Management



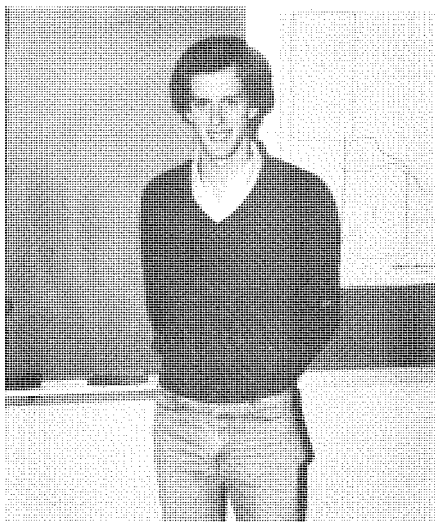
DENNIS WAGGONER  
Forest Recreation



JAMES BERGAN  
Wildlife Management



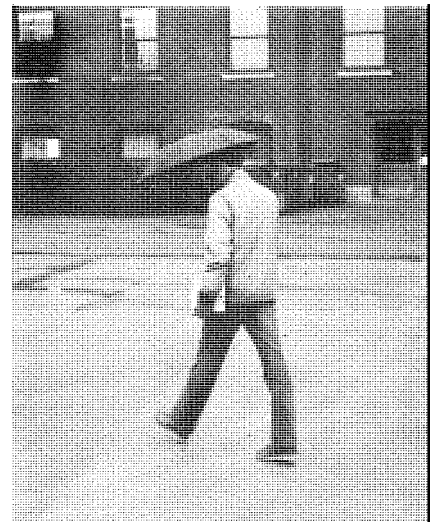
JOHN KERSHAW  
Forest Management



SCOTT JAMIESON  
Urban Forestry



DIANNA HARTWELL  
Forest Management



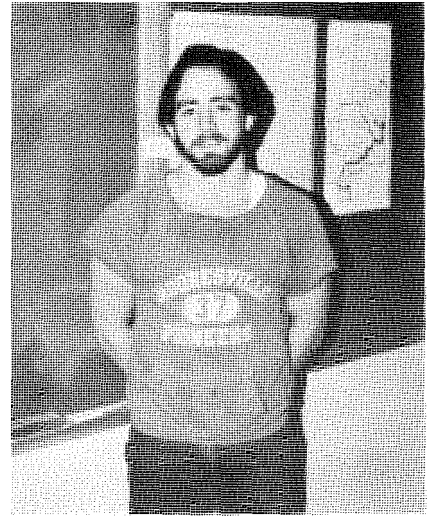
PHILIP JAYKO  
Forest Management



**CHARLENE HANNAH**  
Wildlife Management



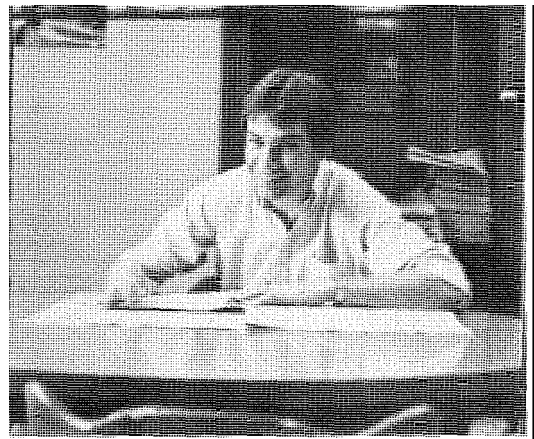
**MICHAEL WEZET**  
Forest Products



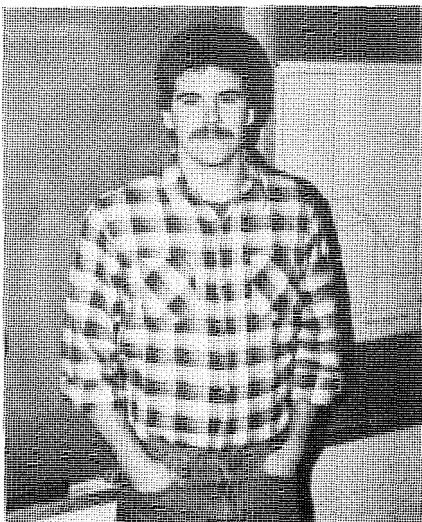
**RUSSEL BURKE**  
Forest Products



**GUIFFRE KILGREN**  
Forest Management



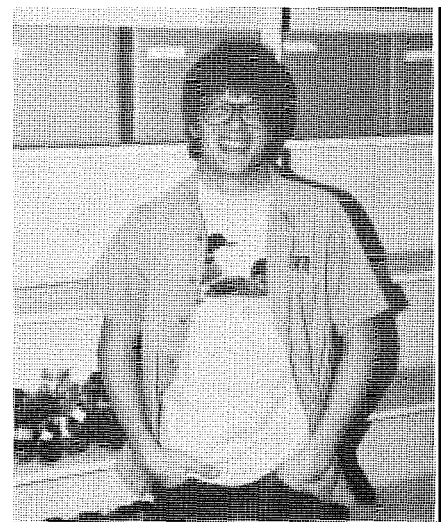
**ANTHONY GROSSMAN**  
Forest Management



**TREY CLARK**  
Forest Products



**WILLJILI LAMBERT**  
Forest Management



**JEFF GERBRACHT**  
Wildlife Management



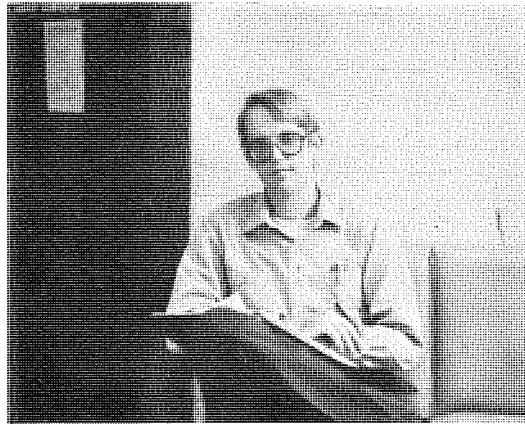
R. DOUGLAS BROWN  
Forest Management



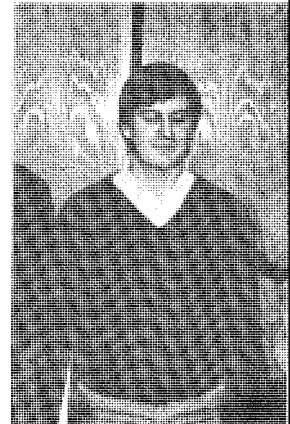
LOUISE PUETZ  
Forest Management



Kirk Sobecki  
Forest Management



JOHN KOESTLER  
Forest Management

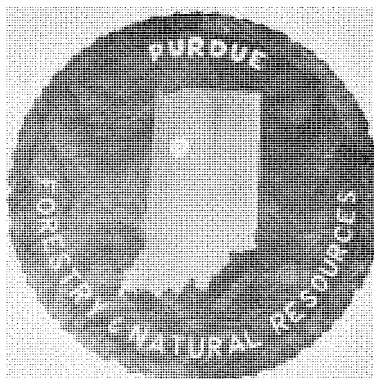


DANIEL PHILLIPS  
Forest Management

BARTH'S DISTINCTION

There are two types of people: those  
who divide people into two types,  
and those who don't.

LORA JOHNSON  
Recreation Resources



JOHN HORNEMAN  
Forest Products

## Seniors (1983-84)

Bateman, James H,  
R.R. #1, Box 122  
Morristown, IN 46161

Bergan, James F.  
422 Marquette Trail  
Michigan City, IN 46360

Brown, Judith K.L.  
1020 Evergreen Lane  
South Bend, IN 46619

Brown, Richard Douglas  
1728 North 24th Street  
Terre Haute, IN 47804

Burke, Russel L.  
281 Smokey Row Road  
Mooresville, IN 46158

Clark, Trey A.  
2410 Jefferson Street  
Terre Haute, IN 47802

Clay, Kimberly Y.  
2576 Stardale Drive.  
Fort Wayne, IN 46816

Delong, Karen S.  
9621 Shelbyville Rd,  
Indianapolis, IN 46259

Dennison, Dru A.  
R.R. #2, Box 66 C-1  
Noblesville, IN 46060

Derheimer, Kevin M.  
5817 East Hills Drive  
Fort Wayne, IN 46804

Easley, John R.  
412 Mariway Rd.  
Indianapolis, IN 46205

Ebbert, Steven M.  
8613 Manderley  
Indianapolis, IN 46240

Gerbracht, Jeffrey A.  
R.R. #1  
Brook, IN 47922

Golding, Jeanne M.  
861 West Street  
Valparaiso, IN 46383

Goodwin, Steven S.  
1313 North Roseway Dr.  
Indianapolis, IN 46219

Gordon, Dennis E.  
8416 Cline Avenue  
Crown Point, IN 46307

Goudreau, Christopher  
645 7th Avenue  
New Hyde Park, NY 11040

Grossman, Anthony  
822 Sunset Drive  
Lawrenceburg, IN 47025

Gwin, Sherry M.  
IN Veterans H001e  
Lafayette, IN 47901

Hannah, Charlene S.  
P.O. Box 453  
Hobbs, IN 46047

Hartwell, Dianna L.  
R.R. #3  
Osgood, IN 47037

Jamieson, Scott A.  
7600 Juniper Street  
Gary, IN 46403

Jayko, Philip C.  
105 East Mills Avenue  
Wyoming, OH 45215

Kershaw, John A.  
267 Sunset Lane  
Mooresville, IN 46158

Kilgren, Guiffre J.  
2010 Lawson Road  
Marion, IN 46952

Koestler, John D.  
6816 Kanata Court  
Fort Wayne, IN 46815

Kuntz, Gregory L.  
562 Church Avenue  
Jasper, IN 47546

Lambert, William D.  
423 West Wildwood Avenue  
Fort Wayne, IN 46807

Lyons, Jory C.  
4416 East 13th Avenue  
Gary, IN 46403

Mickler, Elizabeth A.  
730 South Short  
Indianapolis, IN 46239

Morgan, Pamela J.  
1527 Audubon Avenue  
Rochester, IN 46975

Phillips, Daniel B.  
R.R. #4, Emery Road  
Fulton, NY 13069

Rogers, Toni L.  
402 Oxford Drive  
Noblesville, IN 46060

Sherwood, Paul T.  
141-14 Airport Road  
West Lafayette, IN 47906

Siscoe, Steven R.  
6339 North Starnes Road  
Gosport, IN 47433

Sobecki, Kirk A.  
1440 Marblehead Street  
Mishawaka, IN 46544

Vannice, Derek L.  
R.R. #1 Box 286A  
Sullivan, IL 61951

Waggoner, Dennis M.  
710 East 7th Street  
Seymour, IN 47274

Wezet, Michael A,  
2807 East Chestnut  
Evansville, IN 47714

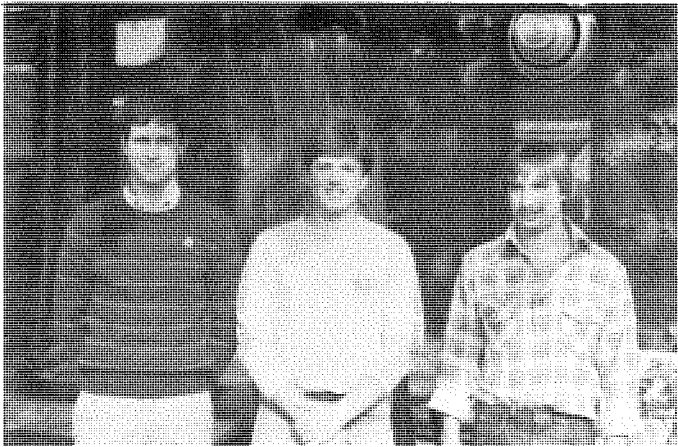
Young, Jeanne M.  
653 West Ford Street  
Lima, OH 45801

Lapadat, Arthur D.  
5225 Woodside Dr.  
Indianapolis, IN 46208

Schleuder, John S.  
2120 Alexandria Pike  
Anderson, IN 46012



# JUNIORS



WENDELL ROSS    MIKE QUINLAN  
WALLY DANT



DAN DRISCOLL    DAVID GEORGE  
CHERYL SPENNER



DAVID **LEEDY**    LAURIE **ALLEN**  
BRAD **ALLEN**



DAVE WAGNER    CHRIS KOKOJAN  
DWAYNE ROBINSON



DAVE APSLEY    BRIAN GANDY  
ANNE SHAFER



KEN WILLIAMS    LENNY FARLEE  
KELSIE HARMON





DEBBIE ARTHUR    CHRIS CZAZASTY  
MELANIE FULLMAN



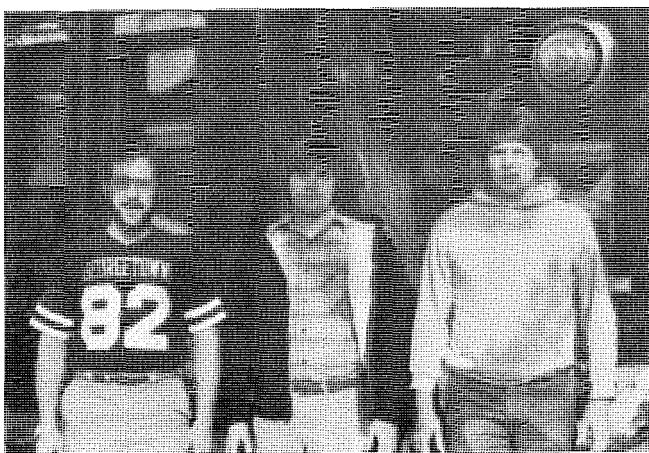
GINGER MAY    DARLENE LESER  
CARLA CHESTERSON



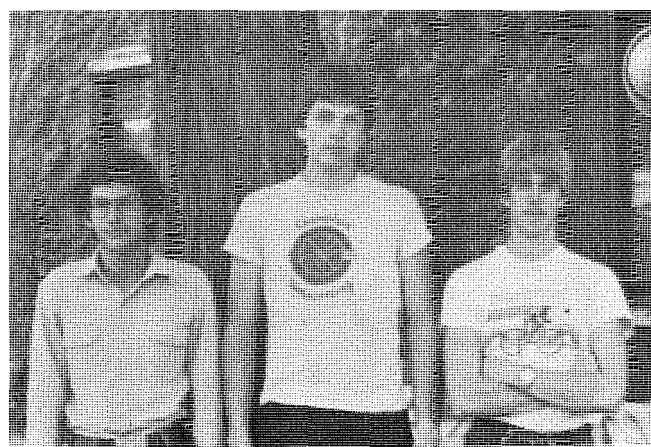
LINDA BARIL    JAMIE MCDONAGH  
TERRI STRICKLAND



STEVE KRECIK    TIM LEOSCH  
CHRIS EGOLF

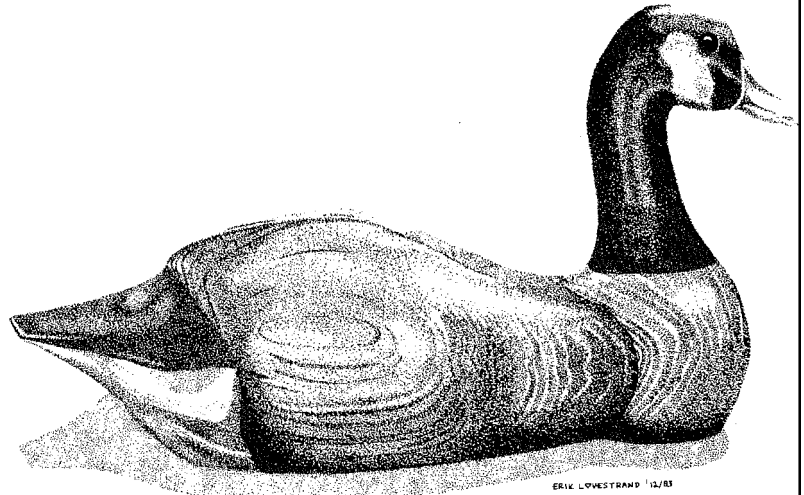


DEAN RODRIGUEZ    BOB DODDRIDGE  
GEORGE HUTTON



ANDY SIPOCZ    JOE HINES  
WALT CHOMENTOWSKI

# SOPHOMORE



# FRESHMEN

## FRESHMEN



*"Man is the only animal that laughs and weeps; for he is the only animal that is struck by the difference between what things are and what they might have been."*

*-William Hazlitt-*

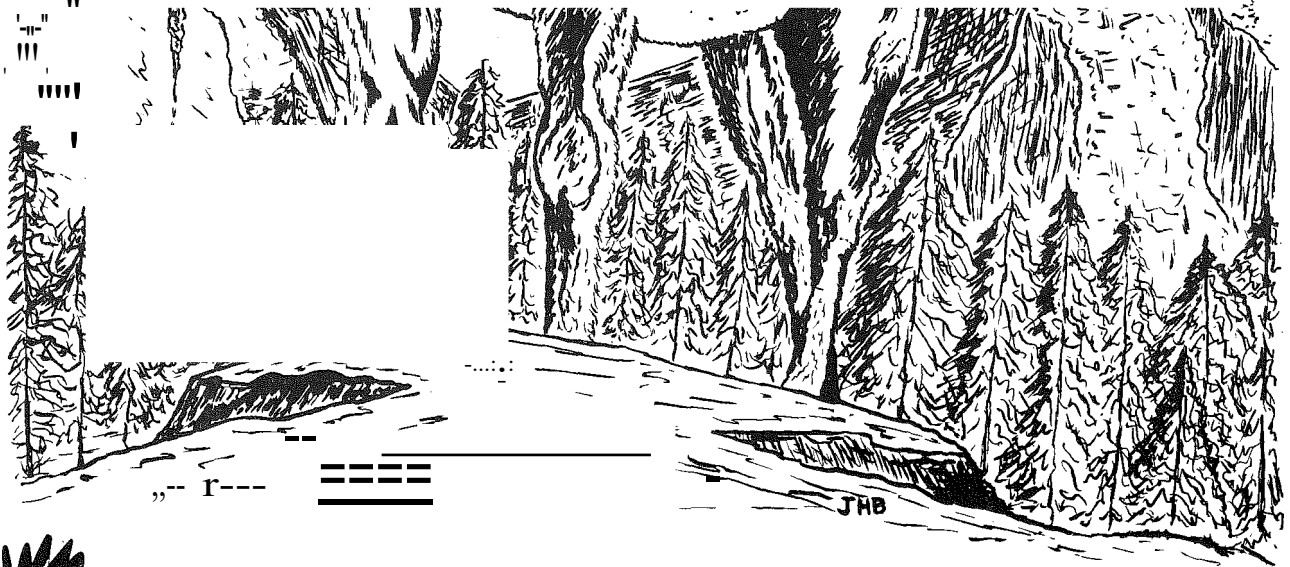


*"A new degree is taken in scholarship as soon as a man has learned to read in the woods as well as he reads in the study."*

*-Ralph Waldo Emerson-*



# FACULTY



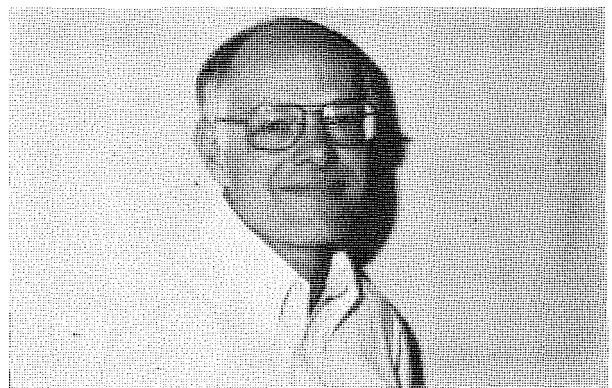


**MASON C. CARTER**

ORIGINALLY FROM: Alexandria, Virginia  
CURRENT AREA OF RESEARCH: Finding new sources of funds, jobs for graduates, outstanding students, outstanding faculty  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Research in silviculture; specifically, plantation establishment.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Fighting forest fires in the fall of 1953.  
ADVICE TO TODAY'S UNDERGRADS: You will find a rewarding career in forestry if you persist and prepare yourself well.

**WALTER f, BEINEKE**

ORIGINALLY FROM: Indianapolis, Indiana  
CURRENT AREA OF RESEARCH: Genetic improvement of black walnut  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Patenting 9 superior black walnut clones - the first timber trees ever granted patents.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: The last forestry summer camp at Henryville with Charlie. They had to upgrade the place after we left to make a prison out of it.  
ADVICE TO TODAY'S UNDERGRADS: Take advantage of all your coursework and contacts with faculty - you never **know when** in the future it **will** come in handy.



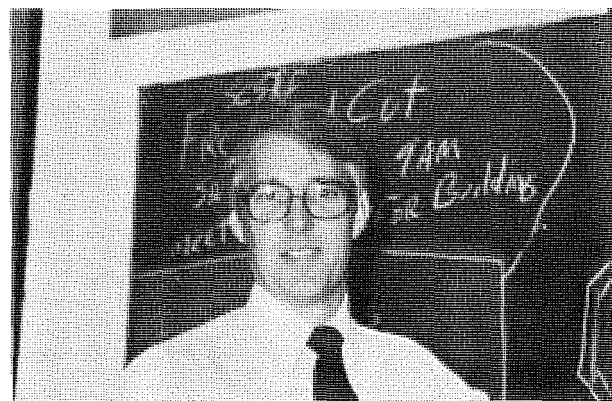
**WILLIAM R. <DICK> BYRNES**

ORIGINALLY FROM: Pennsylvania (The Keystone State)  
CURRENT AREA OF RESEARCH: Forest soils, oak regeneration, land reclamation  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: In research - long-term studies in forest and industrial vegetation management, land restoration. In education - training of professionals.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Being lost in a **swamp** at summer camp in the Allegheny National Forest.  
ADVICE TO TODAY'S UNDERGRADS: "Think Positive" and "Be Prepared".



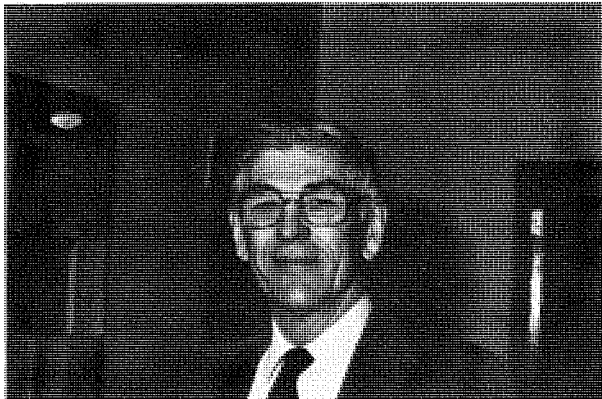
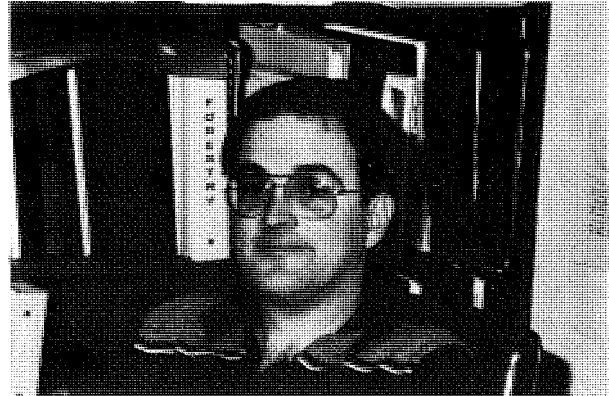
**WILLIAM R. CHANEY**

ORIGINALLY FROM: Texas  
CURRENT AREA OF RESEARCH: Physiological processes of mycorrhizal trees  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Hopefully, development in forestry students of a persistent interest in the structure and physiological ecology of trees.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Teaching my first dendrology course as a new faculty member. I had taken dendrology many years before, but **with** the help of Walt Beineke I managed to stay a **week** ahead of the students.



BURNELL C. FISCHER

ORIGINALLY FROM: Hammond, Indiana  
CURRENT AREA OF RESEARCH: Silviculture -  
upland hardwood stand development  
and management  
MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Unknown at present!  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
Purdue Forestry Summer Camp at Lost  
Lake.  
ADVICE TO TODAY'S UNDERGRADS: Work  
harder!



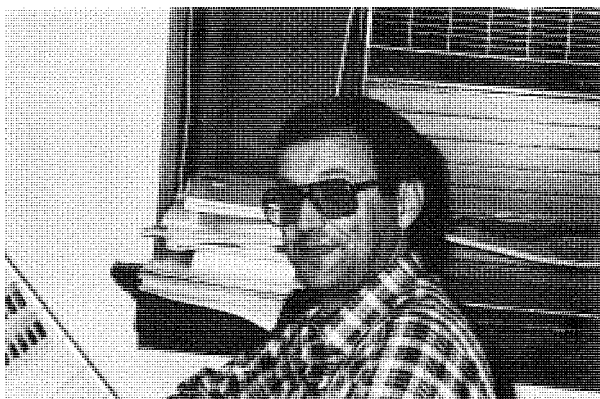
CLAIR MERRITT

ORIGINALLY FROM: Michigan  
CURRENT AREA OF RESEARCH: Regeneration  
of white oak  
MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Contributing to the professional  
and (hopefully) personal developme t  
of hundreds of young aspiring  
foresters.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
Meeting my future wife certainly rates  
without doubt as number 1.  
ADVICE TO TODAY'S UNDERGRADS: The same  
advice as given by coach John Wooden:  
"Success is peace of mind, the direct  
result of self-satisfaction in knowing  
you did your best to become the best  
you're capable of becoming."



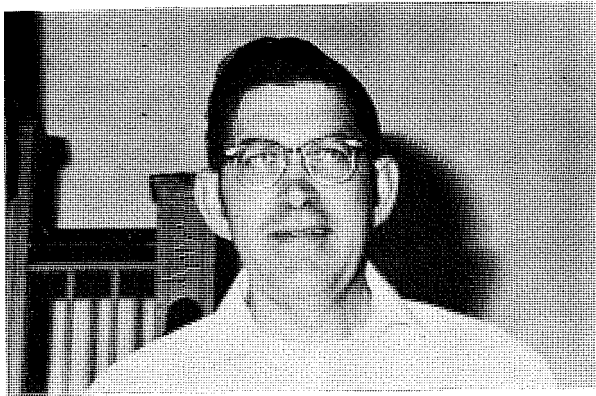
GEORGE R. PARKER

ORIGINALLY FROM: Sand Springs, Oklahoma  
CURRENT AREA OF RESEARCH: Forest ecology  
MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Interaction **with** students.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
Summer Camp near Ely, Minnesota.  
ADVICE TO TODAY'S UNDERGRADS: Be active  
in non-academic professional  
activities,



PHILLIP E. POPE

ORIGINALLY FROM: Suffolk, Virginia  
CURRENT AREA OF RESEARCH: Forest soils  
and hardwood regeneration **with**  
particular effort on mycorrhizal  
interactions  
MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Demonstrating the feasibility  
of growing short rotation,  
intensively cultured forest planta-  
tions in the Mid-west.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
Hiking a 70 mile segment of the  
Appalachian Trail.  
ADVICE TO TODAY'S UNDERGRADS: Be  
persistent.



THOMAS W. BEERS

ORIGINALLY FROM: Greensburg, Pennsylvania  
CURRENT AREA OF RESEACH: Forest measurements and the application of programmable calculators to forestry problems  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: (1) Books, manuals and bulletins dealing with the application of point and line sampling, and (2) recent efforts and publications urging the adoption of programmable calculators by the forestry profession.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: This question is too tough!  
ADVICE TO TODAY'S UNDERGRADS: Approach each course as a learning experience rather than a stumbling block,

JOHN C. CJACK> CALLAHAN

ORIGINALLY FROM: Happy Jack, Arizona  
CURRENT AREA OF RESEARCH: The hardwood veneer industry  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Raising the blinds for over 2,000 students  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Enlisting in the U.S. Army when a sophomore forestry student at Michigan State University in 1942.  
ADVICE TO TODAY'S UNDERGRADS: Purdue University can be compared to a fine symphony orchestra. Play your part with vigor and virtuosity in order to enjoy the richness of the university ensemble,

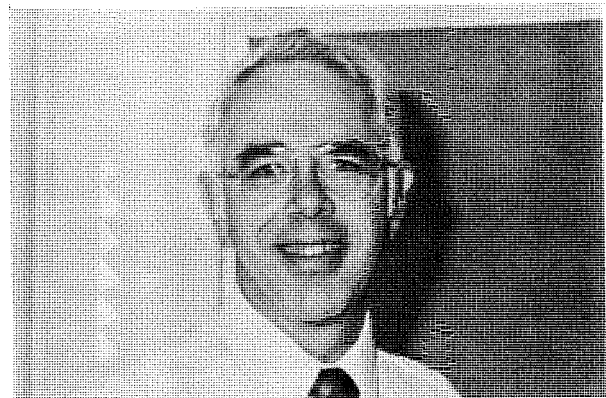


HARRY G. GIBSON

ORIGINALLY FROM: Morgantown, West Virginia  
CURRENT AREA OF RESEACH: Forest engineering  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Education of forest engineers!  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Graduating!  
ADVICE TO TODAY'S UNDERGRADS: Learn how to communicate.

ROGER M. HOFFER

ORIGINALLY FROM: Rogers City, Michigan  
CURRENT AREA OF RESEARCH: Remote sensing techniques for monitoring natural resources  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Development and evaluation of computer-aided analysis techniques for identifying and assessing forest cover characteristics.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Being Forestry Conclave representative for Michigan State University as the MSU Chopping Champion,  
ADVICE TO TODAY'S UNDERG S: Define your goals and objectives for life, and then be persistet and determined in pursuing these 9, ls.

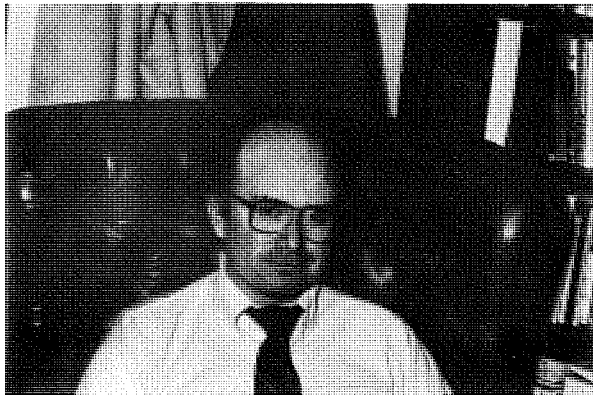
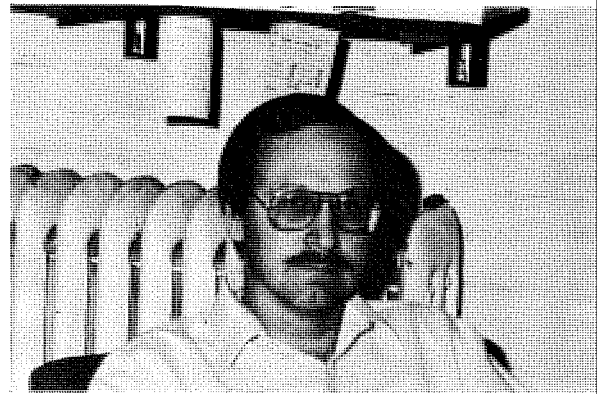


HARVEY A. HOLT

ORIGINALLY FROM: Oklahoma  
CURRENT AREA OF RESEARCH: Vegetation  
management

MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Proper herbicide use,  
MOST t-EMORABLE UNDERGRADUATE EXPERIENCE:  
Marking timber from horseback in New  
Mexico.

ADVICE TO TODAY'S UNDERGRADS: Eat a live  
toad in the morning and nothing  
**worse** can happen to you the rest of  
the day.



WILLIAM LEICHLITER HOOVER

ORIGINALLY FROM: California, Pennsylvania  
CURRENT AREA OF RESEARCH: Assessment of  
technological change, wood product  
development and marketing, investment  
strategies for individual and  
corporate timberland **owners**.

MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Highlighting the economic  
feasibility of timberland investments  
for individual **owners**.

MOST t-EMORABLE UNDERGRADUATE EXPERIENCE:  
A forest management course **where** the  
professor spent a substantial amount  
of time discussing philosophy and the  
World order.

ADVICE TO TODAY'S UNDERGRADS: Be  
aggressive,

JOHN W. MOSER, JR.

ORIGINALLY FROM: Hagerstown, Maryland  
CURRENT AREA OF RESEARCH: Biometrics and  
computer applications to forestry

MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Developed the methodology to  
apply current **growth** and yield  
techniques to uneven-aged stands,  
Developed computerized inventory  
systems that are widely used by many  
forestry organizations.

MOST t-EMORABLE UNDERGRADUATE EXPERIENCE:  
ADVICE TO TODAY'S UNDERGRADS:



JOSEPH T. O'LEARY

ORIGINALLY FROM: New York  
CURRENT AREA OF RESEARCH: Leisure and  
recreation behavior; social forestry

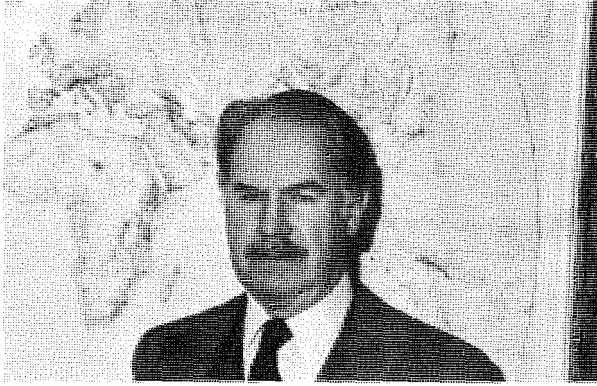
MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Becoming a social scientist  
MOST t-EMORABLE UNDERGRADUATE EXPERIENCE:

Flying in a **water** bomber to take  
action on my first forestry fire  
that turned out to be 40,000 acres.

ADVICE TO TODAY'S UNDERGRADS: **View** your  
life and career **always** as opportuni-  
ties to be pursued with energy and  
enthusiasm. It's best to "stay  
hungry" and avoid complacency,  
Remember -- Eye of the Tiger,







DOUGLAS C. ANDERSEN

ORIGINALLY FROM: Western Michigan (Tacoma)

CURRENT AREA OF RESEARCH: Wildlife communities

MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Helping to unravel the complexities of animal and plant assemblages

MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Realizing that, and understanding how, natural selection has produced virtually everything in the living world around us.

ADVICE TO TODAY'S UNDERGRADS: Cultivate as broad a perspective of your classes, your education, your profession and your life as possible.

JAMES G. YOHO

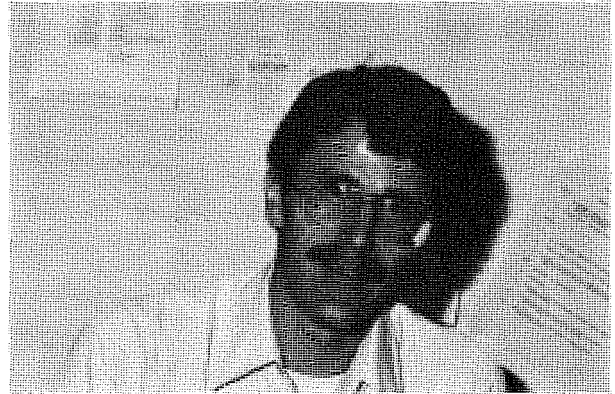
ORIGINALLY FROM: Pennsylvania via 15 states and a few (quite a few) places overseas

CURRENT AREA OF RESEARCH: International Trade in Forest Products -- particularly from the standpoint of public policy (multinational) and business strategy

MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Getting into business and economics as a graduate student which reslanted my career contribution to forestry

MOST MEMORABLE UNDERGRADUATE EXPERIENCE: All of those campus coeds!

ADVICE TO TODAY'S UNDERGRADS: In case of forest fire, run like heck and pray for rain.



GEORGE S. LIBEY

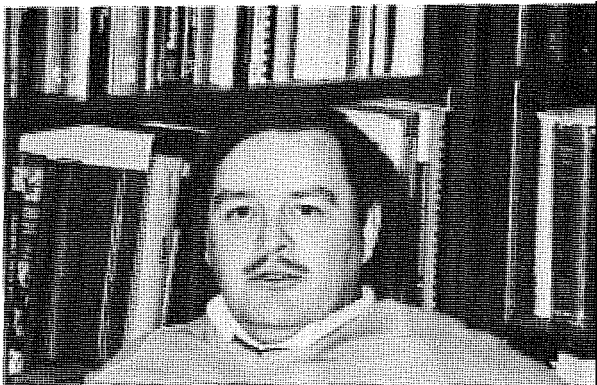
ORIGINALLY FROM: Pleasant Lake, Indiana

CURRENT AREA OF RESEARCH: Aquaculture

MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Patented Triploid Channel Catfish

MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Purdue's Rose Bowl trip (actually a year after I graduated).

ADVICE TO TODAY'S UNDERGRADS: Study and work hard, it will pay off in the long run.



HERBERT C. KRAUCH

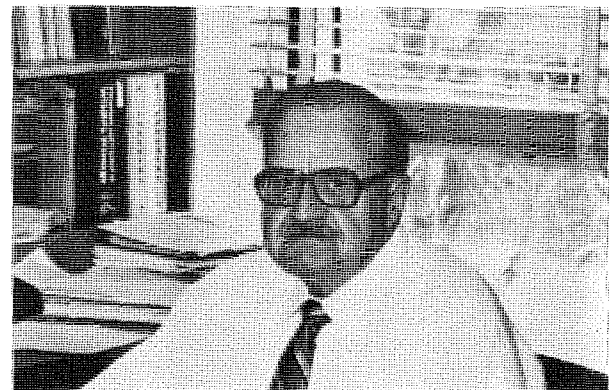
ORIGINALLY FROM: Indianapolis, Indiana

CURRENT AREA OF RESEARCH: None. 100% extension

MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: There is no single contribution but I have been a part of the developed forestry awareness that has become progressively stronger since the early 1950's.

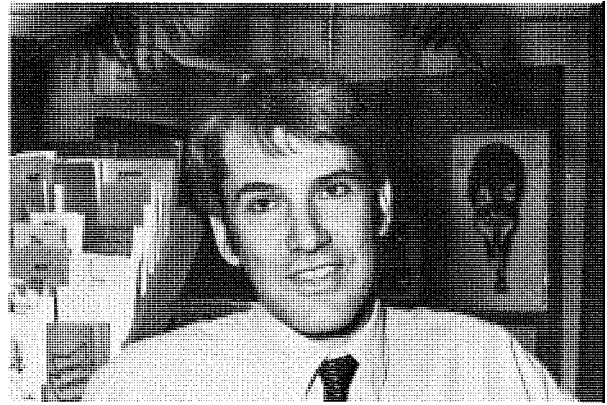
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Has to be summer camp. The students were mostly veterans of WW II and Charlie Miller fresh out of the Marine Corps tried to maintain some degree of discipline.

ADVICE TO TODAY'S UNDERGRADS: Know your user friendly computer.



FRED H. MONTAGUE, JR.

ORIGINALLY FROM: Lafayette, Indiana  
CURRENT RESEARCH INTERESTS: Parasitic diseases of wildlife; urban wildlife problems; natural resource education  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: This is a difficult question that requires a pretentious answer. I don't have one,  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: ..Being enrolled in GEOS 111 and having a good lab partner. A year later, after graduation, I married her.  
ADVICE TO TODAY'S UNDERGRADS: Pick an area (something you like to do and do well in) and then be the very best you can be.



HARMON P. WEEKS, JR.

ORIGINALLY FROM: Orangeburg, S. Carolina  
CURRENT AREA OF RESEARCH: Wildlife management, physiology, and nutrition  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY:  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
ADVICE TO TODAY'S UNDERGRADS: Do not ignore necessity to make good grades but also take every opportunity to do salaried or volunteer work in your chosen field - for the experience and for the job contacts you may make.

ANNE SPACIE

ORIGINALLY FROM: Boston, Massachusetts  
CURRENT AREA OF RESEARCH: Aquatic toxicology  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Development of a drug transport model for bioconcentration of pollutants in fish.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Meeting people who have remained friends over the years.  
ADVICE TO TODAY'S UNDERGRADS: Be more assertive in your courses, Ask questions, challenge the assumptions underlying the material being presented. That's how progress is made!



RUSSELL E. MUMFORD

ORIGINALLY FROM: Casey, Illinois  
CURRENT AREA OF RESEARCH: Birds of Indiana, Indiana mammals  
MOST SIGNIFICANT CONTRIBUTION TO FORESTRY: Switching to wildlife.  
MOST MEMORABLE UNDERGRADUATE EXPERIENCE: Summer camp.  
ADVICE TO TODAY'S UNDERGRADS: Learn to communicate.



MICHAEL O. HUNT

ORIGINALLY FROM: Louisville, Kentucky  
CURRENT AA.EA OF RESEAA.CH: Structural  
wood-base composite materials

MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY:

MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
Friendships.

ADVICE TO TODAY'S UNDERGRADS: Work hard  
and have fun.

CARL A ECKELMAN

ORIGINALLY FROM: Columbus, Indiana

CURRENT AA.EA OF RESEAA.CH:

MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY:

MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
Good friends.

ADVICE TO TODAY'S UNDERGRADS: Old  
Chinese Proverb: "Chance favors the  
prepared."



DANIELL, CASSENS

ORIGINALLY FROM: Dixon, Illinois

CURRENT AA.EA OF RESEAA.CH: Hardwood  
processing

MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Constructing log houses (it  
uses a lot of timber).

MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
Stumping the wood I.D. Professor  
with one piece of walnut sapwood,  
one piece of cherry sapwood, and one  
piece of apple carefully aged in a  
functional hog house. (He thought  
it had a distinctive taste and  
odor.)

ADVICE TO TODAY'S UNDERGRADS: Be  
serious.



JOHN F. SENFT

ORIGINALLY FROM: York, Pennsylvania

CURRENT AA.EA OF RESEAA.CH: Properties  
of plantation - grown species with  
emphasis on juvenile wood

MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Training what, I hope, are  
the professional leaders of  
tomorrow.

MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
A summer doing TSI in Vermont -  
showed me the value of being a wood  
tech.

ADVICE TO TODAY'S UNDERGRADS: Get some  
work experience - summer job, co-op,  
work for a researcher at Purdue,  
etc. Plan ahead for your career!



STANLEY K. SUDDARTH

ORIGINALLY FROM: Rhode Island  
CURRENT AREA OF RESEARCH: Wood  
Construction Engineering

MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: Computer system for wood  
truss design.

MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
Summer job in Cascades in state of  
Washington.

ADVICE TO TODAY'S UNDERGRADS: Take  
every opportunity to find out what  
graduates from forestry schools do,



## Welcome Dr. Mills

Dr. Walter L. Mills, Jr. has recently joined the Purdue Forestry faculty as Associate Professor, and he is currently involved with teaching FOR 408 (Forest Resources Management) to a group of very receptive Seniors, Dr. Mills originally came from Selma, Alabama, where he earned a B,S.F. from Auburn University in 1972. During his years as an undergraduate, he worked for the Hammermill Paper Company in Selma, and he also gained valuable experience by working for a local consulting forester who just happened to be his father,

During 1977-78, Dr. Mills was here at Purdue working in Extension Forestry. He has done research in the application of LANDSAT imagery to forest inventory problems, and he is currently interested in the development of economic models as applied to private forest ownership.

Dr. Mills enjoys sailboat racing in his spare time, and can sometimes be found tacking on Lake Freeman in his Flying Scott when weather permits, He also enjoys wood-working, and his favorite tree is yellow-poplar.



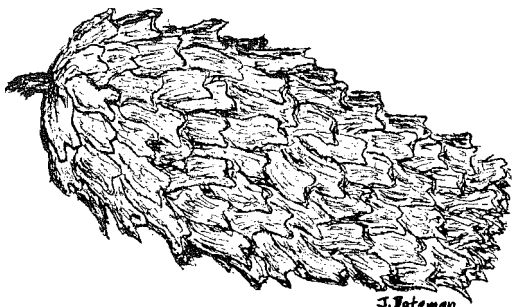
WALTER L. MILLS, JR.

ORIGINALLY FROM: Selma, Alabama  
CURRENT AREA OF RESEARCH: Financial  
analysis of forest management  
operations; determination of the  
factors influencing investment and  
management decisions made by rural  
landowners.

MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY: The introduction of portfolio  
analysis (risk-return tradeoffs) to  
forest investment evaluation.

MOST MEMORABLE UNDERGRADUATE EXPERIENCE1  
As I reflected on this question, the  
ost memorable experience was not a  
single event, but the many friend-  
ships developed during those years,

ADVICE TO TODAY'S UNDERGRADS: **Work** hard  
to make good grades; but, also,  
participate in other activities  
which **will** give you experience in  
working and dealing **with** people,



# Welcome Dr. Reisinger

Dr. T. W. Reisinger comes from Pennsylvania. He received his B.S. at Pennsylvania State University (1970). He then worked with several forest industries. He worked for the Koppers Company, Inc, as the plant manager for three sawmills in Kentucky, Illinois, and Vermont. He was later Timber Procurement Supervisor for the Industrial Wood and Pallet Company in northern Indiana and Ohio. Dr. Reisinger also taught in a forest technician program at Lancaster Community College (Virginia) for three years before going back to graduate school. He completed his M.S. (1981) and Ph.D. (1983) at Virginia Polytechnic Institute and State University. His current area of research is timber harvesting and industrial forestry operations. He is currently teaching Harvesting Forest Products (For 310) and Product Planning and Financial Control (For 506). His main reason for entering the forestry profession was because forestry encompasses such a **wide** variety of fields; the variety makes work in forestry very interesting. His main desire right now is to become familiar with Indiana, Purdue, and to get acquainted with forest industry personnel in the Central Hardwoods Region. His hobbies include tennis, squash, **snow** skiing, camping, and backpacking.

## THOMAS W. REISINGER

ORIGINALLY FROM: Pennsylvania

CURRENT AREA OF RESEARCH: Harvesting  
and industrial forestry operations

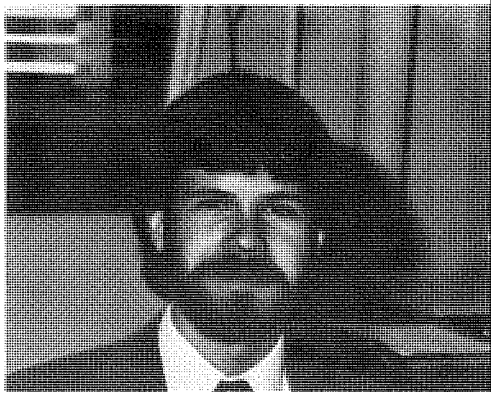
MOST SIGNIFICANT CONTRIBUTION TO  
FORESTRY:

MOST MEMORABLE UNDERGRADUATE EXPERIENCE:  
Tri-State field meets (with Penn  
State, Syracuse & West Virginia  
forestry schools).

ADVICE TO TODAY'S UNDERGRADS: Try to  
gain as much practical experience  
in forestry during summers, and  
include business-oriented electives  
in your program of study at the  
undergraduate level.



# STAFF



Kevin P. Green  
Business Administrator



Marian Peterson



Joyce Hiday



Helen Marack



Phyllis Bohart



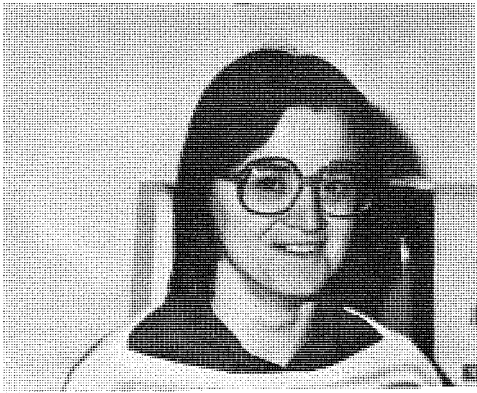
Sara Bass



Linda Hampton



Naomi Homan



Patty Karnehm



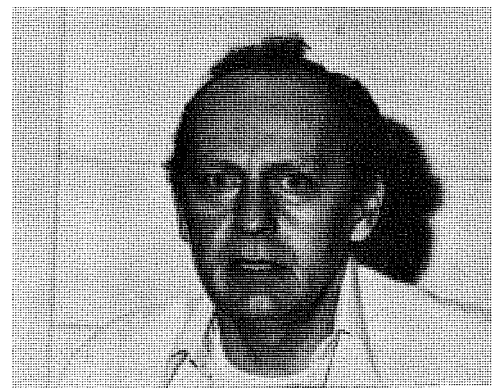
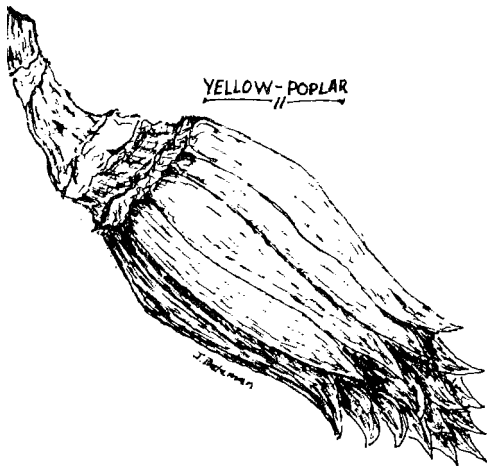
Oleta Swarm



Lulu Cole

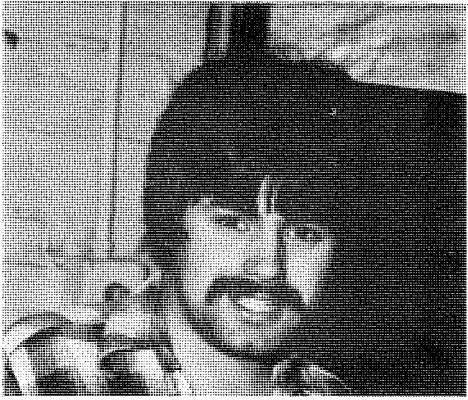


Barbara Brown

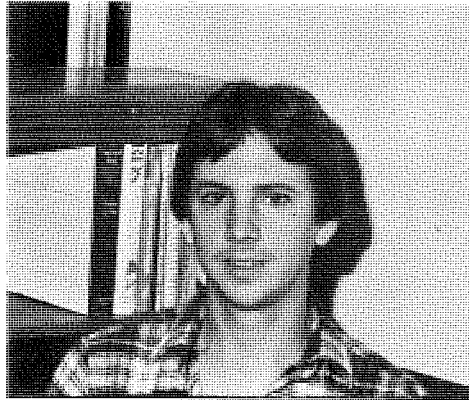


Vernon Sherry

# GRADUATE STUDENTS



NAME: Dan "Sparky" Sparks  
HOMETOWN: Mattoon, IL  
AREA OF INTEREST: B.S. Univ of WI, Stevens Pt. - Wildlife Mgmt and Biology. Currently working on M.S. (Wildlife Ecology).



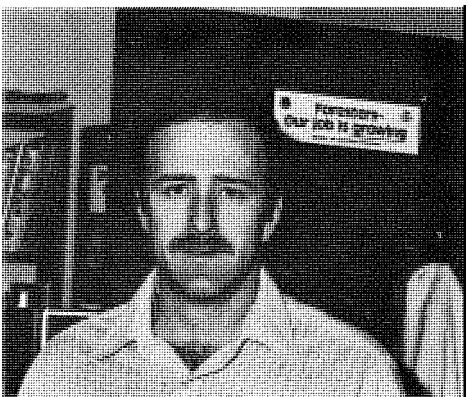
NAME: Erik Lovstrand  
HOMETOWN: Fla  
AREA OF INTEREST: Masters Conservation tillage and it's affect on wildlife.



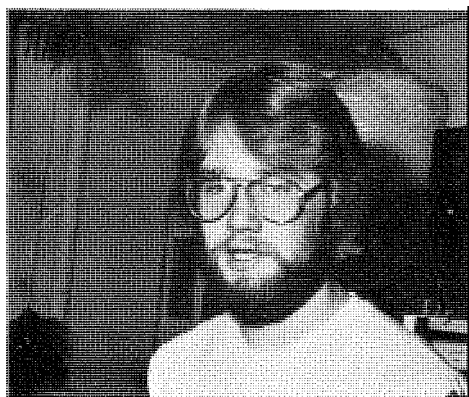
NAME: Gerry Simmons  
HOMETOWN: Texas, Austin  
AREA OF INTEREST: Ph.D. Forest Soils.-



NAME: Jean Behrens-Tepper  
HOMETOWN: Blauvelt, NY  
AREA OF INTEREST: MS in Wildlife Science. Specifically, human dimensions in wildlife management.

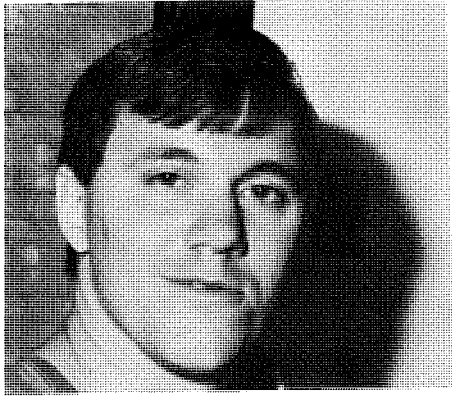


NAME: Richard M. Pace, III  
HOMETOWN: Albany, GA  
AREA OF INTEREST: B.S.F.R. Univ of GA - Wildlife Mgmt. M.S. Clemson Univ, S.C. - Forestry. Currently working on another M.S. (Applied Stats.) and a PhD (Wildlife Biology).



NAME: Tom Crowe  
HOMETOWN: South Bend  
AREA OF INTEREST: Has bachelors in forest management from Purdue. Earning masters in oak regeneration & seedling quality.





**NAME:** Matt Sauter  
**HOMETOWN:** Princeton, IN  
**AREA OF INTEREST:** Bachelor in forest-mgmt at Purdue. Earning masters in biometry, statistical analysis. Thesis on programmable calculators.



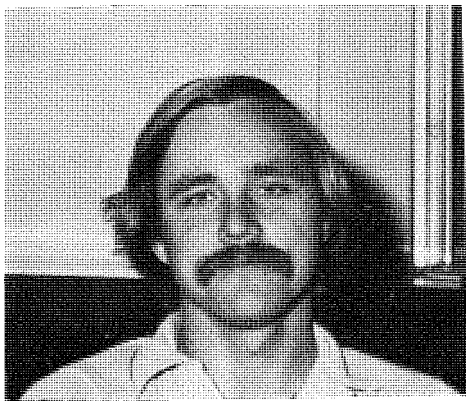
**NAME:** Rita Borges  
**HOMETOWN:** Brazil, S. America  
**AREA OF INTEREST:** PhD Tree Physi<sup>o</sup>logy.-----



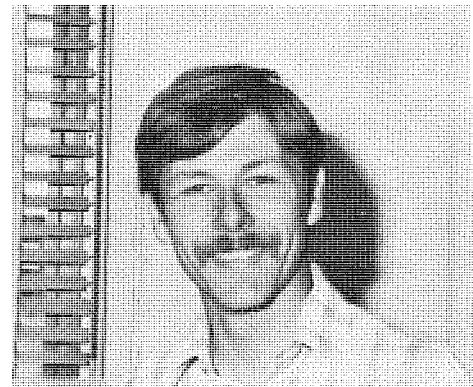
**NAME:** Don Leopold  
**HOMETOWN:** Ft Thomas in Northern KY  
**AREA OF INTEREST:** Bachelor and masters from U.K. Earning PhD in Forest Ecology.



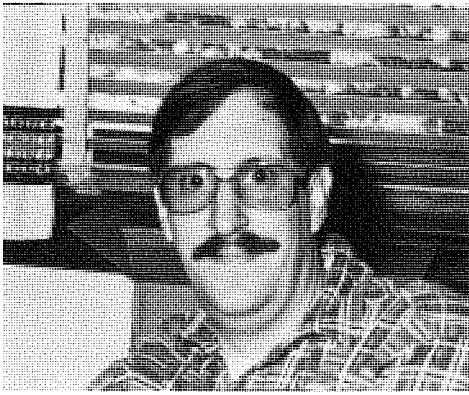
**NAME:** Rich McLaughlin  
**HOMETOWN:** Maryland  
**AREA OF INTEREST:** Bachelor from Virginia Tech in forest mgmt. Masters from Purdue in forest



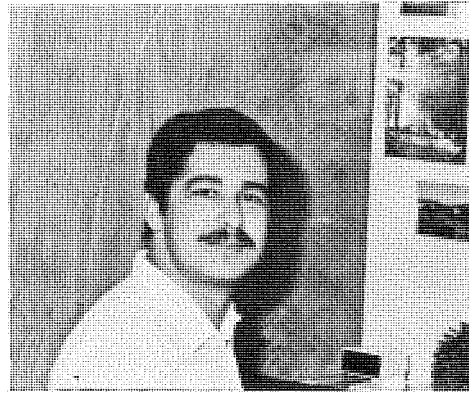
**NAME:** Ted Cable  
**HOMETOWN:** Coronado, CA; Lansing, Tr. Chicago area.  
**AREA OF INTEREST:** BS Un. of Il at Chicago - Biology. MS Purdue wildlife ecology with Mumford. Rails & coots. PhD Purdue - For Recr- Interp - Knudson. Eval. Canadian For. Serv.



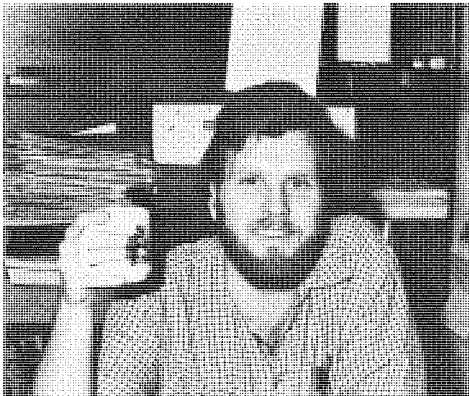
**NAME:** Steve Ford  
**HOMETOWN:** Born Arizona, raised in Terre Haute.  
**AREA OF INTEREST:** BS Indiana State -LifeSci. MA Indiana State vertebrate zoo. PhD Purdue wildilfe eco.-coyote.



NAME: Craig Davis  
HOMETOWN: Maine/Bloomsburg, PA  
AREA OF INTEREST: Bachelor in Engineering- from U. of MA. Earning masters & PhD in quantitative forest engineering.



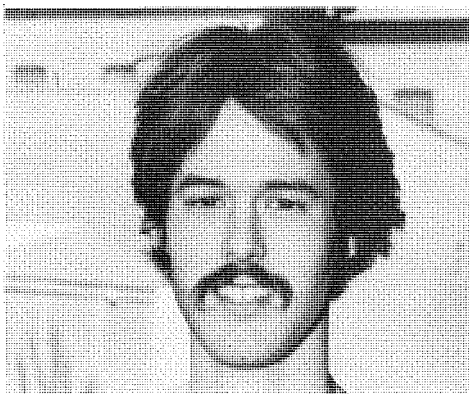
NAME: Eduardo Borges  
HOMETOWN: Brazil, South America  
AREA OF INTEREST: Has masters and bachelors from Brazil in Forest Science. Earning PhD in seed physiology.



NAME: Rob Reinsvold  
HOMETOWN: West  
AREA OF INTEREST: MS CO State in Btmy. PhD Purdue forest soil micro biology.



NAME: Bob Lattanzi  
HOMETOWN: Evertt, Mass  
AREA OF INTEREST: Combo of Engineering and Forestry.



NAME: Jeff Welty  
HOMETOWN: Indianapolis  
AREA OF INTEREST: Bachelor in forest-mgmt from Purdue. Earning masters in computer science application thesis on Computer Graphics Timber Market Simulator as an education & training device.



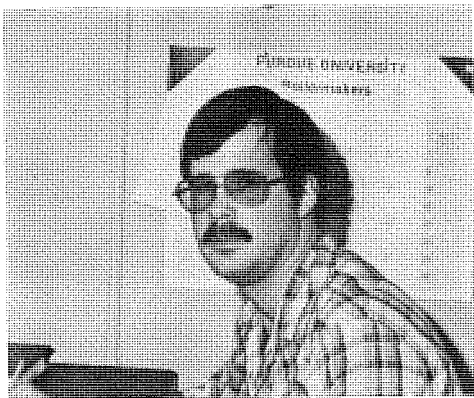
NAME: Gary E. Miller  
HOMETOWN: Middlebury, IN  
AREA OF INTEREST: M.S. (completed here at Purdue) designed and evaluated an intensive fish culture system incorporating bio-filtration. Ph.D. (in progress)



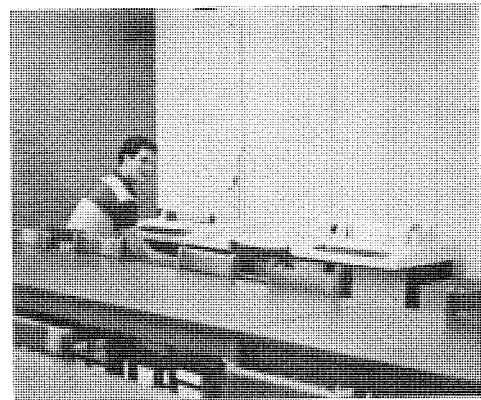
**NAME:** Virgil Brack  
**HOMETOWN:** Holdridge, Nebraska  
**AREA OF INTEREST:** BS Un. of Miss. at Columbia - For, fish & wildl. MS Un. of Miss at Columbia, Biology - hibernation of bats. PhD at Purdue, Ecology of Indiana bat.



**NAME:** Peter Leonard  
**HOMETOWN:** Valparaiso  
**AREA OF INTEREST:** Master of Science in Forestry. I am attempting to model light levels beneath a shelterwood



**NAME:** Jeff Ward  
**HOMETOWN:** Milan, Ohio  
**AREA OF INTEREST:** B.S. Ohio State Univ(1977.), natural Resources-Forest Biology. M.S. Ohio State Univ (1983), Natural Resources-Silviculture.



**NAME:** Brad Semel  
**HOMETOWN:** Riverhead, N.Y.  
**AREA OF INTEREST:** B.S. Cornell Univ.- wildlife Biology. Currently working on **M.S.** (Wildlife Biology).

## Not Pictured

**NAME:** Dave Douds  
**HOMETOWN:** Cleveland  
**AREA OF INTEREST:** Bachelor from Kent State Univ in Botany. Masters from Duke Univ in Forestry. Earning PhD in tree physiology with Dr. Chaney.

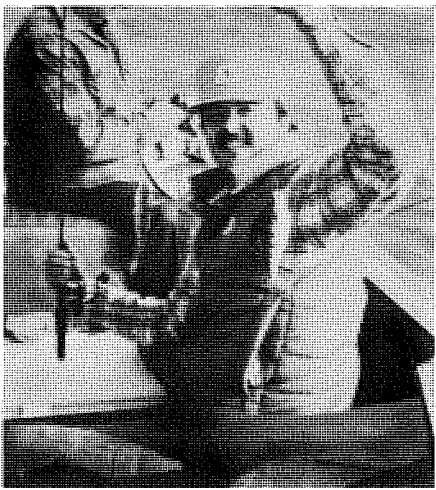
**NAME:** Gary Hagen  
**HOMETOWN:** Maryland  
**AREA OF INTEREST:** PhD - Strategic planning with land ownership for industry use. Analysis of firms, specifically timberland/ownership.

**NAME:** Mark Betterman  
**HOMETOWN:** Freeport, Penn.  
**AREA OF INTEREST:** Masters Micro computer applications for Forest Inv. Processing for use on micro computer.

**NAME:** Ken Barber  
**HOMETOWN:** Freeland, MI  
**AREA OF INTEREST:** Industrial Forestry - Masters of Science in Mgmt. Basically a Krannert Student with electives in forestry.

**NAME:** Yvonne Minnetonka  
**HOMETOWN:** Minn  
**AREA OF INTEREST:** Masters Endangered spe. Behavior and physiology.

# Alumni



John H. Wolf                      For. Production  
BS 1974



John E. Littrell                      For. Production  
BS

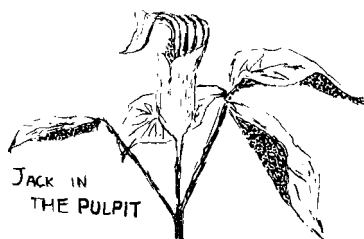


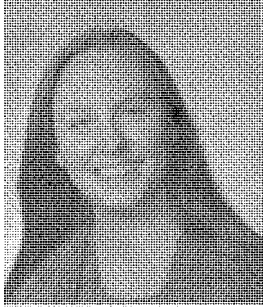
David F. Berna                      Mang't  
BS 1962



Michael J. Martin                      For. Prod.  
BS 1975

ALAN PATON

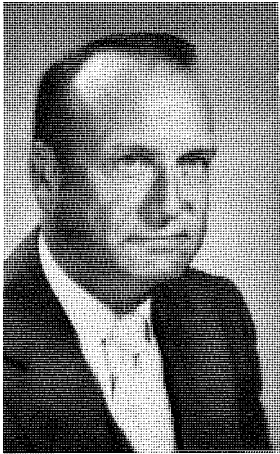




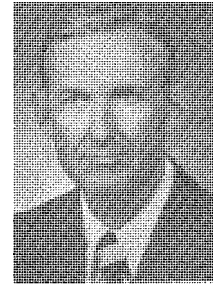
Bridget A. Hoban NRES  
BS 1983



Glenn P. Juday For. Production  
BS 1972



James P. Walsh Utilization  
BS 1948



Thomas V. Gemmer Died Oct. 7, '83 cancer  
BS 1955 MA 1970



Arnold L. Mitchell  
BS 1949



Chuck Rosenberg Wildlife  
BS 1983

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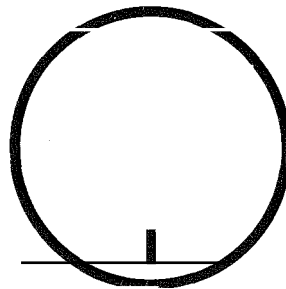
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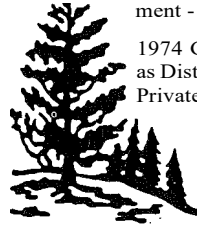
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1974 Graduate Purdue School of Forestry - 3 years  
as District Forester for Indiana Division of Forestry -  
Private Forestry Consultant since 1977.

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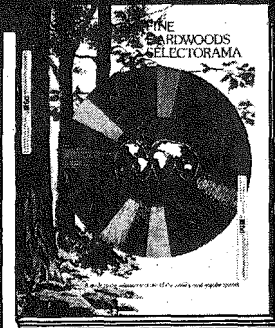
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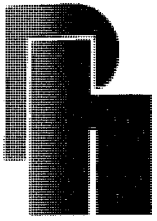
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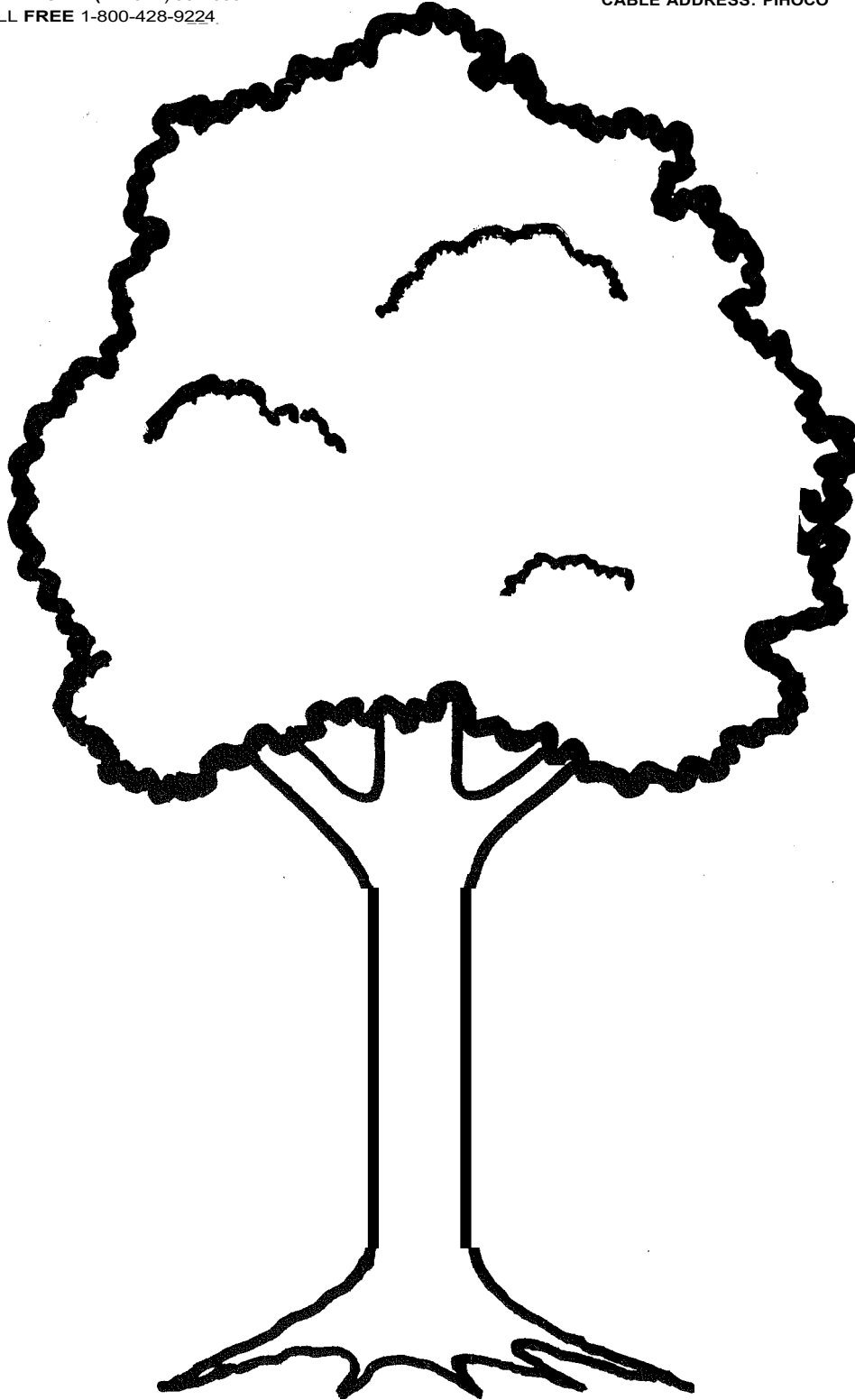
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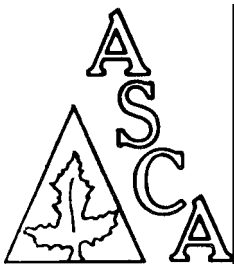
(317) 264-3816 OFFICE

INDIANAPOLIS, INDIANA 46211P

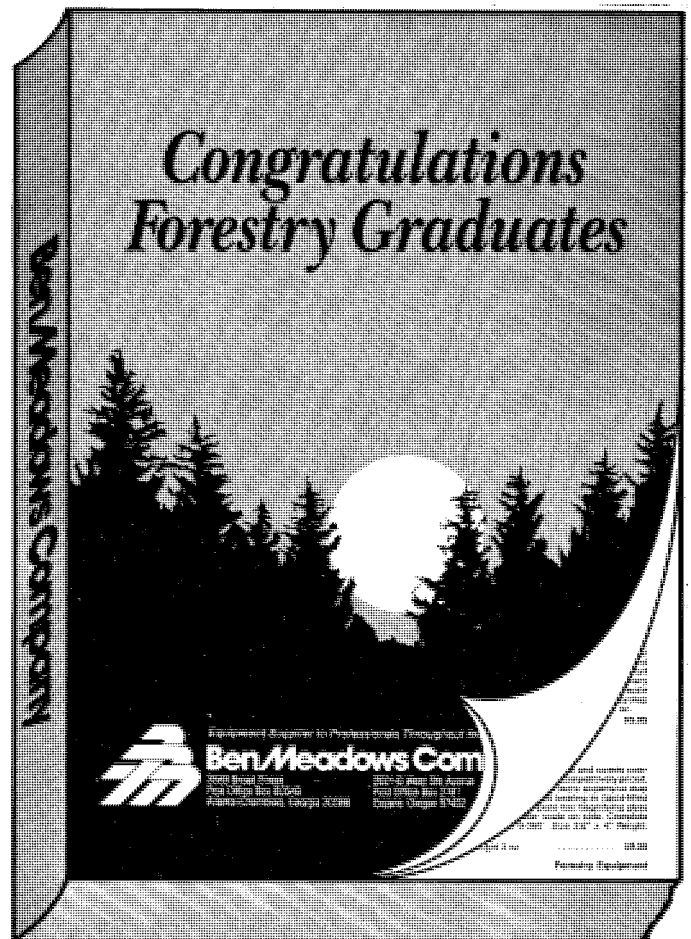


FRED A. LENNERTZ, JR.

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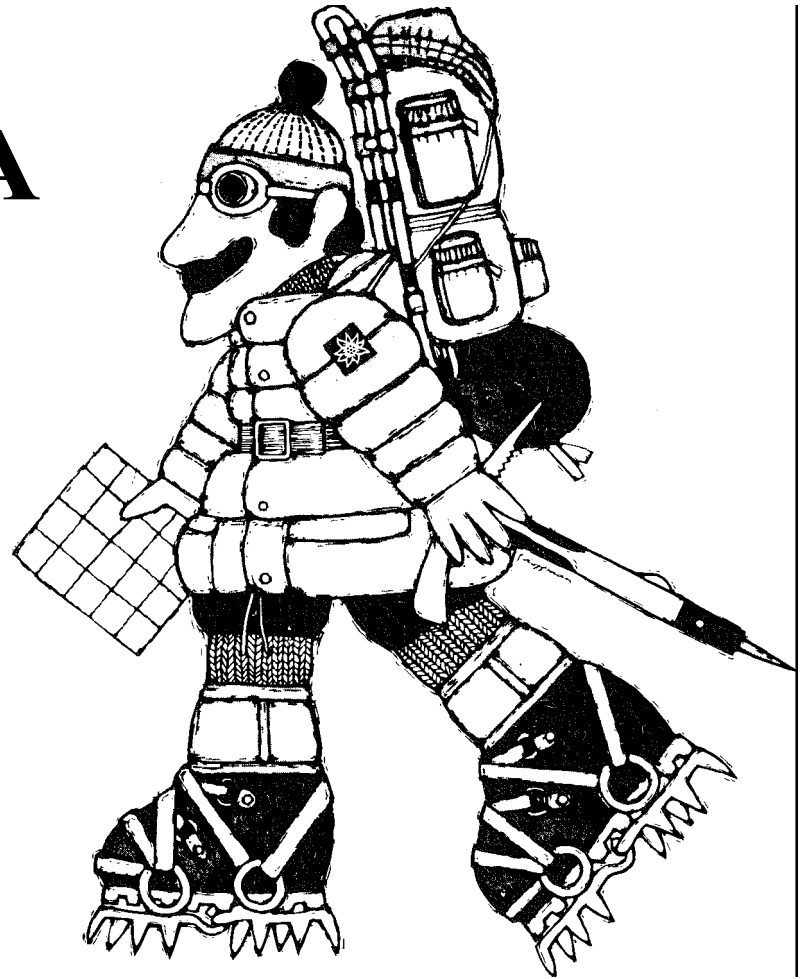


AMERICAN SOCIETY OF  
 CONSULTING ARBORISTS



# A TOUCH OF COLORADO IN INDIANA

Hodson's Bay is a specialty shop dedicated to the quiet discovery of the outdoors. Whether your heart is in the mountains of Colorado or the hardwood forests of Indiana, we hope that you would sometime discover both these worlds on a bike, X-c skis, or with a backpack.



**Serving YOU in  
Levee Plaza  
West Lafayette**

**743-3506**



**SPECIALTIES:**

- CYCLING
- BACKPACKING
- X-C SKIING
- WINTERWEAR

# "Time runs by on silent feet. Use it well! It won't repeat".

This admonition recently appeared on the paycheck stub of each employee of Forestry Suppliers, Inc. But, it is as applicable to you, to me, or to anyone.

In His Creation of each of us, our Maker started the engine of the vehicle of life. Each of us controls his own steering wheel, his own accelerator, his own brakes, chooses his own roadways. Our Maker turned on the ignition for each of us, but He kept the right to turn it off, in His wisdom. No one knows when the fire of life will cease and the engine quit.

For each of us the engine of the vehicle of life runs for a time, then stops. What matters is how each of us uses the time between start and stop.

We at Forestry Suppliers, Inc. hope that your handling of the vehicle of your life is trouble-free and productive.



Jim Craig  
Purdue Forestry 1936  
Chairman & Chief Executive Officer

## **Forestry Suppliers, Inc.**

205 West Rankin Street  
Post Office Box 8397-Jackson, MS39204-0397

1-601-354-3565

"With trees, we'll breathe a little easier." **enough all a little**

"Trees, like other green plants, help purify the air we all breathe, by replacing carbon dioxide with oxygen.

"And with all the smoke, the exhaust, and the fumes in the air today, we need all the help we can get.

"The point is—we need our forests like never before. And we need to manage them wisely.

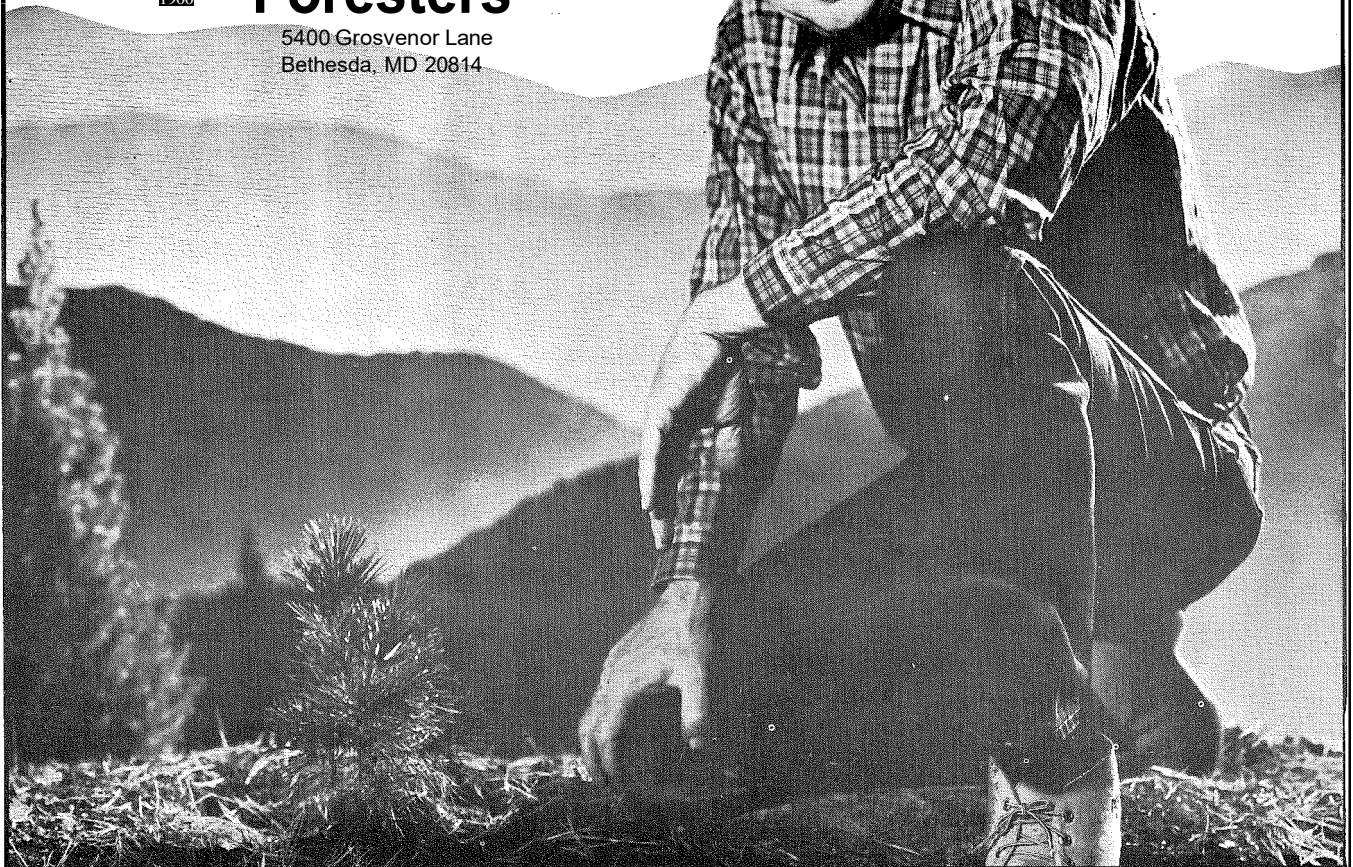
"Our job is growing. Help us all breathe a little easier." *Write for Ralph Waite*

SOCIETY  
AMERICAN  
FORESTER  
1900

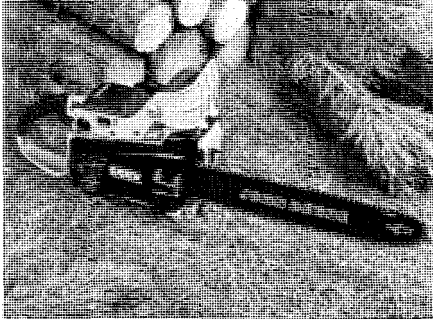
## Society of American Foresters

5400 Grosvenor Lane  
Bethesda, MD 20814

Ralph Waite is America's  
Professional Forester.




# JOHN DEERE HELPS MANAGE OUR PRECIOUS WOOD RESOURCES



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"The American Forester"

Over the Rockies and the Appalachians  
Through the green valleys and great national  
parks,  
There stands a man,  
Dedicated to the majestic trees.

He lives in the quiet country  
Where the only sound is the murmur of the  
wind in the tallest oaks.  
He watches a mother bear nurse her cub, and  
through the years  
Sees the cub raise cubs of its own, beneath  
the boughs of his beloved trees.

One night he notes a tiny glow, away on a  
distant ridge  
Before the dawn has brought the day.  
He watches every tree devoured  
Burned by the evil light of fire.

And the ground is bare where a forest grew.  
He quietly takes his hoe  
And plants a seed for every tree that stood.  
As ten years pass the bare ground sprouts a  
tiny forest.

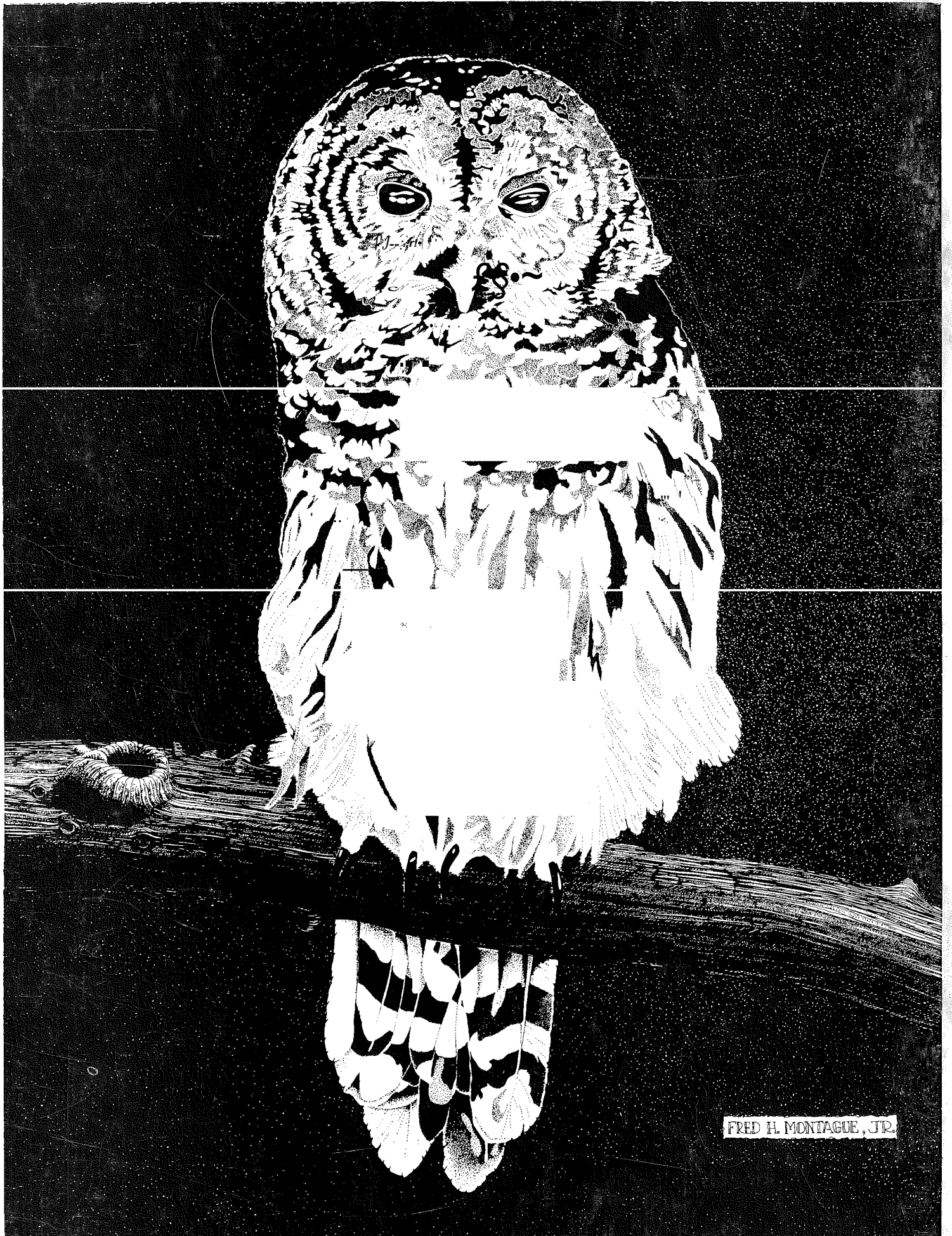
Come thirty years and who would ever know  
That fire was in the beautiful boughs,  
Only the forester who put them there.

When one day his work is done  
When green trees grow where the earth and  
ashes mixed,  
He rests his head on a sullen trunk  
And passes on into endless sleep.

Unknown to man, no soul shall weep his death  
Yet somewhere in a beloved garden  
There stands a thousand monuments  
Paying their homage being.

From the roar of the mighty Sequoia  
To the whisper of the Virginia Pine,  
His name shall echo through the land  
The American Forester, guardian of the  
trees.

Bruce Parkyn Jackson  
- from: The 1961 Purdue Log



FRED H. MONTAGUE, JR.