


DAMAGED

D27-1980

'80 LOG



A black and white photograph of a body of water, likely a lake or a wide river. In the foreground, several tall, dark reeds or cattails are silhouetted against the water. The water is calm, reflecting the sky. In the background, a distant shoreline with trees and possibly buildings is visible under a light sky. The overall mood is serene and natural.

1980 PURDUE LOG

DEPARTMENT OF FORESTRY
AND NATURAL RESOURCES,
PURDUE UNIVERSITY, WEST
LAFAYETTE, IN



1980 Purdue Log Staff

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Sue Majewski

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Maggie Watson

Jeannie Zelko

Larry Medlock

Artists: Cindy Himes, Steve Laue

Cover Photo by D. M. Knudson



To the Reader:

One of the results of last year's hard work is shown above. You hold in your hands the result of this year's efforts. Dave and I have just two things to say. First of all, to all those who helped with this Log we say thanks, but especially to Patty, who put in so many hours typing up all the copy and did such a fantastic job of it, and to Charlie, for his unfailing optimism and support. Secondly, we'd like to say "We made it!" (Sigh!)

Beth



1980 Log Staff

- L to R Row 1 Dave Case, Beth Adams, Sue Majewski, Diane Gregory
- Row 2 Chuck Rosenburg, Martha Judy, Alan Parker, Jeannie Zelko, Cindy Himes,
 Charlie Miller, Terry Hess, Maggie Watson, Bob McGoughey, Larry
 Medlock

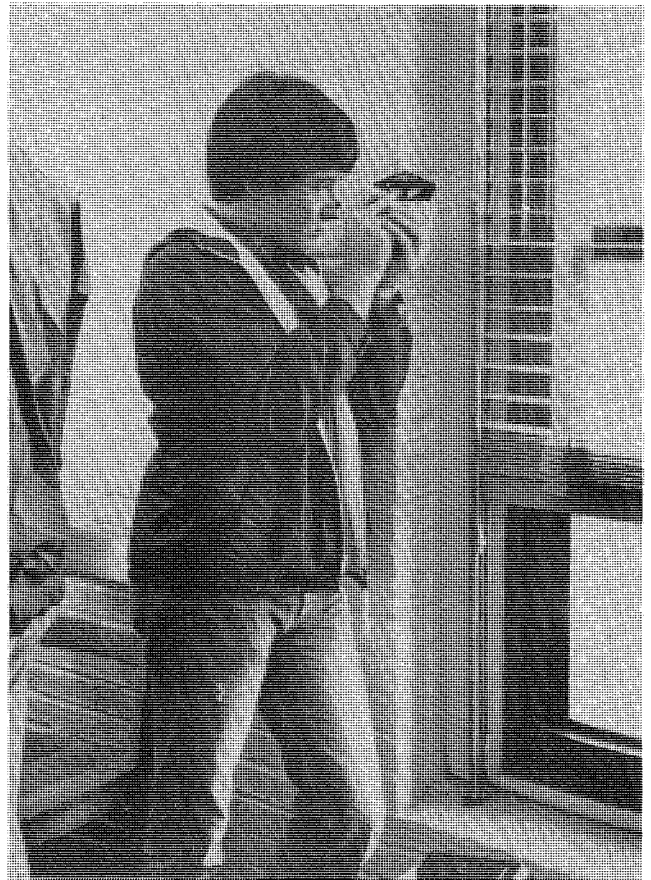
**campus
life ...**



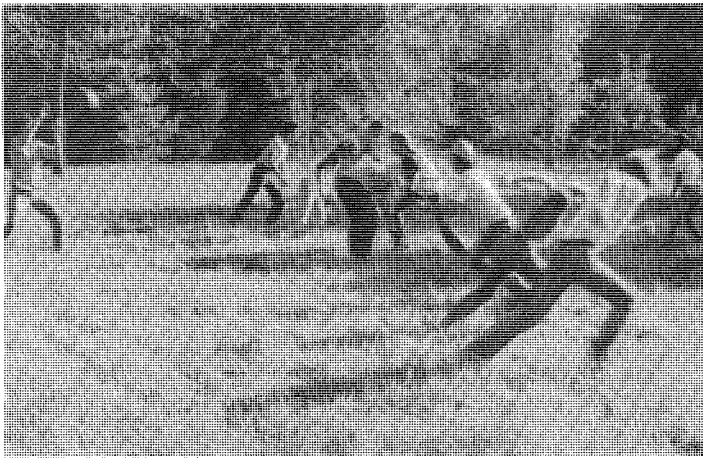
familiar scenes,



we work,



we play,



sometimes, we even sleep!



IN MEMORIAM

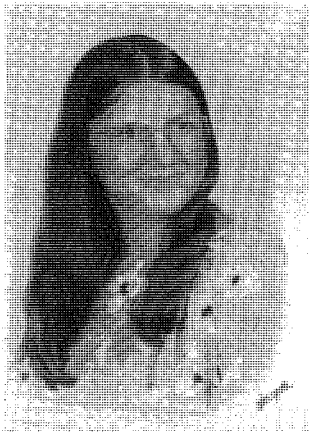
They were gold,
pure, shining, unalloyed.
Words cannot describe
how good their companionship was.

Ben James Baker, BSF 1948

Jim Baker died on June 18, 1978, after an illness of one year. During his career Jim worked as a planner with the Indiana Conservation Department, as the Kosciusko County Surveyor, and as a private surveyor. And from September, 1969, until April, 1976, he was the Area Plan Director for Kosciusko County. Besides his wife, Carlyn, Jim is survived by sons James and Jonathan.

George John Radich, Jr., BSF 1953

George Radich died on October 14, 1979, following recurrence of a lengthy illness. At the time of death, George was superintendent at Inland Steel's Indiana Harbor Works. He began his Inland career in 1955. George served as lieutenant in the U. S. Marine Corps from 1953 to 1955 in Japan, and was a major in the Marine Corps Reserves until 1969.



Ruth Mae Beehler, BSF 1979
February 9, 1952 - October 3, 1979



Mary Anne Read, BSF 1979
July 13, 1957 - October 28, 1979

"This is thy hour O Soul, thy free
flight into the wordless,
Away from books, away from art, the
day erased, the lessons done."

-Walt Whitman

"Whom the gods love die young."

-Lord Byron

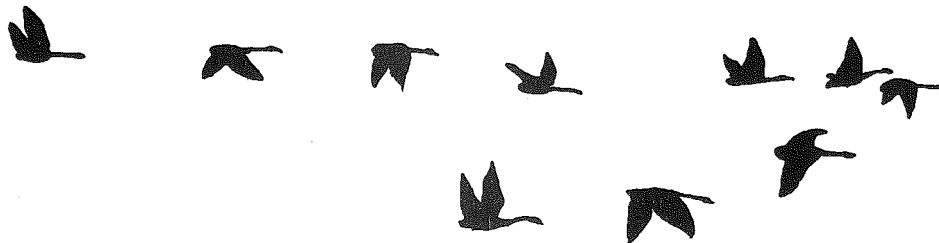
Alfred N. "Newt" Liming, BSF 1938

Newt Liming died on March 11, 1980, while working on his tree farm near Versailles, Indiana. Newt retired in 1976 after more than 30 years with the Purdue Cooperative Extension Service. After 1976, he remained active on his tree farm, on the board of directors of the Indiana Christmas Tree Growers' Association, in consulting work, and in the Woodland Owners' Association.

Besides his wife, Maxine, Newt is survived by a son, John, and three grandchildren.

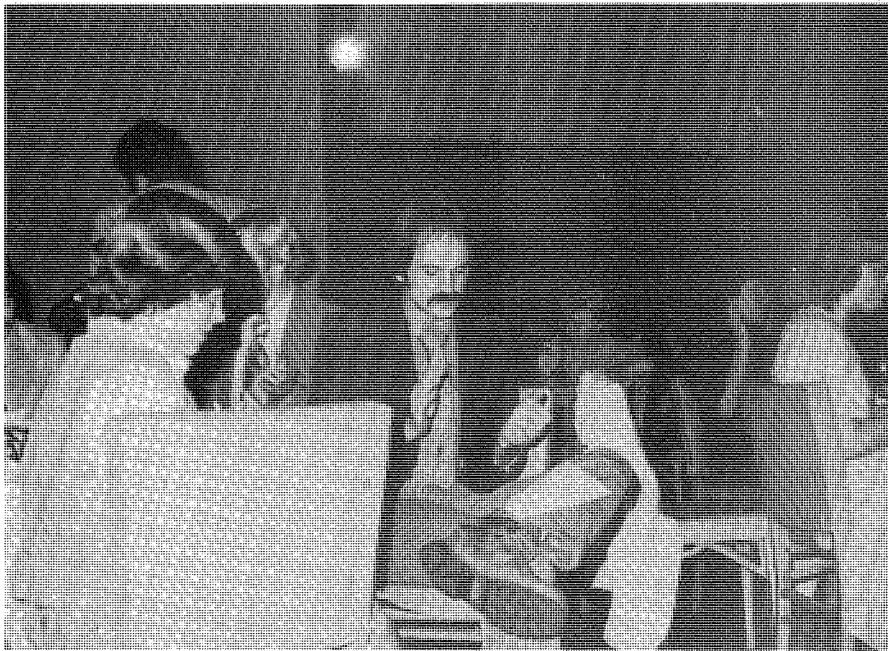
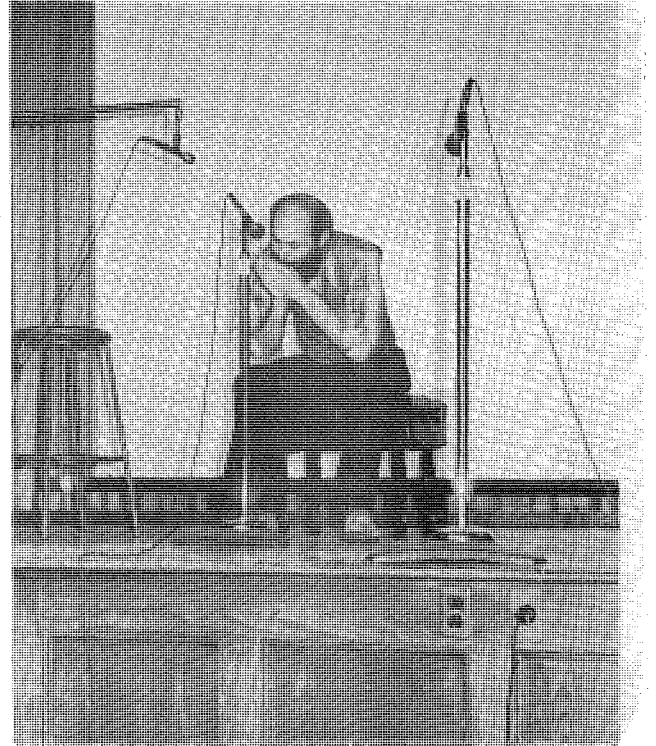


Alfred N. "Newt" Liming



SPRING AWARDS BANQUET

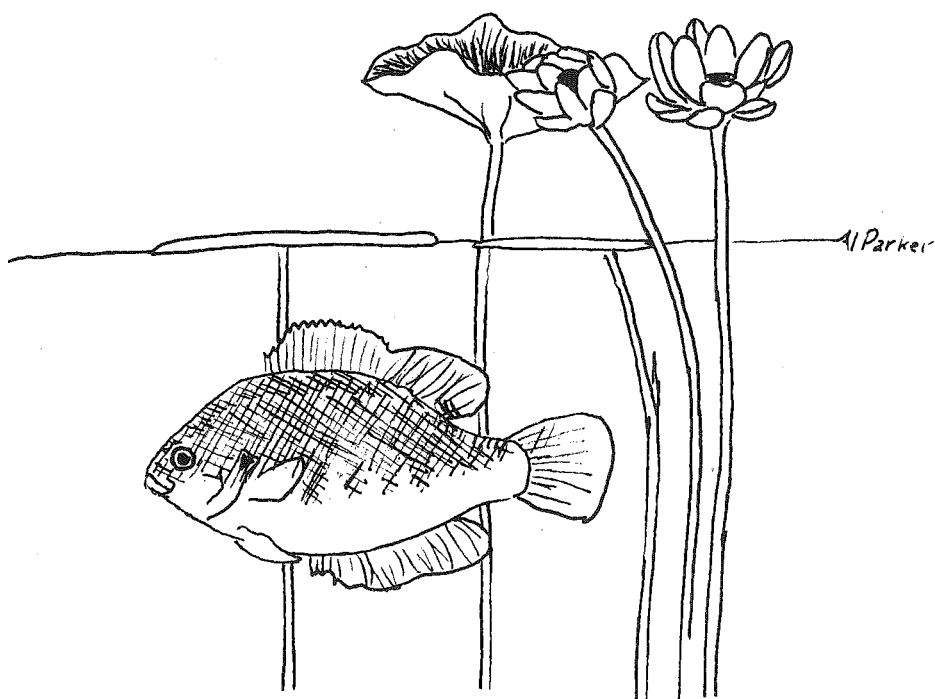
Except for an occasional job interview, you seldom see most Purdue foresters very dressed up. But once a year, students and staff alike turn out in their good duds, all slicked up and looking fine, for the Spring Awards Banquet. This year was no exception. This year's theme was "The Making of a Forester" and in keeping with this theme, slides were shown depicting the diverse activities that go into making a "forester:" labs in the snow, night's at Harry's and the Stabilizer, summer camp, club meetings, classes, parties. Several students from the department kept the audience entertained with singing, playing some low-down blues on the harmonica, and telling stories. The audience joined in for a hand-clapping version of "Thank God I'm in Forestry." Presentations of awards and honors rounded out the evening.



Burton F. Swain Award Winners:
Mr. Bill Swain presents checks to
Martha Judy, Jean Bledsoe, Bruce Zutter



Fred Montague and Kevin Curry were
awarded the Faculty Alumni Award and
Outstanding Teaching Assistant,
respectively.



1979 MIDWEST WILDLIFE CONCLAVE

by

Dave Case, Terry Hess and Maggie Watson

FRIDAY

- 5:00 a.m. - Purdue University vans are loaded and we are ready to head for the Great Plains, the University of Nebraska and the 1979 Midwest Wildlife Conclave.
- 11:15 a.m. - We cross the Mississippi River into Iowa (The first time for some members).
- 4:05 p.m. - After a long, but enjoyable drive, we arrive in Lincoln, Nebraska.
- 5:00 p.m. - We unload the vans and haul our luggage to our rooms. The rooms turn out to be comfortable considering there are seven people per room (it's cheaper that way).
- 5:30 p.m. - Purdue Conclave goers are frantically asking people who look like they are from Nebraska where to find the best place to eat. Of course no agreement is reached, so half of us eat at "Arby's" and half eat at "Pizza Hut."
- 7:00 p.m. - Back at the motel we attend a film about the Sandhill Region of Northcentral Nebraska.
- 8:30 p.m. - Word has it there is a wildlifer party across town. All of the Purdue crowd, except for a few dedicated conclave competitors, decide to attend the party.

SATURDAY

- 1:30 a.m. - We are all safe and sick in bed (at the motel). The party turned out to be entertaining as well as educational (?).
- 8:00 a.m. - Members listen to scientific papers and short talks on topics ranging from muskrats, foxes and raccoons to wildlife photography and organic farming.
- 3:00 p.m.
- 4:00 p.m. - The quiz bowl begins. Even with several participants and spectators still holding their heads from last night's party, we cheer our team on to third place.
- 7:00 p.m. - It's time for the banquet and everybody feasts on buffalo stew and green rice. Disappointedly (?) for some, there is not enough for seconds.
- 8:00 p.m. - We're off to the traditional post-conclave dance while Dr. Weeks stays behind to hold the fort and write a Forestry 341 exam. We offer to skip the exam or help him write it, but he declines. The bluegrass band proved to be very good and as the night wears on, we drag each other onto the dance floor for some foot-stomping and dancing.

SUNDAY

1:00 a.m. - We are on our way back to the motel, and while the guys wonder how they'll explain this to their wives (who they've never taken dancing), the girls wonder if their bleeding feet and broken toes (consequences of barefoot stomping) will ever mend.

7:30 a.m. - We are all packed and ready for the trip back to the Hoosier state. But first, we will stop at DeSoto Bend National Wildlife Refuge in Iowa to see if we can spot a few bald eagles.

12:30 p.m. - We arrive at DeSoto Refuge and before you know it we have shot about 10 rolls of film between us. The bald eagles did not disappoint us and before leaving we are able to view about 50 of them.



MONDAY

12:15 a.m. - We are back in beautiful West Lafayette. We all agreed the 1979 Wildlife Conclave had been a success.



Summer Camp 1979

It's nice to know that greenbrier isn't on the endangered species list in the Hoosier National Forest.

- Jim D. Schroering

Swimming, diving, drinking, cruising, dancing, softball, rodeos, lab write-ups, volleyball, the clearcut, sunrise, Mr. Tick, cruising, tick checks, laundry, cruising, cruising. . . .
Had a great time and learned a lot about classmates, Profs, working together, field techniques and writing.

- Pat York

At the time: too long, too much work, too few beers, too rainy, too little sleep, too little money. In Retrospect: not enough time to do all the things I had planned, too much time in the bar and not enough in the woods, too much napping and not enough birdwatching, overall an education that could not be obtained on campus in scenic West Lafayette.

- David J. Case

The work was hard, the fun was good; the days went quick and that was good. We cruised the woods in the rain one day, and slept on beds made of hay. We suffered through the rain and cold and the stories Charlie Miller told. When our hopes and morale were running low, over to Bandon Tavern we'd go. The food, we said, was less than poor, so why did we always ask for more? The time now came for us to go, to leave the friends we'd come to know. But none of us felt the least bit sick, for we'd meet again in 406.

- Ted Stoecker

Summer Camp was an attempt to concentrate three years of education into five weeks of greenbrier scratches, tick bites, and wet boots. In some ways the experiment was a success, in others a failure (2½ days of wildlife, zero days of recreation; but what the heck, everyone is a forester, right?). One thing I'm sure of, without the students camp '79 would have been a bust. What a bunch of characters!

- Tom Torsell
Charter member of Dorm 6

The things I remember most about camp are the black eye I got trying to disco with Rob, ticks, dancing at Derby, and shaving cream everywhere!

- Maggie Watson

I thought it was a good learning experience for practical work experience. There was not near enough time spent on wildlife, however, and these students are hurt because of this. The camp was run fairly well, and Bandon was one of the night spots of the area that saved many of us. The party the last night was also a good ending, along with no final test!

- Michael Field

Quite to my pleasant surprise, camp turned out to be one of the most enjoyable parts of my education at Purdue. Some of the outstanding memories include: the shaving cream fight, mud slides, fishing for bluegill (with tadpoles), the many nights at Bandon and Derby, the Greenbrier in Sections 3 and 4 and most importantly, I recall the making of new friendships.

- Walter L. Hall Jr.



Section 3 and 4, Township 4 S, Range 2 W,
Perry County, Indiana

They say mud is good for the complexion



How in the world do we count all those
little growth rings?



What a whopper!



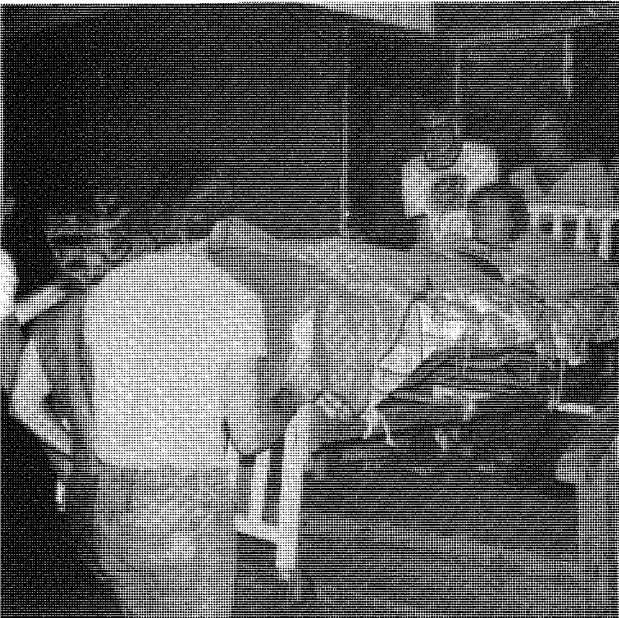
We tried it...it lasted for a week and a half



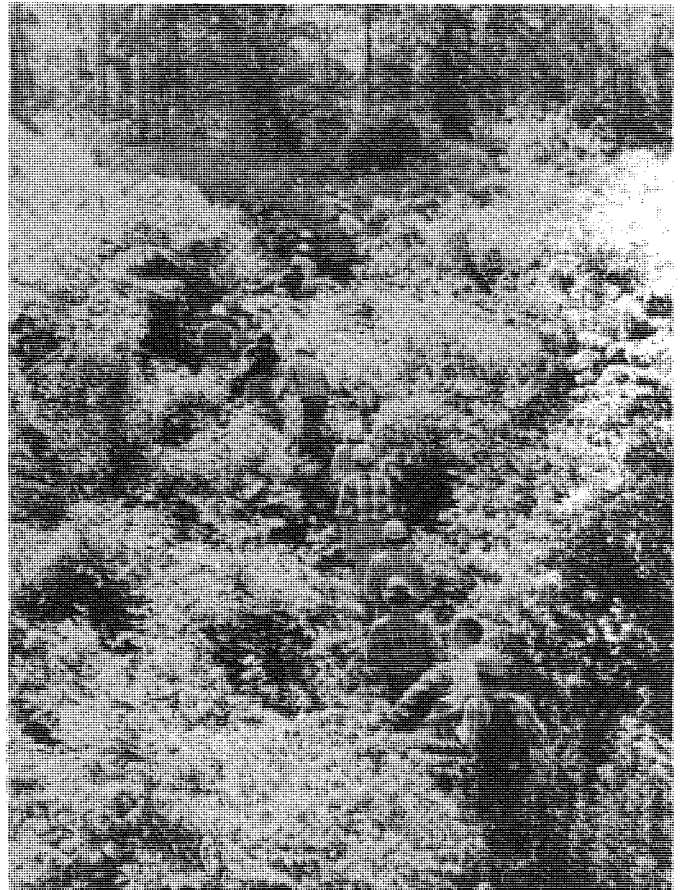
Log scaling at Jobe's Sawmill



Life here is the "Pits"

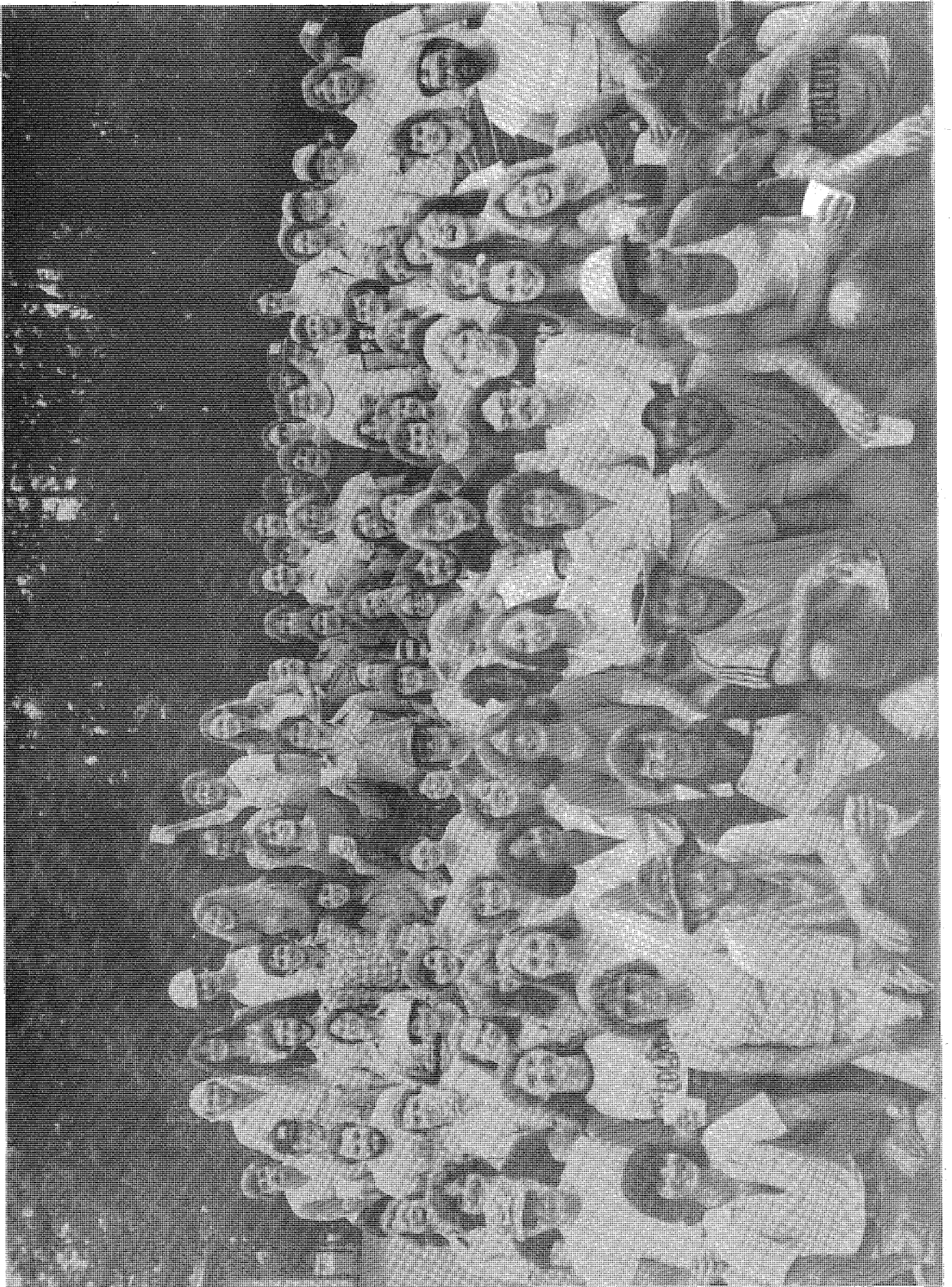


No Eric, you're not dreaming

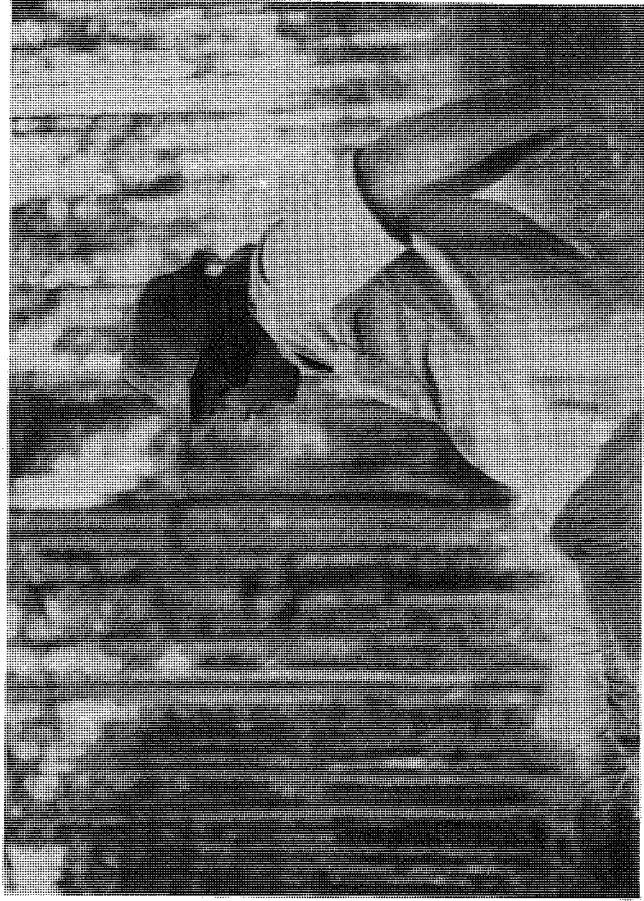


Clearcut

1979 PURDUE FORESTRY CAMP



1st row (l to r) Mike Brinson, George Eberhart, Pat Cleary, Roger Judd, Jeff Lohman, Matt Tangman, Mark Korn, Dave Hensley.
2nd row (l to r) Roger Stewart, Vicki Lewis, Diane Gregory, Babs Kudner, Cindy Himes, Terry Hess, Maggie Watson, Tom Torsell, Michele Calkins, Carol Iwaszewski.
3rd row (l to r) Jeff Klein, Paula Kale, Bev Wilson, Elise Schliemann, Dinah Paton, Pat York, Dave Vadas, Mike Field, Eric Witters, Steve Lacy, Sue Majewski, Jeff Werner, Amy Rabinowitz, Curt Kennedy, Larry Gray.
4th row (l to r) Joe O'Leary, Micky Weeks, Alan Budde, Rick Meyer, Randy Kelly, Sue Crom, Jean Montgomery, John Raczkowski, Vicki Giroud, Lana Tyler, Mary Ward, Mike Precht, Rolando Ortegon, Larry Hall, Steve Noelle, Scott Messimore.
5th row (l to r) Steve Lewis, Dave Case, Brian Henry, Carol Filipiak, Dana Radavich, John Raney, Roberta Corwin, Dave Knopp, Jim Neal, Ken Collins, John Falcone, Brad Judge, Steve Goodwin, Mark Walker, Jill Purvis, Dave Mahaney.
6th row (l to r) Mark Michaelis, Annette Schultz, Tom Riggs, Lori Beaver, Chris Berry, Jim Schroering, Betsy Blair, Steve Jarvis, Kim Hunt, Lee Huss, Don Warner, Roger Thersen, Andy Runyon, Rick Peercy, Al Thompson, Art Strange, Greg Green, Leonard Reed, Ben Miller, Mike Dujan, Mike Martin, Ed Sprunger, Mike Mitchener, Bill Zoll, Hans Williams.



Larry Hall takes time for reflecting

SUMMER CAMP...
AND THEN
THERE WAS
GREENBRIER



WHAT DO YOU THINK,
SHOULD WE TALLY IT?

MULTIPLE-USE FORESTRY

When multiple-use forestry was proposed in the thirties, there were some "instant conservationists" who took the concept literally. The late Professor Ted Shaw staged this burlesque show with forestry students in November, 1938, at the Cunningham Forestry Farm to illustrate the absurdity of the literal application of multiple-use forestry. The photograph was taken by Professor Roy Brundage.



The users of the forest, from left to right, are: axeman, unknown; artist, Ted Shaw; tapper, Don Blin (no matter that he taps an oak instead of a maple); naturalist, Robert Schnell; hunter, Maurice Reeves; surveyor, Paul Derra; bird watcher, John Michels; caliperman, Ed Stiver; hiker, George Romeiser; fisherman, Henry Sieber (no matter that there is no water).

-Roy C. Brundage
Professor Emeritus

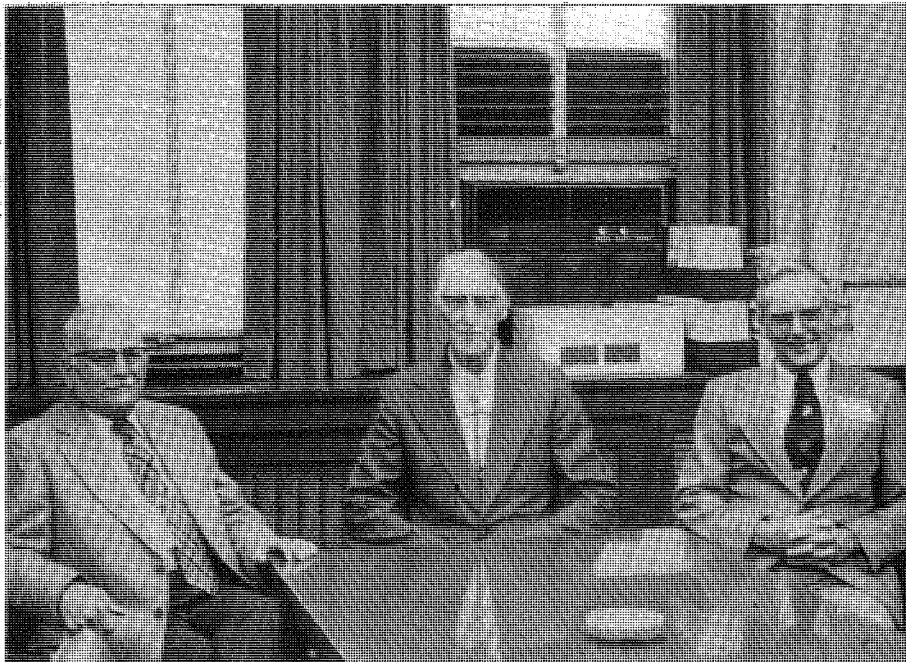
RETIRED FACULTY

Howard Michaud taught several courses in Conservation and Forest Recreation while on the staff at Purdue. He also taught a summer camp for teachers from local schools. He still lives in West Lafayette and teaches FOR 103 at IUPUI in Indianapolis. He keeps busy otherwise by travelling (he went to the Orient last spring), by editing the newsletter for COEAI and by pursuing his hobby of lapidary.

Roy Brundage started his teaching career at Purdue in 1930 and retired in 1970, although he has been back on the staff since then for a couple of special assignments. Therefore he has had the privilege of working under every head of the Department of Forestry and Natural Resources at Purdue. The subjects he taught included Forest Products, Market-

ing and Research, Wood Technology, and Forest Economics, as well as doing extension work. He lives in West Lafayette and keeps busy travelling, including a trip last spring to Alaska, and visiting his family of three children (including a son who is a forester!) and ten grandchildren. He recently received the Golden Anniversary Award from the Society of American Foresters.

Eric Stark used to teach classes in Dendrology, Wood Technology and Forest Products, Preservation, Plywoods and Related Products, Wood Seasoning and served as a student advisor. He now spends his time cultivating a large garden (much of what he grows he gives to friends), fishing and, admittedly, "loafing."

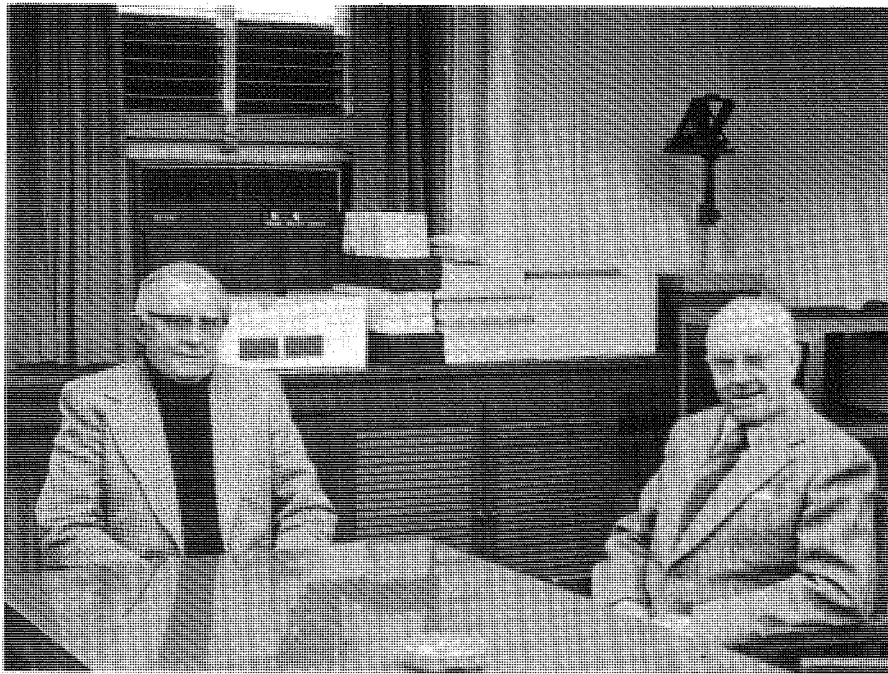


Howard Michaud, Roy Brundage, Eric Stark

Frosty Miller, former field extension forester, dealt with adult and youth education, consultation on forest management and cooperation with other conservation agencies while at Purdue. He now spends his time doing consulting forestry and working in his wood shop.

Durward Allen, professor emeritus at Purdue, formerly taught Wildlife Ecology and Management. He has also supervised graduate studies involving deer, coyotes, moose, wolves, blue-winged teal and other species. He has

published several books and magazine articles including a new book, The Wolves of Minong, culminating eighteen years of research by Dr. Allen and his grad students on the moose-wolf relationship on Isle Royal National Park in Lake Michigan. Dr. Allen is a member of the Board of Directors of the National Audubon Society and the National Parks Advisory Board. He spends much of his time travelling and lecturing at universities and national meetings. He also tries to spend time pursuing his hobbies of photography, hunting, fishing and woodworking.



Frosty Miller and Durward Allen



Stillness

by

Charlie Miller

*How many stillnesses there are to know:
The breathless beauty of the autumn trees,
A frozen river blanketed with snow,
A great hawk hovering against the breeze;
Tranquility of evening on the face
Of one who listens to a drowsy bird,
Or the restful calm in some holy place,
Undisturbed by human noise or word.*

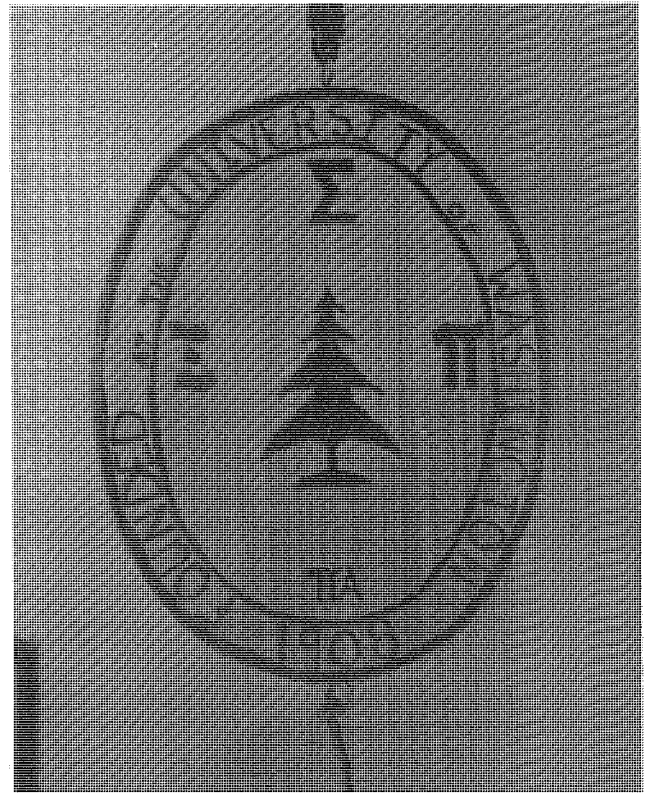
*Today such stillnesses are much too rare
For often our tumultuous world intrudes;
Its clamor covers up the fragile fare
That feeds our souls with quiet interludes.*

XI SIGMA PI

Xi Sigma Pi is the International Forestry, Conservation, and Wildlife Honor Fraternity, whose objective is to foster a professional attitude. Xi Sigma Pi honors the student who not only excels in academic work but who possesses those personality traits that tend to develop strong professional ethics and that lead to success in their future.

To be eligible for membership in Xi Sigma Pi a student must have completed at least five semesters in forestry, wood utilization, conservation or wildlife, be ranked in the upper 25% of his/her class and show promise of attaining high professional achievement.

Purdue's chapter, installed on May 26, 1934, is designated as the Kappa Chapter.



Xi Sigma Pi Officers:

L to R Jim Schroering, Forester; Hans Williams, Ag Council Representative; Mike Martin, Ranger; Beth Adams, Associate Forester; Dr. Parker, Faculty Adviser; Maggie Watson, Fiscal Agent

PURDUE FORESTRY CLUB

by

Babs Kudner

The Purdue Forestry Club has enjoyed an exciting year throughout 1979-80. Club activities actually began even before Fall semester classes, with the Ag. Council Ice Cream Social on August 30. A Forestry Club booth was set up displaying annual events to tantalize the few green foresters, as yet unacquainted with their renowned departmental club.

Martell Forest was the location of the Second Annual Forestry Club Picnic on September 15. With a bonfire, lots of gleaming faces, a number of frisbees, warm talk, and good food and refreshments, it's fair to say that a good time was had by all. Baseball was even played forester-style with a stick of wood (16") and a softball!

Following the fun and games of the picnic, members began serious practice in preparation of the 27th Annual Forestry Conclave, to be held at Maple Lake, Minnesota on 20 Oct. As the time grew closer and closer to the conclave date, more and more people were out at the practice field, next to President Hansen's residence. It also seemed to rain more and more frequently, but that didn't stop a soul. In fact, try-outs were held in torrential downpours...the hearty foresters prevailed! This year, everyone was confident Purdue had a fighting chance with Dick Rogler's worthwhile efforts to get the competition saws sharpened and set properly and Rick Meyer's hard work in organizing the trip to Minnesota.

The Forestry Club picked up a large portion of the tab for those who attended the conclave. It was able to do so with the funds raised by the club last spring from planting trees at Martell Forest for a research project conducted by Dr.

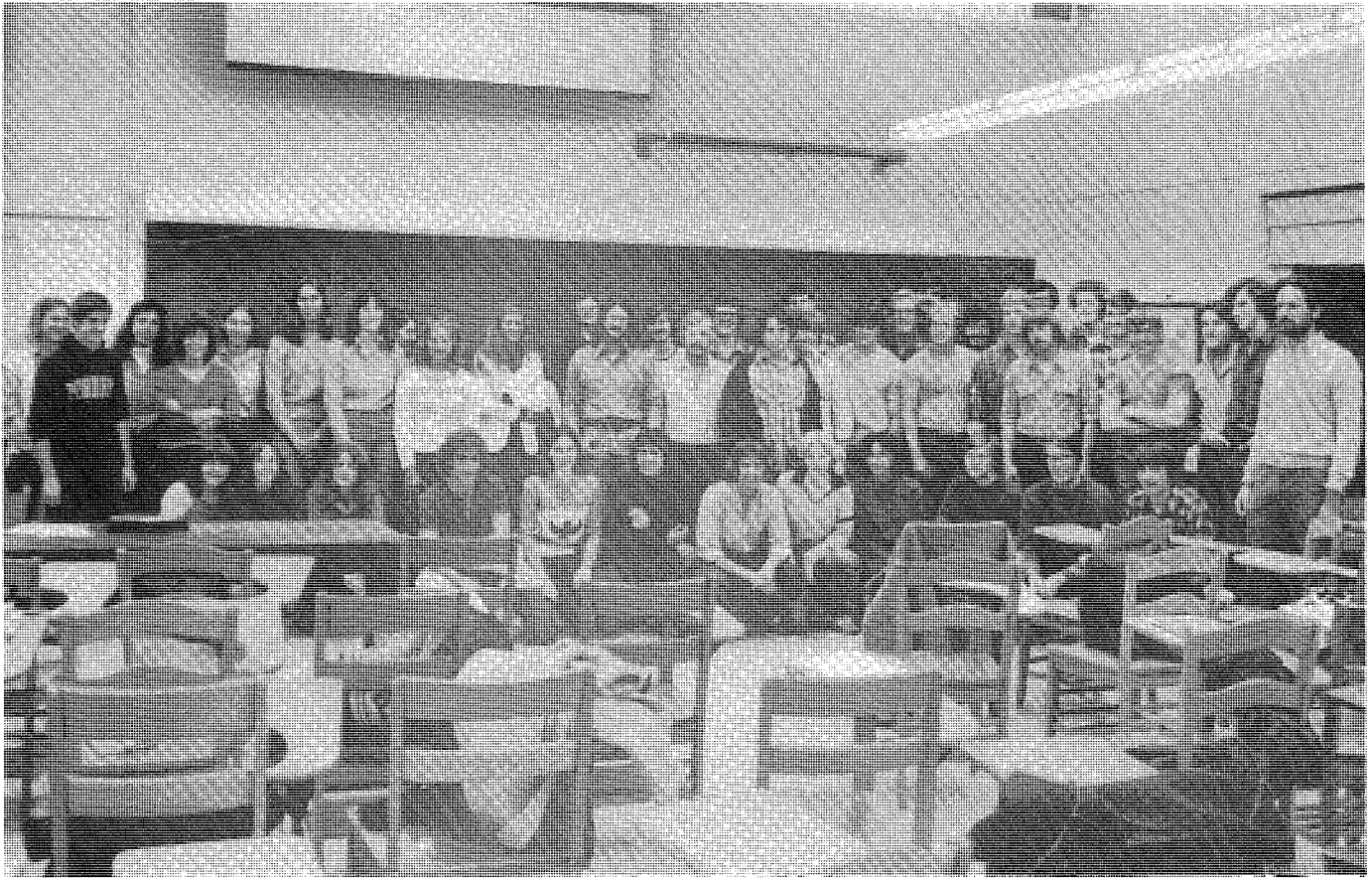
Phil Pope. As a result, nearly forty people from Purdue attended the conclave, including three graduate TAs--Tom Lynch, Charlie Manogue, and Jim Shepard. Almost every body was adorned with bright yellow Forestry Club golf shirts, giving the appearance of a yellow wave drifting from one event to another. Purdue placed a respectable third out of eleven teams.

With the Conclave behind them, members began to concentrate on cutting firewood, working hard to fill eleven orders. A couple of members, Greg Green and Rick Meyer, also cut and bucked some wood for a landowner who had asked the club for assistance with his felled trees. Both ventures helped replenish the Forestry Club treasury.

November was also the month of the Forestry Department Alumni Reunion. It was a first for the department and many alumni attended. Several Forestry Club members assisted in directing traffic within the Forestry building and guiding alumni throughout the "new" facilities!

During the Fall semester, several faculty in the Forestry department provided interesting presentations of their research and/or sabbatical experiences to the Forestry Club at the club's bimonthly meetings. This afforded the club an opportunity of getting better acquainted with the instructors while learning of unusual and little publicized research and findings. The speakers included Dr. Dan Cassens, Dr. George Parker, and Dr. Harry Gibson.

Those who also spoke at Forestry Club meetings are Kathy Packman, an alumni of Purdue employed by International Paper in Alabama. She gave much insight and advice on starting out



1st row (l to r) Jeanne Zelko, Pat York, Bev Taylor, Steve Parrett, Peggy Dorsey, Tom Whalen, Kathy Morgan, Sue Majewski, Babs Kudner, Mark Poliak, Dr. Bill Chaney, ?, Tom Lynch.

2nd row (l to r) Matt Fleck, Maggie Watson, Petra Bohall, Annette Schultz, Patty Keller, Lorrie Beaver, ?, Ben Miller, Jeff Donahue, ?, Tom Culligan, Dick Rogler, Mike Duncan, Rick Spears, Brian Cruser, Jeff Crosby, Dave Cates.

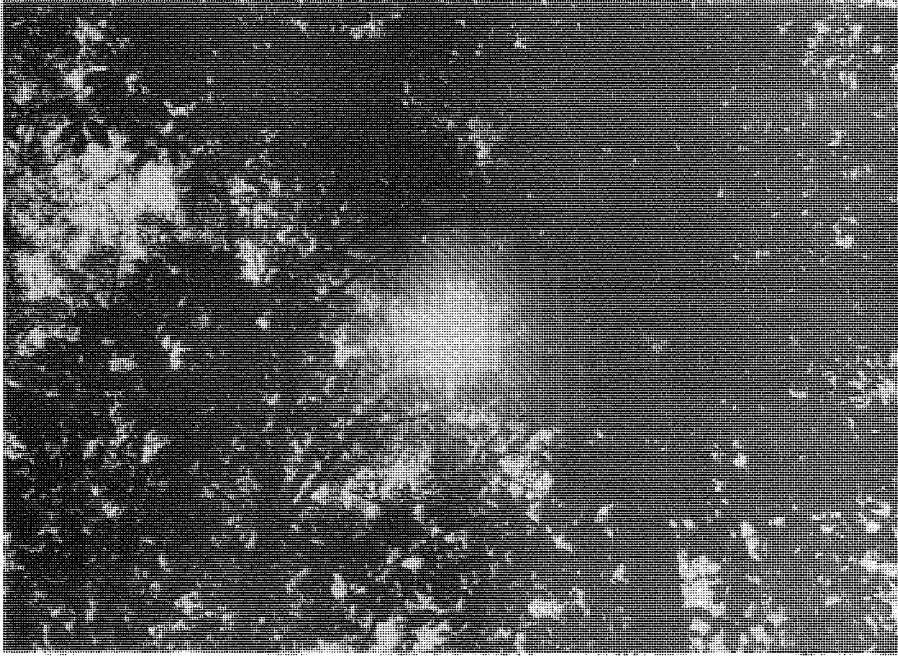
3rd row (l to r) Connie Cummins, Bert Corwin, Terry Hess, Vickie Lewis, Vickie Giroud, Jim Schroering, Rick Meyer, ?, John Rascowski, Jim Ringe, Tom Ruff, Rich Baker, Loren Emerson, Steve Couch, Bob McGaughey, Gary Cole.

in a paper company. On another occasion, a few members of the club shared their slides of summer work experiences from Maine and New Hampshire to Oregon and Washington.

Spring semester activities for the Forestry Club include participation in the Lost River Forestry Field Day in French Lick, Indiana on February 23, help in preparation of the Annual

Forestry Banquet, and involvement in other activities as they develop.

The Purdue Forestry Club could not function without the constant help and support of its sponsor, Dr. Bill Chaney. This year's officers are: Pres.: Jim Schroering; V. Pres.: Rick Meyer; Sec.: Babs Kudner; Treas.: Ben Miller; and Sergeant-at-arms: Connie Cummins.



There are days which occur in this climate,
at almost any season of the year, wherein the
world reaches its perfection; when the air, the
heavenly bodies and the earth, make harmony, as
if nature would indulge her offspring.

Emerson

In the woods we return to
reason and faith.

Emerson





PURDUE RECREATION AND PARKS ASSOCIATION

by

Anne Weinkauf

Since outdoor recreation studies emerged as viable curricula in the form of Recreational Resources and Forest Recreation options in the School of Agriculture, there has been a need for students under these options to meet and dialogue with the Recreation students of the Humanities school and with potential employers. Out of this need and desire Purdue Recreation and Parks Association was born. The recreation students of the Humanities School are required to do field work as a part of their curricula. Through this, they can interact with employers under real job situations. The Ag School students of recreation have only summer jobs to fall back on and sometimes not even those. PRPA offers this opportunity for an exchange of ideas, information and impressions between students of the two schools, separated only by State Street. PRPA has programs that bring parks and recreation administrators to meetings and take the students into the field.

Tippecanoe Guides interpret history and nature at Tippecanoe Battlefield. Many visitors come to see the monuments

and this offers some excellent experience for historical and natural interpretation. Horticulture Park is used for natural interpretation to school children by the Westwood Guides. We are involved with Fall Creek Nature Preserve. This lets us experience some of the joys and problems with management of an outdoor recreation area. We have done programs and planning of outdoor recreation facilities of the Wabash Valley Mental Health Center.

An even broader and more dynamic interaction between students comes in meetings with Indiana Parks and Recreation Association student section with representatives from other Indiana campuses. IPRA itself is a direct contact with the professionals of Parks and Recreation, allowing the relay of job information and opportunities.

Through all of these programs and bimonthly meetings, PRPA offers any student interested in nature, in people and in the interplay between them, to get involved with interesting people and activities.

PURDUE WILDLIFE SOCIETY

by

Petra Bohall

The Purdue Student Chapter of the Wildlife Society branched out considerably this past year. Lobbying in Indianapolis for various pieces of legislation pertaining to wildlife and the environment became an important function for several members. Some Society members worked at the Lafayette Recycling Center separating materials brought in by the public. The Lafayette Recycling Center also donated one-hundred and fifty dollars to the Society to be used in developing wildlife education programs. Several students attended the annual Indiana Wildlife Society meeting at Patoka Reservoir. The Purdue Wildlife Society also became an associate member of the Indiana Conservation Council Incorporated (ICCI) during the past year. These and other activities gave students an opportunity to become involved and to gain practical experience in the wildlife field.

The various committees provided members a chance to gain much valuable experience. The White-tailed Deer Committee coordinated deer checks with the Indiana Department of Natural

Resources at Crane Naval Depot, Camp Atterbury, and Jefferson Proving Grounds. As a matter of fact, because of the dependable job the Purdue Wildlife Society has done in the past few years, the IDNR was able to cut its deer check staffing substantially and let the Purdue Wildlife Society fill in. In the spring semester, committee members kept busy tagging deer and conducting dead deer searches on Crane. They also conducted pellet counts and fawn searches on the northern fish and wildlife areas.

Members of the Upland Game committee helped with turkey gobbler and grouse drumming counts. At Martell Forest woodcock habitat was being developed. At the Purdue Wildlife Area a pheasant population survey was conducted. Also, the Upland Game Committee laid out a grid system at Martell to be used in future studies.

The Reptiles and Amphibians Committee renovated the reptiles and amphibians collection and conducted reptile searches in the spring.



(L to R) Maggie Watson, Dave Case and Tom Torsell prepare a display case.



Working on Canada Goose nesting islands.



Row 1 (L to R) Pam Giles, Bill Maudlin, Pat York, Jeannie Zelko, Petra Bohall, Martha Judy, Pat Proper. Row 2 Allan Cruzler, Rick Speer, Roberta Corwin, Mike Rhoades, Jim Bergen, Allan Parker, Brian McCarty, Chuck Rosenberg. Row 3 Dave Case, Dave Vadas, Tom Torsell, Mike Hall, George Eberhard, John Jacobson, Micky Weeks, Charles Kirkpatrick. Row 4 Anne Zimmerman, Karen McDonald, Ray Fahlsing, John Brady, Al Sterwerf. Row 5 David Yount, Jim Stulz, Ron Lorman, Steve Mitz, Rick Myer, Ken Harris, Lee Eckert, Mark Ratliff. Row 6 Peggy Dorsey, Fred Renn, ?, ?, ?, Collete Loehrelein, Joe Katterhenry, ?. Row 7 Susan Sullivan, Scotty Bruer, Darrell Breedlove, Terry Hess, Maggie Watson. Row 8 ?, Gary Wiles, Allan Budde, Roger Theisen.

The Raptor Committee conducted nest searches for various species of raptors and banded any young birds found. They also conducted a monthly raptor census.

The Woodduck Committee was expanded to the Waterfowl committee. Their major project was the "Goose-for-you-too" program. A pair of Canada Geese were released on the Purdue Wildlife Area in March. It is hoped that they will return each year to breed.

The newly established Songbird Committee built birdhouses to sell in the Lafayette area. Phoebe nest searches and a bird census of highway roadside plantings were other activities members participated in.

In addition to all of this, most of the committees are working on or have completed slide programs to present to schools and other interested groups.

The two big events in the spring were the Midwest Wildlife Conclave held at Michigan State University and the annual game roast where students had an opportunity to sample wild game and other natural foods.

Officers for 1979-80 were:
 President - David Case, Vice-president - Dave Arrington (fall) and Allen Parker (spring), and Secretary/Treasurer - Terry Hess.

Fun at the 1979 Game Roast.



"Would you like it if you were a Canada Goose."

The Field Trip to Jasper-Pulaski Fish and Wildlife Area.



Ode To Dirty Dick

by

Vicki Giroud

Dirty Dick, with magic hands
Taught us all about fragipans.
In each and every dirty pit
He showed the wonders of its grit.

And if, perchance, that was a bore
He'd entertain with tales of mor.
When one of us was on commode,
He missed the tale "How Soils Erode."

"Zanesville! Tilsit!" This man would yell,
And we'd reply, "Aw go to hell!"
To Dirty Dick we say, to wit,
"Take this and stick it in your pit!"



SARA

I wasn't expecting the smile that greeted me as I entered the office that was soon to be a second home to me.

"May I help you?" the woman behind the desk asked politely.

"Uh,..well, I was looking for Dr. Frederick H. Montague, Jr." I said, stunned by the bold burst of friendliness.

"Oh, you must be a freshman!" she said with a laugh. "He has a class right now but he should be back this afternoon. Is there anything I can help you with?"

"No,..no." I said, not realizing that this secretary had the power to perform miracles and then some. "I'll just catch him later. Thanks,..uh... Mrs. Bass."

This was my first encounter with the woman I and many other forestry students later came to know as Sara

She seemed to have a warm personality which I have discovered reflects the spirit of all the people in the OSS. As problems have arisen, I've found myself supported more and more by the friendly foursome of the OSS and especially by the amiable secretary that greets students as they enter.

Sara exhibits a personality that makes a person want to feel relaxed and comfortable. This spirit makes it a lot easier for new students to get acquainted with some of the activities, classes and opportunities available in Forestry. With a laugh and a smile, Sara offers the new student that human contact with the "academic institution" that helps narrow the gap between first-time Forestry students and their professors.

The School of Forestry is benefitted by having someone with such a good personality and as close contact with students as Sara. It's nice to know we have a secretary who is more than a secretary, she's our friend.

The Conclave

The major event of the year for the Purdue Forestry Club is the Forester's Conclave. This year the 28th Annual Midwestern Forester's Conclave was held on the grounds of Camp Courage in Minnesota. After weeks of hard practice, a team worthy of Purdue was assembled. With an odd assortment of competitors and fans, the long journey was about to begin.

Thursday, October 18

Team members leave the beautiful West Lafayette campus to begin the 14-hour drive to Camp Courage.

Friday, October 19

4:00 p.m.--Purdue Foresters arrive at Camp Courage and set up camp. Dendrologists Rick Meyer and Jim Schroering learn in their pre-competition scouting that prickly-ash is very abundant in Minnesota. Other competitors examine the cants and the layout of the conclave area to gain the upper hand in Saturdays' competition.

9:00 p.m.--After a hard day on the road, Boilermakers drive into Buffalo, Minnesota in search of food. After an enjoyable meal, team members and their avid fans gather for a pre-competition fire-up.

Saturday, October 20

7:00 a.m.--Breakfast for everyone (except the late sleepers.)

8:00 a.m.--DENDROLOGY: Annette Schultz, Jim Schroering, and Rick Meyer are led on a merry chase through the hills of Minnesota. Meyer, with his proven taxonomic skills, finishes in fourth place.
TRAVERSE: The prickly-ash



You're almost halfway through Babbs, don't stop now.



Rick Speer, in the pulp toss, shows his style.

proves to be too much for Kathy Morgan, Sue Majewski, and Bob McGaughey. MATCH SPLIT: Donna Easley, Jeannie Zelko, and Charlie Manogue match their skills with the comb's teeth. Manogue "splits" fourth place with another axeman.

9:00 a.m.--ONE MAN BUCK: The strong showings of Derek Vannice, Dick Rogler, and Tom Ruff were not enough to defeat the 11-inch oak.

10:00 a.m.--TOBACCO SPIT: A brave Jeff Crosby chews and spits his way to a moral victory. CHAIN THROW: Matt Fleck and Loren Emerson are outwitted by their own "topo" tapes.

11:00 a.m.--LOG ROLL: The team of Rogler-Manogue rolls its way into fourth place while the teams of Donahue-Speer and Case-McGaughey were outrolled by the massive log.

12:00 a.m.--LUNCH: Hungry foresters take advantage of the dining facilities at Camp Courage.

1:00 p.m.--BOLT THROW: Dave Case and Charlie Manogue lead the competition with a first and second place. TWO LADY BUCK: The teams of Majewski-Cummins, Easley-Kudner, and Bledsoe-Morgan wage war on the 11-inch cant. Bledsoe and Morgan cut off a fourth place finish.

1:30 p.m.--SPEED CHOP: Dave Case, Dick Rogler, and Bob McGaughey all discover that cottonwood isn't always soft.

2:30 p.m.--PULP TOSS: The team of Speer, Meyer, Miller, and Manogue had trouble throwing those little sticks between the poles.

3:30 p.m.--TWO MAN BUCK: The teams of Rogler-Manogue, Vanice-Brown, and Ruff-Donahue are beaten by the 14-inch cant.

4:30 p.m.--SPECIAL EVENT: After running one-half mile, Rick Meyer passed the axe to Mark Poliak and Jeff Crosby. These two then canoed their way to the log pack. After finding the purple log, they headed back to shore. The pass between Poliak and McGaughey was flawless and with four fatal blows of the axe the log was quartered. The clock was stopped and Purdue had won the special event!

6:00 p.m.--Dinnertime followed by discussion of the day's events.

8:30 p.m.--Purdue leaves the awards program with their third place prize, a baby chain saw. Minnesota won first place, followed closely by Missouri.

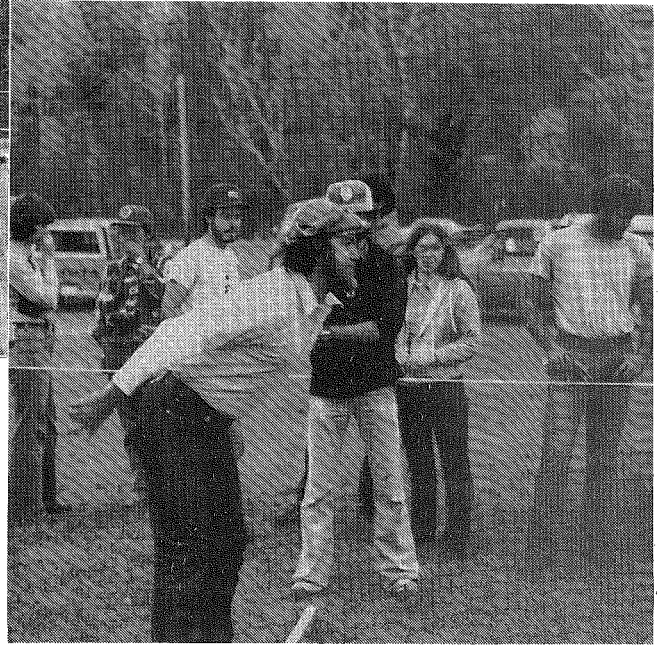
Now it was time for the real event--THE ICE CREAM SOCIAL: disappointed with the type and quality of ice cream being served, Purdue's foresters pooled their resources and held what could become an annual event: The Purdue Bonfire. "A good time was had by all."

Sunday, October 21

As the sun was rising, Purdue's team was on the move, heading back to West Lafayette. The long trip allowed for lengthy discussions concerning the events of Saturday. Not only were the past events discussed, but plans were also made for next year when Purdue will journey to Missouri for the 29th Annual Midwestern Forester's Conclave!



Charlie Manogue, with his usual flair, throws the bolt through the air.



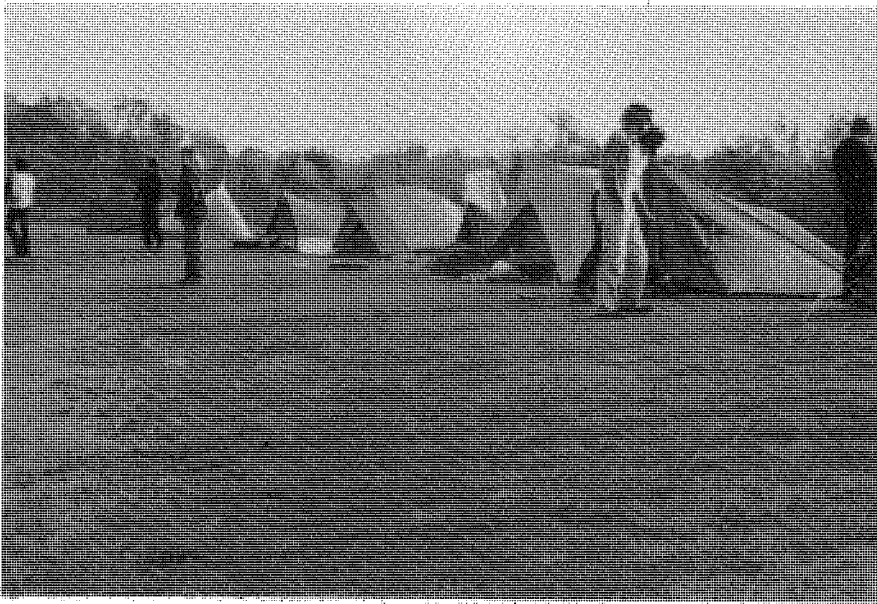
Jeff Crosby lets it all fly hoping to hit the paper.



The tin man has fallen and must be put back together.



Loren Emerson proves to be master of the topo tape.



Home sweet home; for a weekend at least.



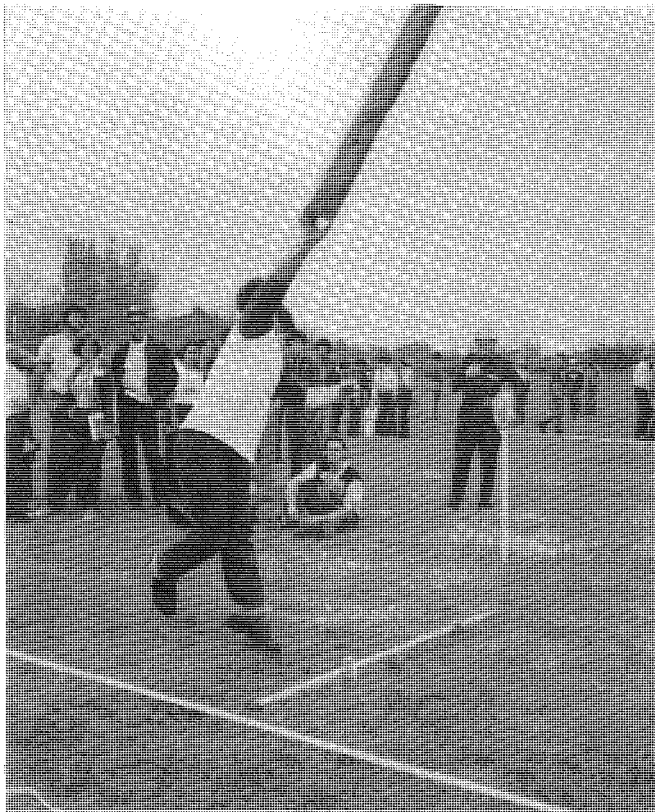
Donna Easley shows how easy it is to use a crosscut saw.



Dave Case and Bob McGaughey, with Rick Meyer coaching, maneuver the log past the wall.



The 1979 Purdue Conclave team, one happy bunch of foresters.



Dave Case showing his graceful style in what proves to be a winning bolt throw.



Charlie Manogue awaits the starting signal with nervous anticipation.

THANK GOD WE'RE IN FORESTRY

Well life at Purdue is kinda laid back
Ain't nothin that a forester like me can't hack
Early to rise, late in the sack
Thank God, I'm a lumberjack

When the classes are over and the sun sets low
I stay up all night memorizing dendro
From Parker to Montague to Dottavio
Thank God we're in forestry

(chorus)

Well, I got d.b.h. and I got conversion charts
From the boles to the crowns to the stumps and the hearts
By the time you're a junior you know all the parts
Thank God we're in forestry

Well I'd walk all day in the woods if I could
But Charlie and Merritt wouldn't like it very good
So I study when I can and party when I should
Thank God we're in forestry

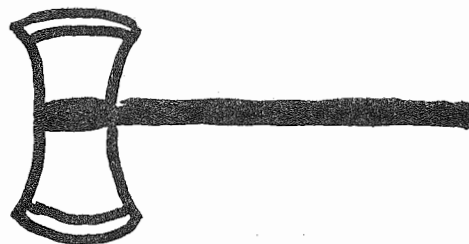
(this next verse is dedicated to the women foresters)

Well my mother taught me young how to clean and serve tea
But I turned my back on that after Chaney's 103
'stead of cleaning for a man I'm learning ecology
Thank God I'm in forestry

(chorus)

Well I got my hikin boots, I got my chainsaw
Got my huntin knife and great big chaw
Life ain't nothin but a walnut after all
Thank God we're in double E

Lorrie Beaver and Annette Schultz

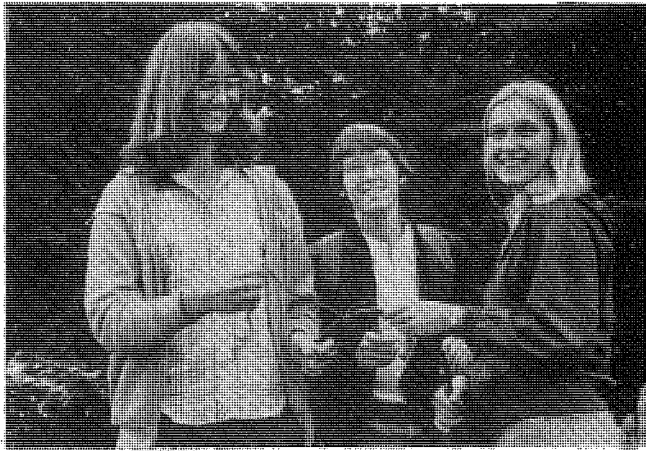




You glance up these paths, closely embraced by bent trees, as through the side aisles of a cathedral, and expect to hear a choir chanting from their depths.

Henry David Thoreau

Juniors



Petra Bohall, Gerald Pullen, Sheri Bone



Ray Fahlsing, Karen McDonald, Linda Dunlevy, and grad. student Steve Laue



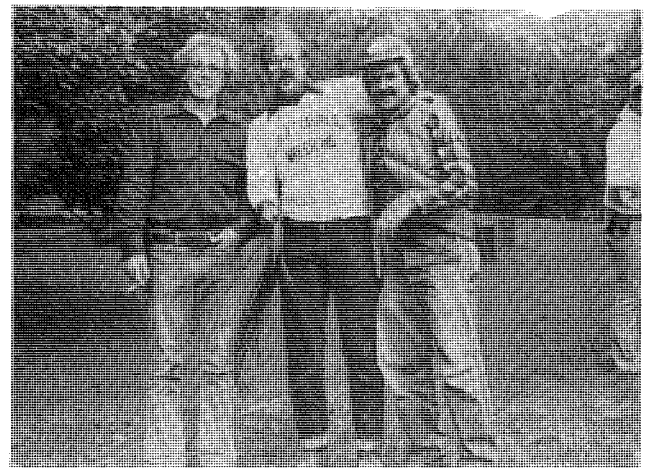
Lee Eckart, Sally Noelle, Connie Helman



Linda Rehm, Linda Corbett (kneeling),
Lynne Brand



Paul Wolsely, Brent Gilliatt, Scott Butterfield



Stanley Livingston, Scotty Bruer, Joseph Tutterrow, and Alan Crusier



Martin Thompson, Tom Whalen, Tim Colucci



Sean Casey, Steve Chambers, Doug Cooper



Mark Ratliff, Jeff Miller, Brian Buckles



Kurt Boller, Julie Taggart, Kessler Yoder



Doug Cooper, Tom Culligan, Richard Petrecca, Sean Casey



Richard Petrecca, Robert Joyce, Connie Helman (background), Sally Noelle (background), Tom Culligan



Brian Buckles, Rick Speer, Gary Cole,
Becky Parmenter



Bill Kerber, Marty Whittaker, Martha
Judy



Paula Gallo, Scott Starling,
Shannon Dare



Alan Cruser, Rick Speer and Gary Cole



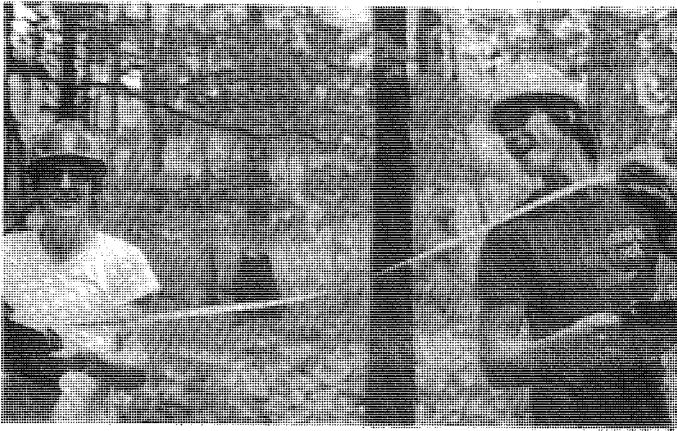
Al Parker and Jamaica.



*The woods are lovely, dark and deep,
But I have promises to keep,
And miles to go before I sleep,
And miles to go before I sleep.*

Robert Frost

Seniors



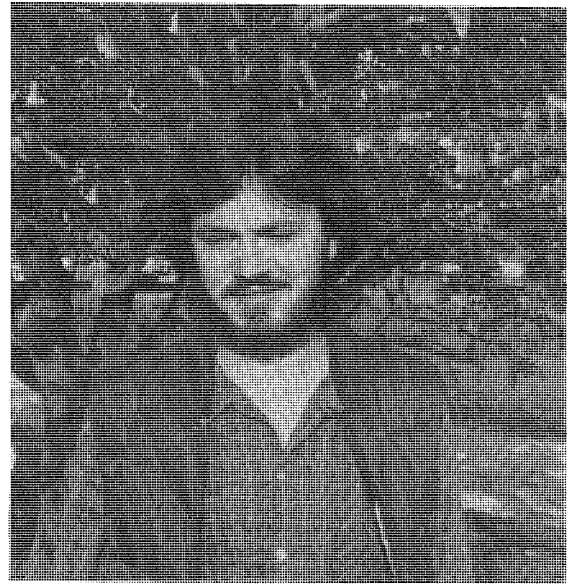
Don Warner, Jim Neal



Curt Kennedy, Sue Majewski, Carol Iwazewski, Roberta Corwin, Chris Berry, Jim Schroering, Tom Riggs, Brian Henry, Steve Lewis, John Raney



Kim Rafferty



Mike Fields

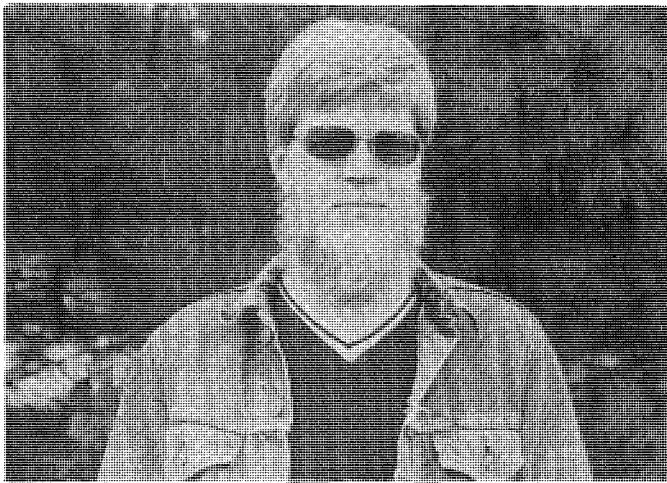


Cathy Morgan, Babs Kudner



Jill Purvis

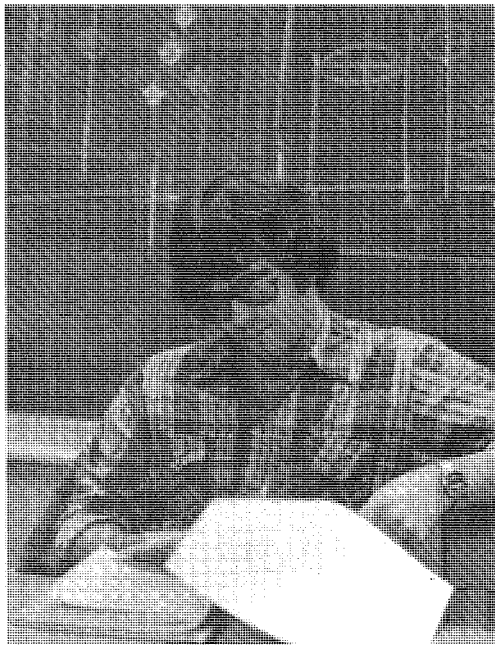
45



Roger Stuart



Matt Tangman, Dave Hensley, Mark Korn,
Jeff Lohman, Ed Sprunger, Mike Brinson



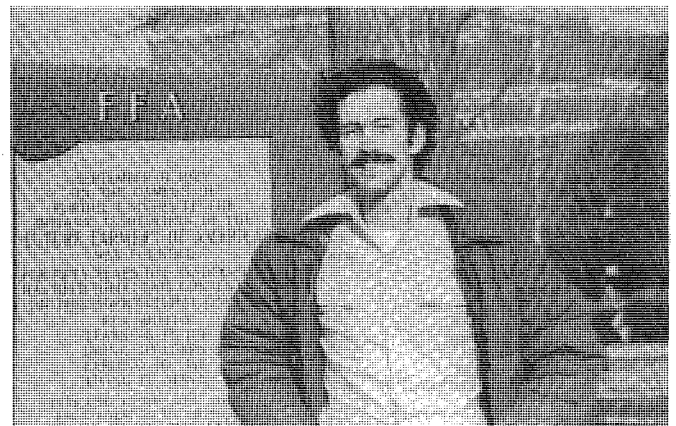
Rick Podell



Maggie Watson



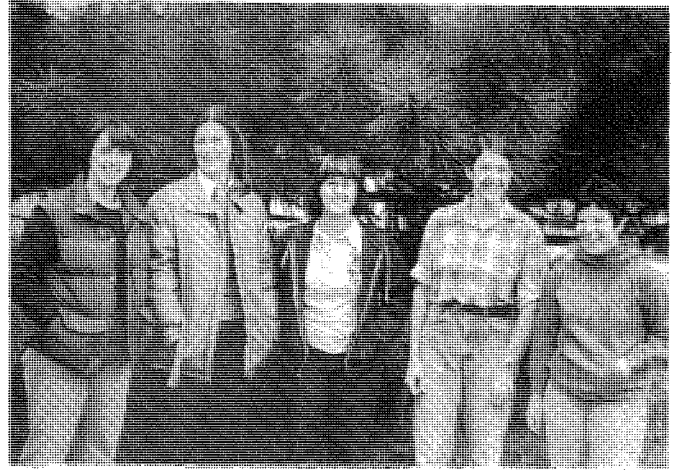
Ted Stoeker, Mike Mitchener



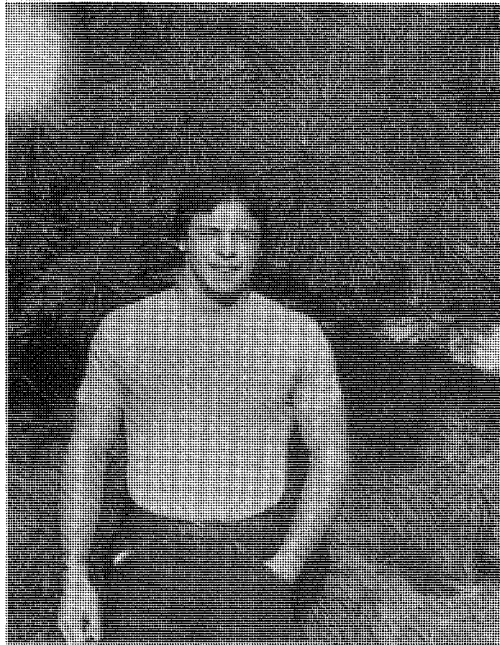
Guy Hochsteller



Mike Vitello



Carol Filipiak, Mary Ward, Vicki Giroud,
Vicki Lewis, Jean Montgomery



Greg Van Horssen



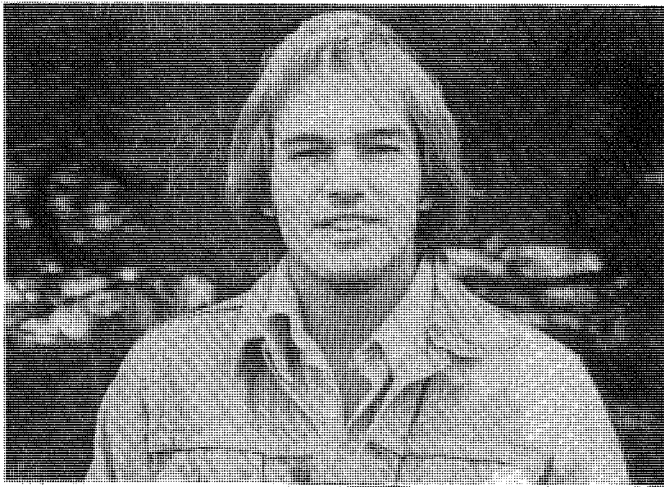
Tim Sampson



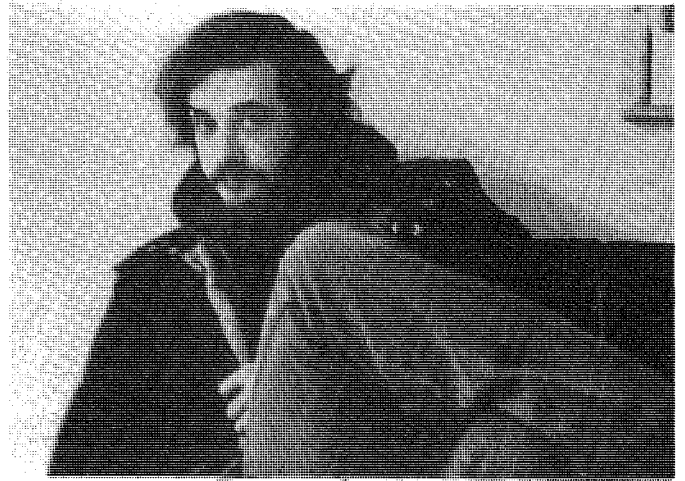
Larry Hall



Mike Dujan, Lorrie Beaver,
Ted Stoeker (again), Greg Greer



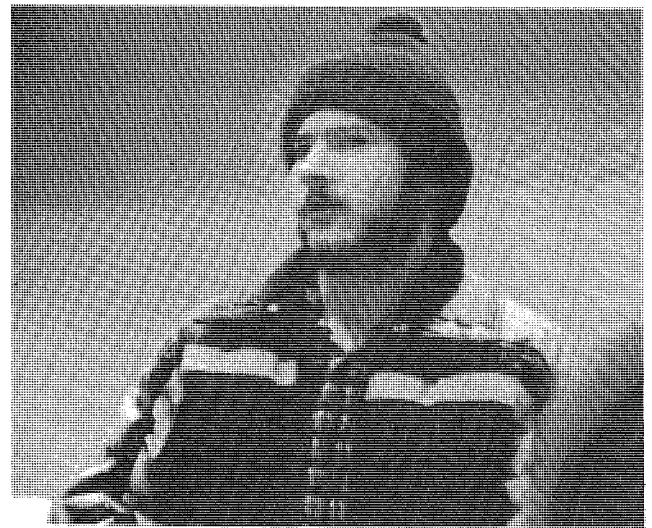
Dave Green



Dana Radavitch



Tom Torsell



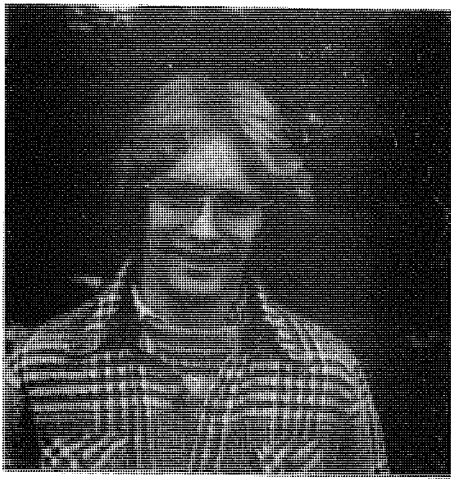
John Falcone



Elise Sclieman



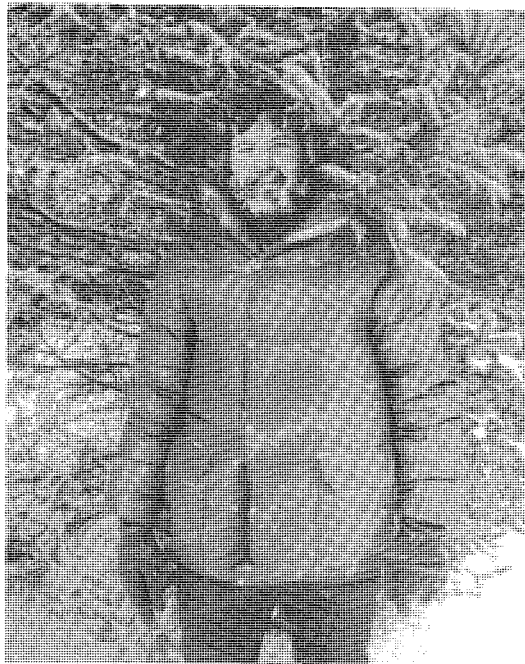
Dave Arrington



Mark Walker



Betsy Blair



Larry Medlock



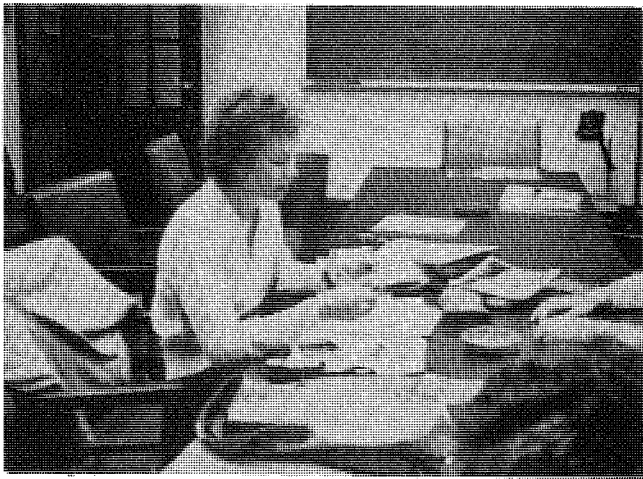
Jim Schroering



Diane Gregory



Jeff Kline



Beth Adams

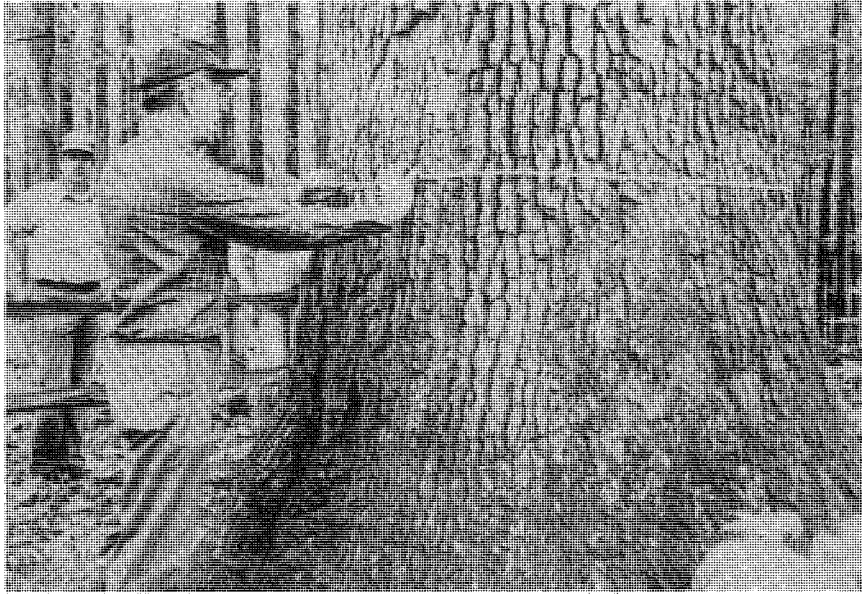


Roger Judd



Amy Robinowitz





This two year old white oak is the result of recent genetic research at Purdue



*To be wholly alive a man
must know storms, he must feel
the ocean as his his home or
the air as his habitation. He
must smell the things of earth,
hear the sounds of living things
and taste the rich abundance
of the soil and sea.*

James Michener



CO-OP IN NEW HAMPSHIRE

by

Jean Bledsoe

I applied for co-op when I was a sophomore, not really expecting much to come of it. Then one day Dr. Senft called and asked, "How would you like to go to the White Mountains of New Hampshire?" I replied, "I'd love to, where is it?" I found it on the map and made my way out to the Saco Ranger District in January 1978. I woke up my first morning in New Hampshire to find two feet of new snow - and that set the pattern for my first work session. Sometimes I questioned trading a warm classroom for trudging up mountains on snowshoes (a new and physically demanding experience), but not very often. I learned what a national forest is and what it does. Timber inventory, boundary maintenance, government employment programs, recreation administration

(cleaning outhouses) and "other duties as assigned" were all part of the education.

But the most important lesson I learned was how to get along with a group of men with definite ideas about what kind of job a woman should have. After some barriers were broken down, they turned out to be a great bunch of guys and became close, personal friends.

During the second work session in the fall of 1978, I was back in Conway learning the timber/inventory process, and yes, I did use some of that stuff that's taught in mensuration and silvics. Tramping through the woods by yourself, learning and earning all at the same time is a tremendous feeling.



Jean Bledsoe with marking crew on the Saco Ranger District, White Mountain National Forest, in the winter of 1979.

After inventorying 1000 acres and writing a management plan, I joined the timber marking crew. I learned how to make a lunch fire on the snow and toast sandwiches, burn snags, and conduct beechnut surveys, as well as how to determine defect, measure height to 4" DIB and DBH by eyeballing it, and grade sugar maple and yellow birch.

Session #3 was on the Androscoggin Ranger District at the YCC (Youth Conservation Corps) Camp Dodge. I was a work leader for a group of 10 enrollees - a totally new experience. High school students from all over New Hampshire participated. It was a very foreign experience for the majority to live in tents and work in the woods. The camp was set at the base of Mt. Washington, the dominant feature in the White Mountains.

Work projects included campground site rehabilitation and wilderness campsite obliteration, apple orchard release, creation and maintenance of wildlife openings, constructing an outhouse and building a footbridge, finding superior trees and counting hikers on Mt. Washington, and construction and maintenance

of hiking, skiing, and snowmobile trails.

I gained the work leader experience that I set out to learn. But I also learned that it's not as easy as it seems, even with a group of high school kids. YCC positions are available to almost every applicant, as there are programs on almost every national forest and national park and also at the state level.

Next summer I'll return to Conway as an assistant timber sales administrator. Enforcing contracts, laying out skid trails, checking product utilization, road condition surveys, layout, mapping, marking and selling small ranger sales will all be included in my duties. I'm looking forward to another challenging work experience.

Co-op isn't for everyone, but I've derived an immeasurable amount of experience, seen and lived in another part of the country, met some great people, and even gained an increased enthusiasm for classes that I now know will really be useful.



Rocky Gorge Scenic Area on the Swift River, White Mountain National Forest.

TALES OF JEANNIE

by

Jeannie Zelko

I never thought I'd see the day when I would be working "out west" for the Forest Service. After three long days and two nights on a Greyhound Bus, I was still excited about working on the Fremont National Forest. But deciding to take a bus all the way to Paisley, Oregon may not have been one of the wisest decisions of my life.

The trouble started when our bus was late on arrival in Bend, Oregon. I could not believe that after getting so far, the bus to Paisley had already left. Even more disenchanting was the fact that the next bus to Paisley would not arrive for two days. My backside was aching and the thought of spending one more minute on a hard bus depot bench was enough to make me wonder if the money I had saved by taking the bus was really worth it. This situation was even more upsetting because it would make me late for work! Thank goodness I wasn't alone in my anguish. Ray Fahlsing, a fellow Purdue student was accompanying me since we were both hired by the Paisley Ranger Station. Deciding to hitch-hike, we set off together to cover the last one hundred and twenty miles of beautifully rugged country.

The bus company agreed to take most of our luggage so we wouldn't be overburdened on the road. We were amazed at the dryness of the climate. Even though it was early spring, the heat of the day was unbearable as we plodded on the endless miles of highway stretched out before us. The contrast to the endless miles of blue sky was breathtaking.

As we rode in the back of a cowboy's pick-up truck, we were astounded at the change from conifers to sagebrush deserts. Both Ray and I were disillusioned at the dry eastern Oregon climate. We had pictured a higher elevation in the

mountains with dense conifer forests. Passing a neighbor Ranger Station in the middle of the desert made us wonder if the Fremont National Forest had any trees at all. Oh well, we contented ourselves that the miles to go would be an ascent into higher elevations. Finally, our destination was reached and we realized that the forests were located in the adjacent mountain ranges.

We were welcomed to the Paisley Ranger Station by six smoke jumpers from Grangeville, Idaho. They were on detail work to help our district in a reforestation project. They were the craziest bunch of characters I have ever met and Ray and I were excited to find out we'd be working with them.

After going through all the red-tape of filling out forms, getting equipment and one hundred and one other things, we finally made it through our first morning. After lunch, we met our supervisor. He had a real complex about having direct eye contact that took some getting used to. He could not speak to you unless his head was turned the other way or unless it was intently gazing at the interactions in the soil between his feet. But he was a very intelligent person and proved to be an excellent supervisor.

We got our first taste of work as we drove up miles of narrow, winding gravel roads to a planting site on the mountain. I got out of the rig (truck) and immediately slaughtered seven monstrous mosquitoes as I made one quick slap to my forearm. It was a gorgeous day and the deer flies were buzzing in my ears, tangling my hair and causing a great frustration. I was glad it was an hour's drive back down the mountain to the station since it meant that the last hour could be spent scratching my

bites and observing the grandeur before my eyes.

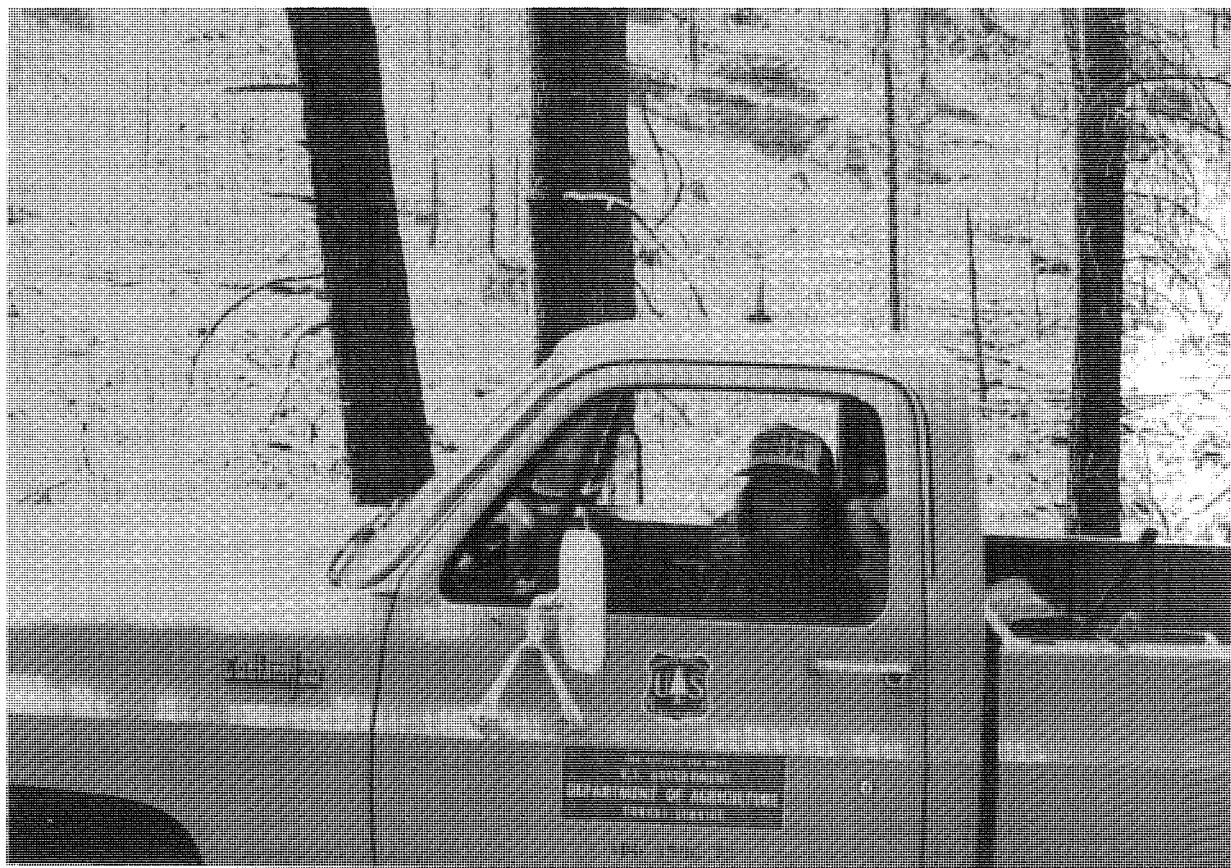
The next day was spent up on the mountain. When we got off work, we were informed that a prescribed burn had gone out of control. So we were shuffled into a room to take the step test. The Forest Service requires that this be passed before fighting forest fires. Having passed the test, both Ray and I were issued fire shirts, gloves and equipment and told to be ready to go at four o'clock in the morning. It was only our second day on the job and already we were going to a forest fire!

The excitement and thrill of dangerous adventure was everywhere. I had never been so filthy, grimy and unbelievably dirty in my life. Ray voted me the filthiest female on the

fire! We stayed three days fighting this fire and slept in government issued paper (yes, paper) sleeping bags. Being up so high in the mountains made the stars I slept under seem bigger and brighter than ever. This was a tremendous learning experience and all part of the job with the Forest Service.

The tales to be told here are endless. Work with the Forest Service consisted of a variety of things. Traversing, compassing and pacing, map reading, planting contract inspection, plantation monitoring to determine the percent survival of planted trees and, of course, fire fighting, were all part of the job.

From its exciting beginning to the end of the summer my work with the Forest Service proved to be everything that I expected and even a little bit more.





A SUMMER IN THE SHADES

by

Martha Judy

"Hello, this is Gary Warmouth of The Shades State Park. I was wondering if you are still interested in the naturalist position..." Of course I was interested! After four months of sending out resumes, bouncing across Indiana in Greyhound buses to interviews and wondering if I'd ever have a job, I was the naturalist for the Shades.

Initially, I was delighted, but by

the time Smokey Bear patches and Indiana seals branded my forest green shoulders, I was petrified. Having barely hiked the park's trails, I faced Memorial Day weekend and the prospect of doing a morning, afternoon and evening program each day.

"What am I doing here? Why do I have a park to myself?" I asked. "I'm crazy for thinking I can dream up 20

programs each week!" The questions bombarded me, but memories, of babbling about how May Apple is poisonous unless it is ripe and a nature bingo slide show with lots of happy people, tell me that somehow I made it through my first week-end.

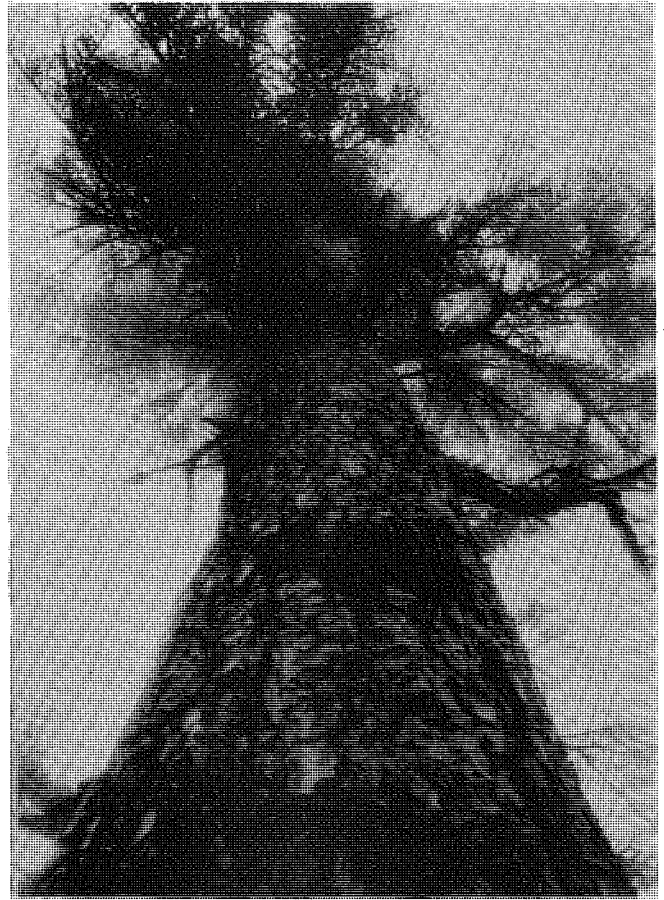
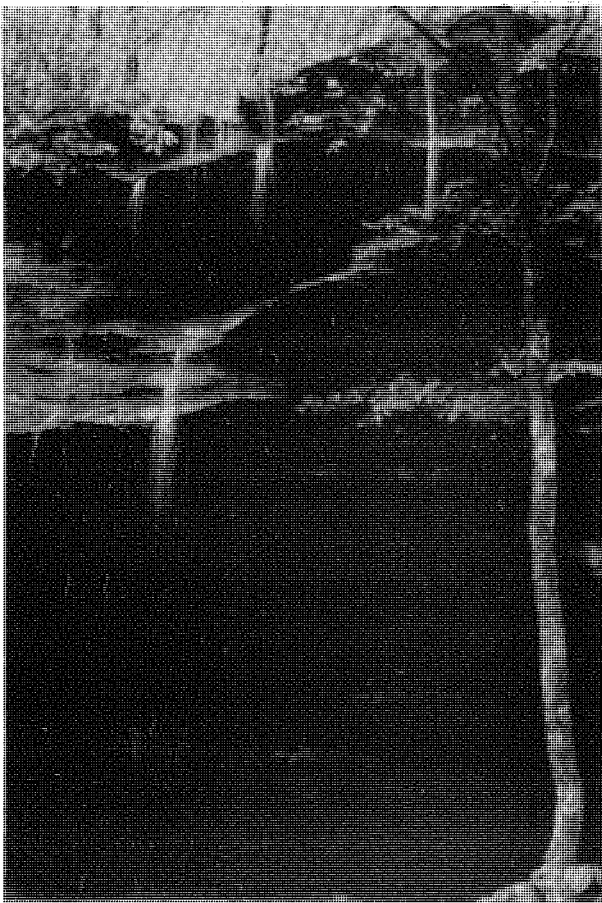
Before long, scheduling and giving programs was easier, especially after Bill Maudlin, the stream specialist for Sugar Creek, agreed to help with my Friday night programs. We devised a "Canoe Workshop" which took advantage of some of my worst habits. After pulling on some faded jeans and a sloppy shirt, and stuffing my hair under a floppy hat, I was no longer, "Miss Naturalist", but Martha Judy--that girl who asks all the dumb questions. Pleasantly hidden in the audience, I challenged Bill with such brilliant questions as, "Does the stream flow in a circle so we can paddle back to the canoe rental? Shouldn't people strap their kids in the canoe so they won't fall out?" Every Friday night Bill patiently taught me that the wide end--not the narrow end--of the paddle goes in the water. At first some people were irritated with the "dumb lady", but soon everybody was laughing, asking questions, and joining Bill in his threats to throw me in the creek. Thanks to Bill, the canoe workshop became my most popular program.

After a month of Canyon Climbs, Habitat Hikes, Ghost Hunts, Raptor Slides and campfires, a couple of YACC workers gave me another challenge--a half dead raccoon cub. "Here, he can

die in your arms," they said as they handed me the scrawny thing. Two weeks later, all bets about his death-date were forgotten when Rue gave up his convulsions in favor of snorting applesauce. Riding on my shoulder as I biked around the park and following me as I inventoried the plants on the trails, Rue made my summer seem like a Disney story.

At other times it seemed more like a Gong Show. Campers sometimes spiced up my life by pounding on my camper at 1:00 a.m., awaking me and demanding that I silence another camper. The weather played some tricks too, like making a night so black that I got lost on my own night hike and another night so bright with lightening that it trapped 20 people in a picnic shelter while giving the movie a permanent intermission. Between Rue, the people and the weather, I was never bored.

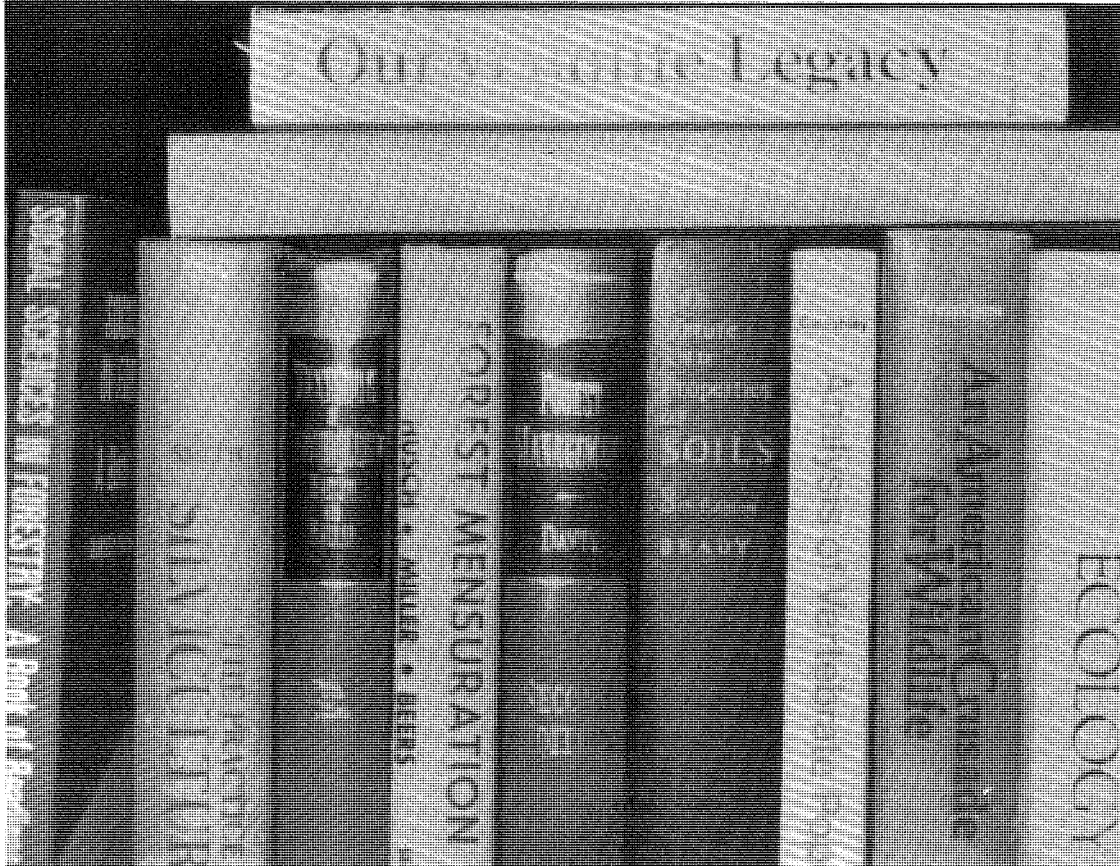
By the end of the summer, I was almost used to my crazy life of talking to campers, pestering Bill Maudlin about canoes, picking up garbage with the Jr. Naturalists (kids), and getting into trouble with Rue. Even so, I was glad to see the red brick city and have "normal" weekends again. I left behind a raccoon, well on his way to becoming one of the best con artists in the wild, and brought back a new knowledge about all kinds of people and how they relate to nature. Most of all, I came back with a million memories about a summer in The Shades.



He knew another place, a wood,
And in it tall as trees, were cliffs;
And if he stood on one of these,
'Twould be among the tops of trees,
Their upper branches round him wreathing,
Their breathing mingled with his breathing.
If — if he stood! Enough of ifs!
He knew a path that wanted walking;
He knew a spring that wanted drinking;
A thought that wanted further thinking
A love that wanted re-renewing.

Robert Frost

FACULTY AND STAFF



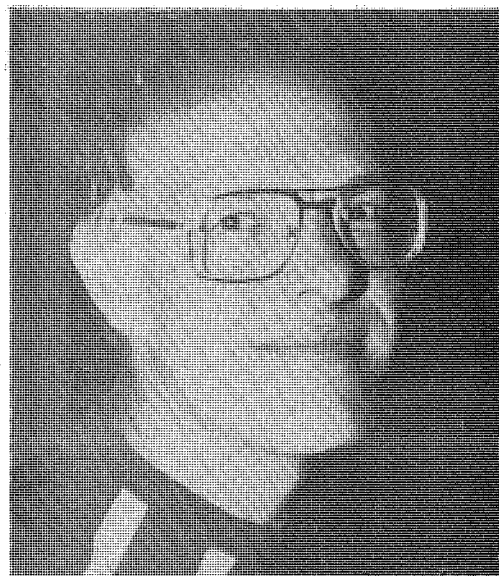
INSTRUCTION IN YOUTH IS LIKE
THE PLANTING OF THE SEED IN THE
GROUND AT THE PROPER SEASON.

- HIPPOCRATES

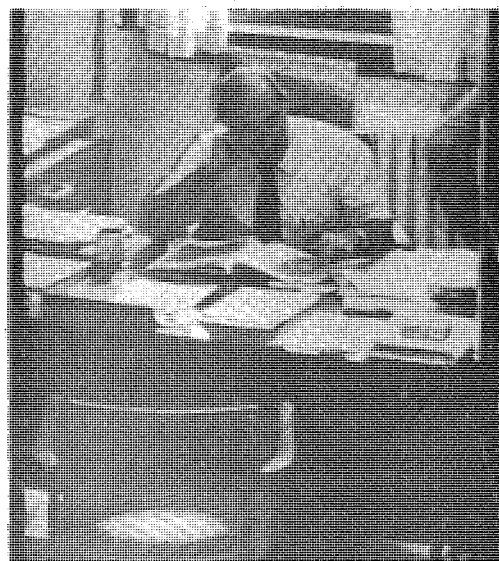
Thomas W. Beers, originally from Greensburg, Pennsylvania, received his BS and MS from Pennsylvania State University. He received his PhD in Forest Management from Purdue and has been here for 23 years. He has taught Forest Biometry, Forest Inventory and Advanced Forest Mensuration. His current interests include hand-held, programmable calculators. His hobbies include hunting, fishing, fly-tying, rod building and ammunition reloading.



Walter Beineke, who is from Indianapolis, received his BS from Purdue, his MS from Duke and his PhD from North Carolina State. He has been at Purdue for 15 years and has taught Dendrology and Forest Genetics. His current interests include comparisons of different species in wood quality and biomass as it relates to energy production and genetic improvement of Black Walnut. He has published 25 articles on genetic improvement of walnut and has patented 3 clones.



William R. Byrnes, from Barnesboro, Pennsylvania, received his BS, MS and PhD from Pennsylvania State University. He has been at Purdue for 17 years and has taught Forest Soil and Water Management, Research Methods in Forestry, Forest Soils at summer camp, Forest Resources Seminar and Forest Typology. He is a member of several societies including the Soil Science Society of America, SAF and The Walnut Council.





John C. Callahan is from Grosse Isle, Michigan. He received his BS from Michigan State, his MS from Duke and his PhD from Purdue. He's been at Purdue for 29 years, teaching Forest Economics, Economics of Natural Resource Systems and Urban Forestry. His current research and interests include timber supply, fiscal incentives, forest policy and non-industrial private ownerships. His hobbies include politics, travel and working with wood.



Mason C. Carter, from Alexandria, Virginia, received his BS and MS from Virginia Polytechnic Institute and his PhD from Duke. He formerly taught Plant Physiology at Auburn before coming to Purdue in 1973. He has been in administration here since then. He is a member of several societies including SAF, American Forestry Association and Xi Sigma Pi. He enjoys hunting, fishing and golf. Dr. Carter was recently appointed to the technical advisory committee of the White River Park Commission in Indianapolis.

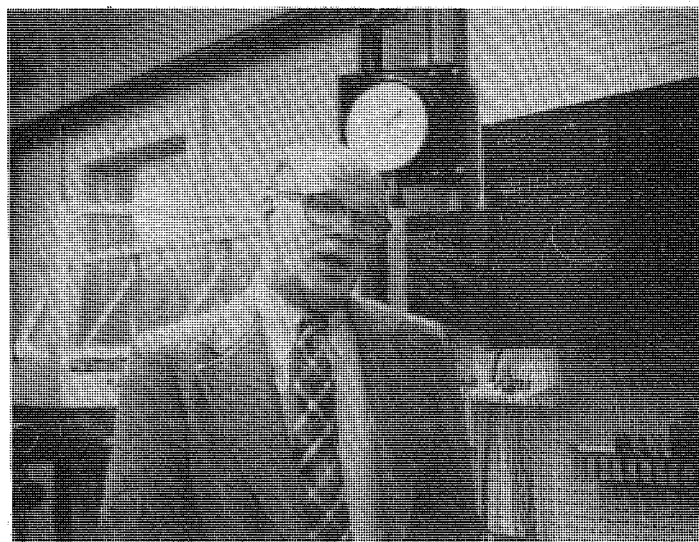


Daniel Cassens, originally from Dixon, Illinois, received his BS from the University of Illinois, his MS from the University of California at Berkeley and his PhD from the University of Wisconsin at Madison. He has been at Purdue for 3 years and his current research includes biomass and stain in hardwood logs and lumber. He is a member of the Forest Products Research Society. His hobbies include building and antique collecting.

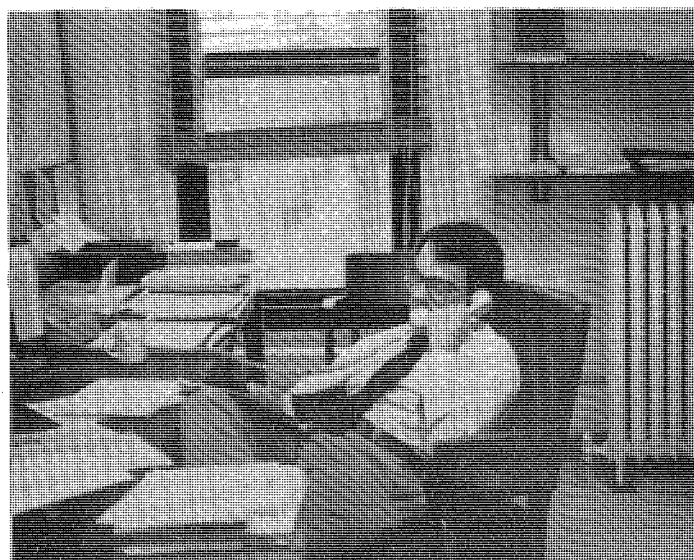
William R. Chaney, from Sherman, Texas, received his BS from Texas A&M University and his PhD from the University of Wisconsin. He has been at Purdue for 9½ years teaching Introduction to Natural Resource Conservation, Dendrology and Physiological Ecology of Woody Plants. His current research and interests include physiological relationships between mycorrhizal fungi and host plants and woody biomass for energy use. His hobbies are wood working and carpentry and collecting U. S. stamps.



Carl A. Eckelman, who is from Columbus, Indiana, received his BS, MS, and PhD from Purdue. He's been at Purdue since 1963 teaching wood products classes. His current interests include furniture design and reconstituted wood products. He is a member of the Forest Products Research Society and the Council on Furniture Engineering and Research. His hobbies include wood-working, hunting, fishing and history.

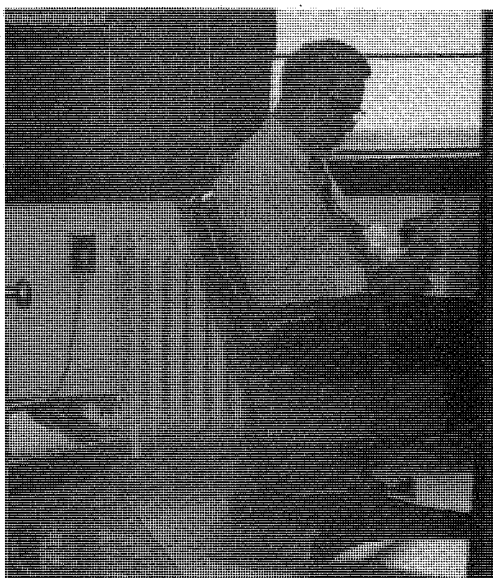


Burnell C. Fischer, from Hammond, Indiana, received his BS, MS and PhD from Purdue. He has been on the faculty since 1977 teaching a course in woodland management for the 8-week course in Agriculture. His current research and interests include uneven-aged silviculture, silviculture of small, private, non-industrial woodlands and forest opening dynamics. He is a member of SAF, the Ecological Society of America, Audubon Society and Sierra Club. His hobbies include jogging and gardening.

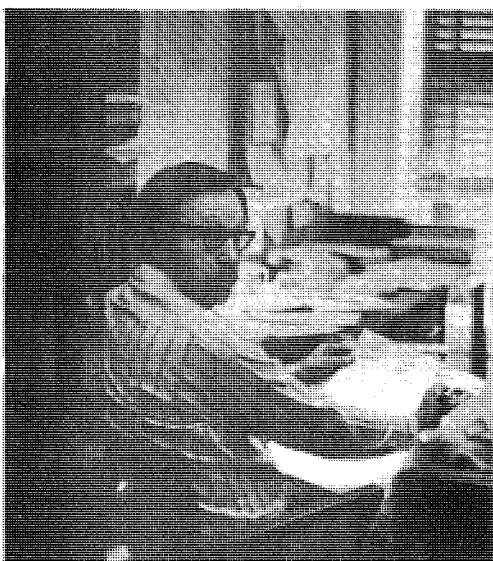




William L. Fix, from Lafayette, Indiana, received his BS from Purdue and his MS from Michigan State University. He has been at Purdue, working with the Extension Service in forest management, for 33 years. His current interests include small woodland management and 4-H and youth programs. He is a member of SAF, the Indiana Academy of Science, Xi Sigma Pi and Epsilon Sigma Phi. His hobbies are gardening and reading.

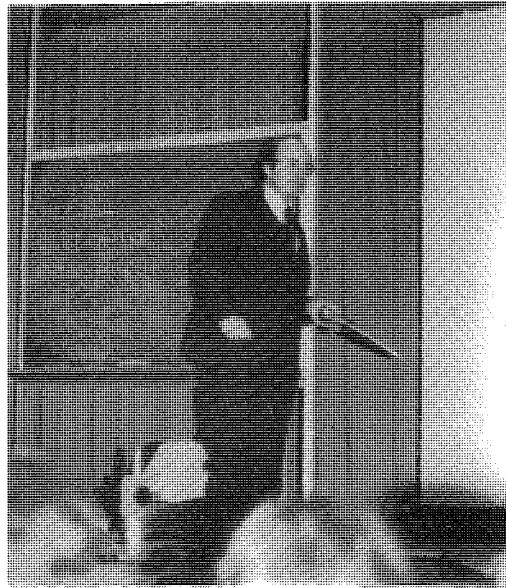


Roger M. Hoffer, originally from Rogers City, Michigan, received his BS from Michigan State University and his MS and PhD from Colorado State University. He has been at Purdue for 15 years teaching courses in Remote Sensing. His current research and interests include interpretation of color infra-red photography and the use of satellite data for monitoring the extent and condition of forest resources. His hobbies include camping, canoeing, wood-working, church choir and working with Boy Scouts.

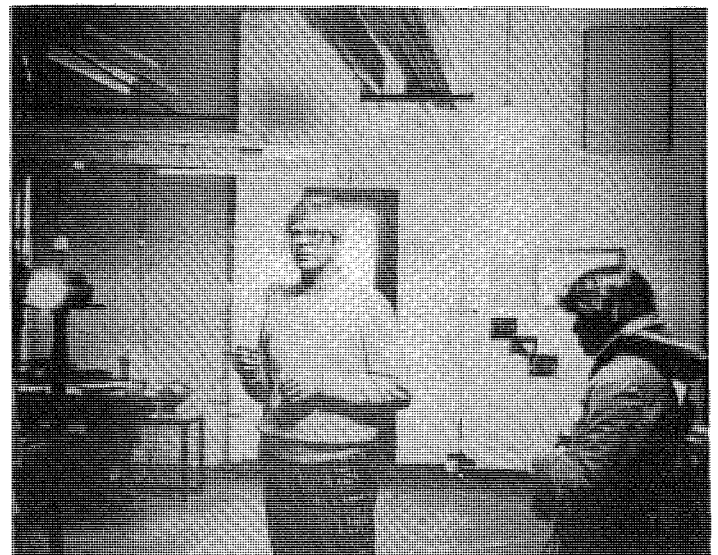


Harvey A. Holt, from Muskogee, Oklahoma, received his BS from Oklahoma State University and his MS and PhD from Oregon State University. He has been at Purdue for 5 years working in the Extension Service with pesticides. His current interests include vegetation management in forest and rights-of-way situations. He is a member of Xi Sigma Pi, SAF, the Weed Science Society of America, the International Society of Arboriculture and the Walnut Council.

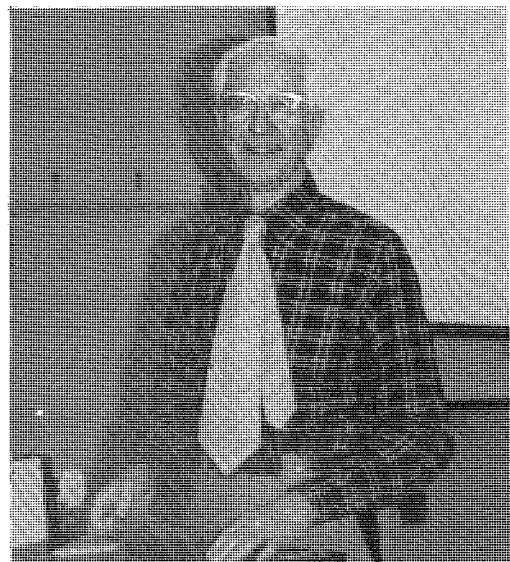
William L. Hoover, from Clearfield, Pennsylvania, received his BS and MS from Pennsylvania State University and his PhD from Iowa State University. He has been at Purdue since 1974 teaching Forest Resources Finance and Timber Tax Management. His current research and interests include design and marketing of new wood-based products, tax law related to timber investments, timber tax policy and investment analysis. He is a member of SAF, the Forest Products Research Society, Xi Sigma Pi, the American Economics Association, Phi Sigma and Tau Phi Delta.



Michael O. Hunt, originally from Louisville, Kentucky, received his BS from the University of Kentucky, his MS from Duke University and his PhD from North Carolina State University. He has been at Purdue for 19 years in a research and extension appointment. His current research includes structural applications of wood-base composites. He is a member of the Forest Products Research Society, the Society of Wood Science and Technology, the American Society for Testing and Materials and the Council on Furniture Engineering and Research.



C. M. Kirkpatrick, from Greensburg, Indiana, received his BS from Purdue and his MS and PhD from the University of Wisconsin. He has been at Purdue for 38 years and has taught classes in Wildlife Conservation, Game Management and Wildlife Issues. His recent research topics have included ruffed grouse reproduction, pseudorabies in wildlife, snapping turtle foods, sand-hill crane habitat and population studies, and emperor goose ecology. He is a member of the American Society of Mammalogists, the Wilson Ornithological Society and the Wildlife Management Institute, among others.





Douglas M. Knudson, from Pueblo, Colorado, received his AA from Pueblo College, his BS and MS from Colorado State University and his PhD from Purdue. He has been on campus since 1967 teaching Outdoor Recreation Administration, Recreation Resource Planning and Environmental Interpretation. His current research includes the cost effectiveness of recreation services, the National Skier Survey and recreation resource planning and management. He returned this winter from a 6 month sabbatical leave with the U. S. Forest Service research station in New Hampshire.

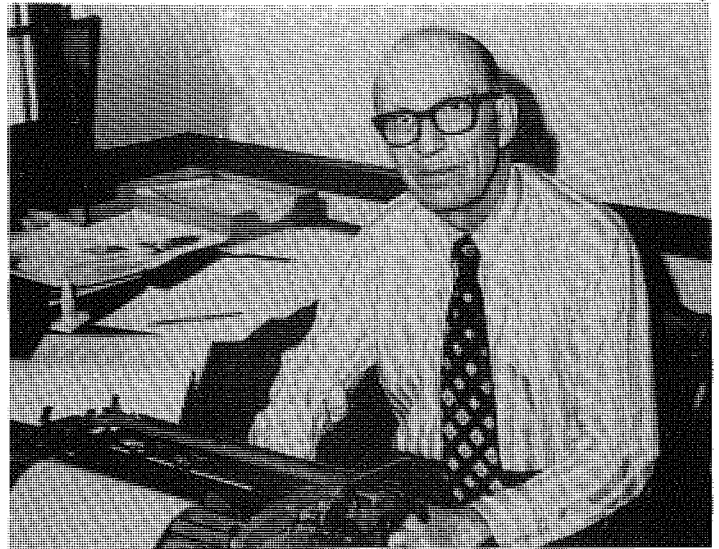


Herbert C. Krauch, from Indianapolis, Indiana, received his BS and MS from Purdue. He has been at Purdue for 21 years working with the Extension Service in forestry and more recently as a wildlife specialist. He was the first certified Wildlife Biologist in Indiana. He is the current president of the Indiana Conservation Council, Inc. and is also a member of SAF, The Wildlife Society, the American Forestry Association, the elk's Club, the Masonic Lodge and the Scottish Rite. He enjoys fishing, hunting, golf and bowling.

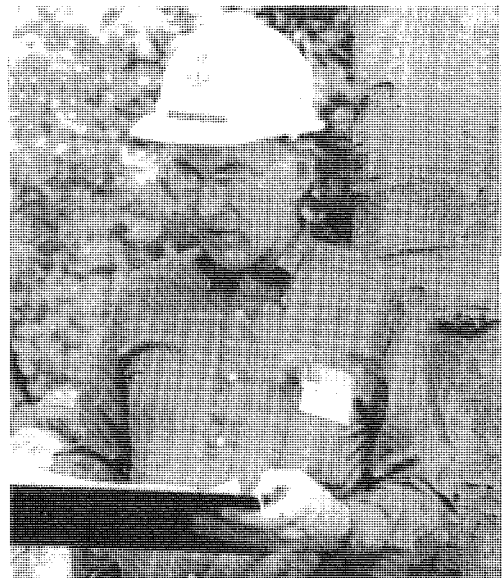


George S. Libey, originally from Pleasant Lake, Indiana, received his BS from Purdue and his MS and PhD from the University of Massachusetts. He has been at Purdue for 3 years and has taught Population Dynamics and Fisheries Biology and Management. His current research includes the biological and economic feasibility of growing catfish in Indiana farm ponds. He has published articles concerning the food habits of yellowtail flounder, the relationship between environmental variables and rates of alewife movement, a method for counting downstream migrating alewife and an inexpensive hatching jar.

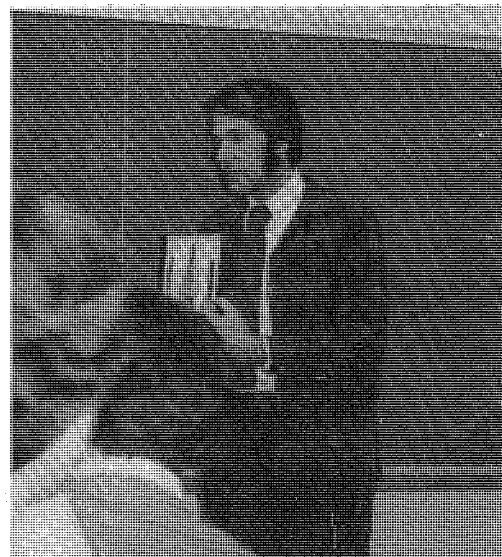
Charles I. Miller, from Petoskey, Michigan, received his BS from the University of Michigan and his MS from the University of Idaho. He has been at Purdue for 34 years teaching Natural Resource Measurements, Natural Resource Issues, Policy and Administration, and Aerial Photo Interpretation. His publications include our text for Mensuration and several technical and non-technical articles. He is a member of Xi Sigma Pi, Sigma Xi, SAF and the American Society of Photogrammetry. His hobbies include jogging, hiking, fishing, cutting firewood, reading, writing and musing.

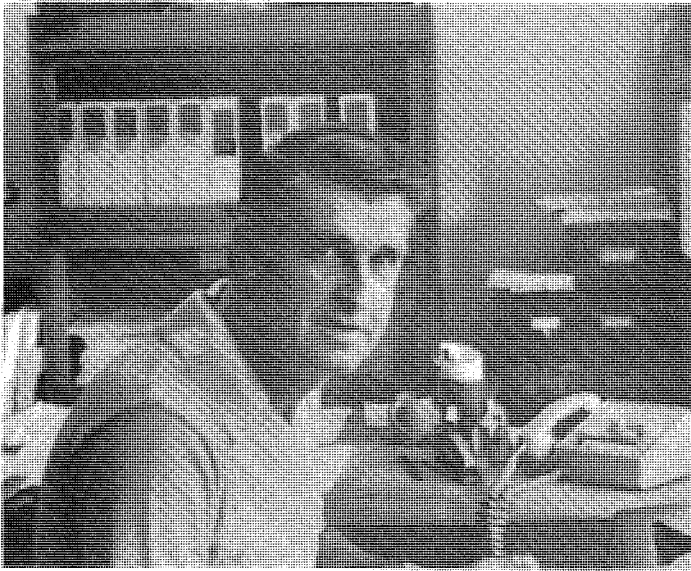


Clair Merritt, from Detroit, Michigan, received his BSF, MF and PhD from the University of Michigan. He has been at Purdue for 23 years teaching Principles of Silviculture, Forest Protection, Advanced Silviculture and silviculture at summer camp. His major research project concerns the regeneration of Central Hardwoods species, specifically the use of prescribed burning for establishment of oak and the effect of light intensity on establishment and growth of oak. He is a member of SAF and the Walnut Council. His hobbies include reading, skiing and indoor and outdoor gardening.

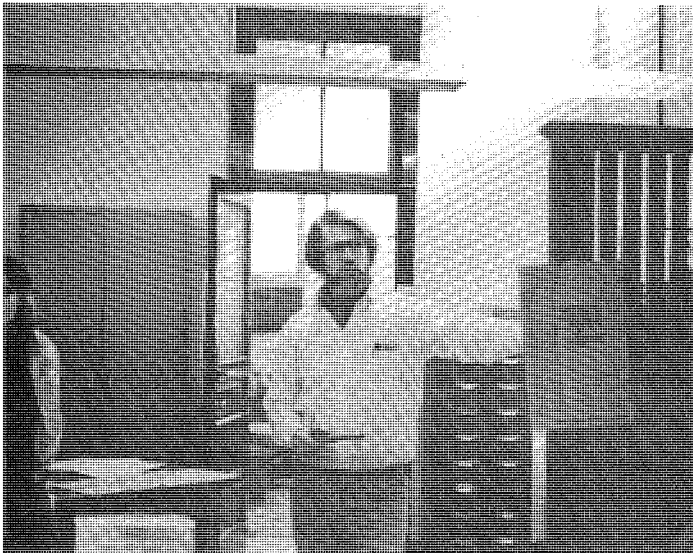


Fred H. Montague, Jr., from Lafayette, Indiana, received his BS and PhD from Purdue. He has been on the staff since 1975 and has taught Wildlife Ecology, Undergraduate Career Development Seminar and Wildlife Investigational Techniques. His current research and interests include farm wildlife management, predator-prey interactions and urban wildlife. He has published a set of 12 "Wildlife Field Notes" and an article on den boxes for squirrels. His hobbies include natural history illustration, canoeing, gardening, carving, music, reading and hiking.

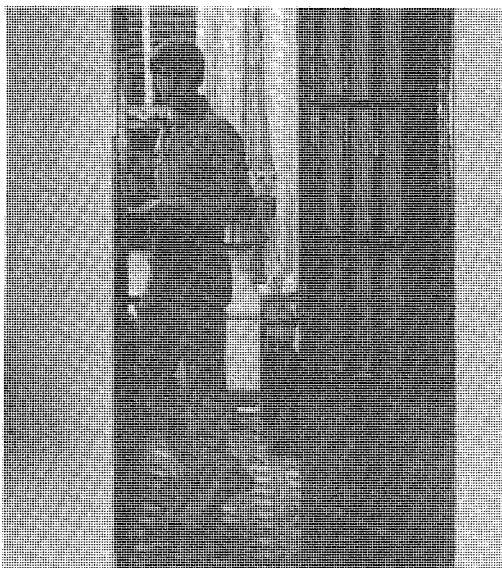




Russell E. Mumford, from Casey, Illinois, received his BS, MS and PhD from Purdue. He has been on the faculty for 20 years teaching Ornithology and Mammalogy. His current research and interests include the ecology of bats and the distribution and life histories of birds and mammals of Indiana. He is a member of the American Society of Mammalogists, the Wilson Ornithological Society, the American Ornithologists' Union, the Indiana Academy of Science, the Audubon Society and the American Birding Association. He enjoys photography, wood carving, fishing and hunting.

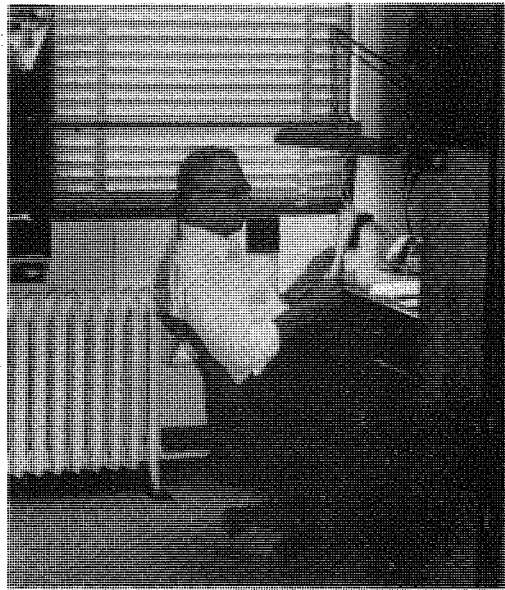


Joseph T. O'Leary, from Central Islip, New York, received his BS from the University of New Brunswick, his MS from Yale University and his PhD from the University of Washington. He has been at Purdue since 1974 teaching Leisure, Outdoor Recreation and Society, Sociological Aspects of Natural Resources and summer camp. His current research and interests include the leisure behavior of recreation consumers, ethnic variation in recreation involvement, and urban river use and users. His hobbies include jogging, coaching 5th and 6th grade soccer teams and trying to keep up with his kids.

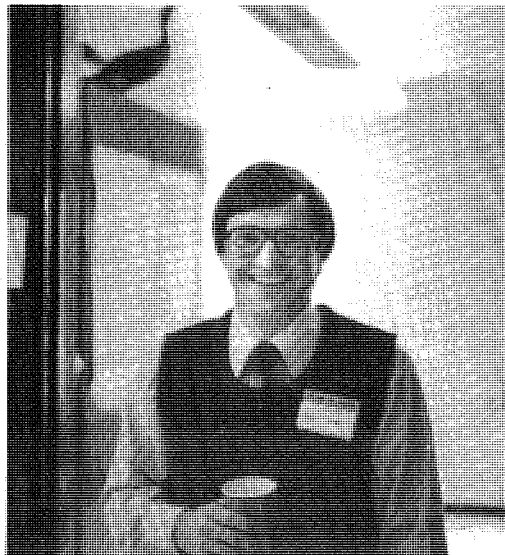


George R. Parker, originally from Sand Springs, Oklahoma, received his BS and MS from Oklahoma State University and his PhD from Michigan State University. He has been at Purdue for 9 years and has taught Dendrology, Ecological Impact Analysis and Forest Ecology. His current research and interests include nutrient cycling and structural change in forest ecosystems. He is a member of the Ecological Society of America, The Indiana Academy of Science and the Nature Conservancy. His hobbies include coon hunting and photography.

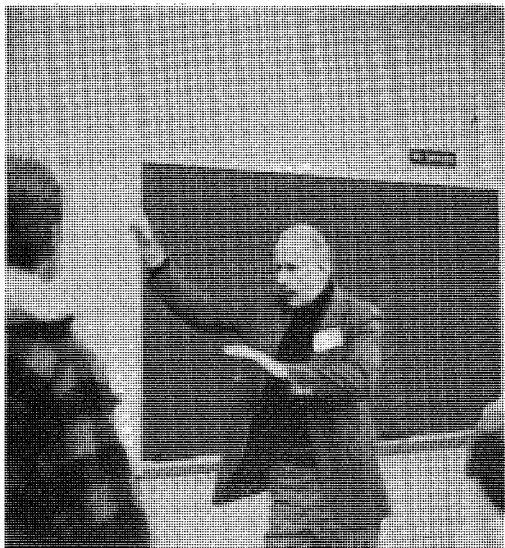
Robert H. Perkins, from West Lafayette, Indiana, received his BS, MS and PhD from Purdue. He has been on the staff for 23 years teaching Forest Products Harvesting, Production Planning and Financial Control of Forestry Operations, and Forest Roads and Structures. His current research and interests include forest engineering and analysis and optimization of timber harvesting operations. He is a member of Xi Sigma Pi and SAF. His hobbies include American Frontier history and shooting.



Phil Pope, from Suffolk, Virginia, received his BS from the University of Richmond and his MS and PhD from Virginia Polytechnic Institute and State University. He has been at Purdue for 2½ years and teaches Graduate Seminar. His current research and interests include woody biomass production and artificial regeneration of hardwoods as related to containerized seedling production, mycorrhizal associations and site conditions. His hobbies include gardening, fishing, hunting and hiking.

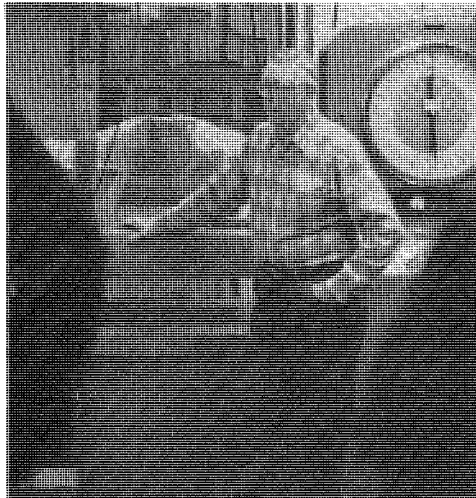


John F. Senft, from York, Pennsylvania, received his BS and MS from Pennsylvania State University and his PhD from Purdue. He has been on the staff for 20 years teaching Wood Structure, Properties and Identification, Physical and Mechanical Properties of Wood, Current Trends in Forest Resource Utilization, Physical Properties of Wood, and Mechanics of Wood. He is a member of Xi Sigma Pi, Sigma Xi, Phi Eta Sigma, Gamma Sigma Delta, the Forest Products Research Society, the Society of Wood Science and Technology and the American Society for Testing and Materials.





Anne Spacie, from Huntington, New York, received her BS from Mount Holyoke College, her MS from the University of California, Scripps Institute of Oceanography and her PhD from Purdue. She has been at Purdue for 5 years teaching Ichthyology, Limnology and Aquatic Ecology Seminar. Her current research and interests include the effects of water quality on aquatic life, especially fish. She is a member of Sigma Xi, Xi Sigma Pi, the American Society of Limnology and Oceanography and the American Fisheries Society, among others. She enjoys sailing, piano, scuba, backpacking and painting.

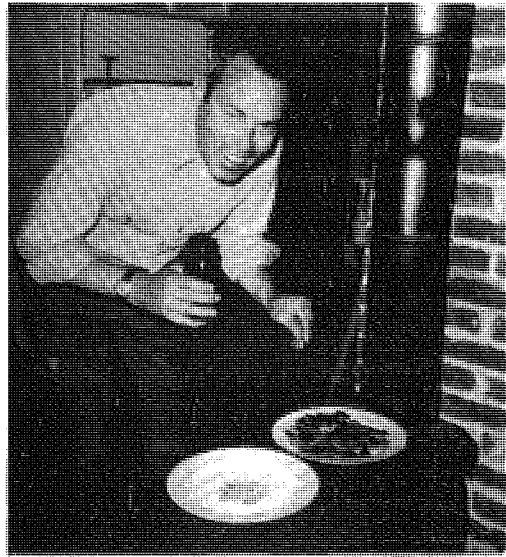


Stanley K. Suddarth, from Westerly, Rhode Island, received his BS, MS and PhD from Purdue. He has been on the staff for 29 years teaching Structural Design with Wood. His current research and interests include probability based wood engineering for trusses, frames and laminated beams. He is a member of the American Society of Agricultural Engineers, the American Society of Civil Engineers, the American Society for Testing and Materials, the American Institute of Timber Construction, the Truss Plate Institute, the Forest Products Research Society and the International Academy of Wood Science.

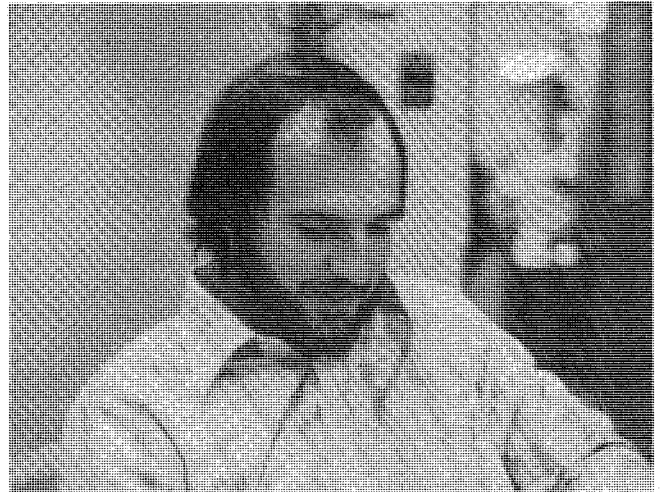


Harmon P. Weeks, originally from Orangeburg, South Carolina, received his BSF and MS from the University of Georgia and his PhD from Purdue. He has been on the faculty for 5 years teaching Ecology and Management of Wildlife, Topical Problems in Wildlife Biology, Wildlife Management I, Wildlife Investigational Techniques and wildlife ecology at summer camp. His current research and interests include the regulatory role of sodium in natural herbivore populations, avian breeding ecology and nest-site selection, and vertebrate responses to habitat modifications.

John W. Moser, Jr., originally from Hagerstown, Maryland, received his BS from West Virginia University, his MS from Pennsylvania State University and his PhD from Purdue. He has been at Purdue for 13 years and has taught Computer Science, Forest Management and Mensuration, and Forest Growth and Yield. His current research and interests include the application of quantitative methods to forestry. He is a member of Xi Sigma Pi and SAF. His hobbies are woodworking and clocks.



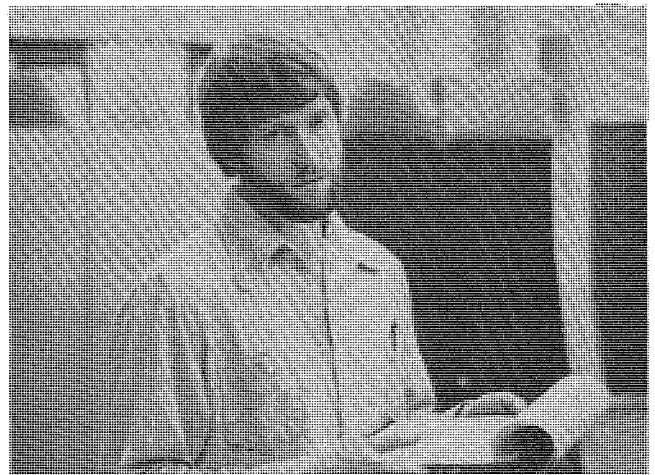
Jeannie Navarre



Bill Wolters



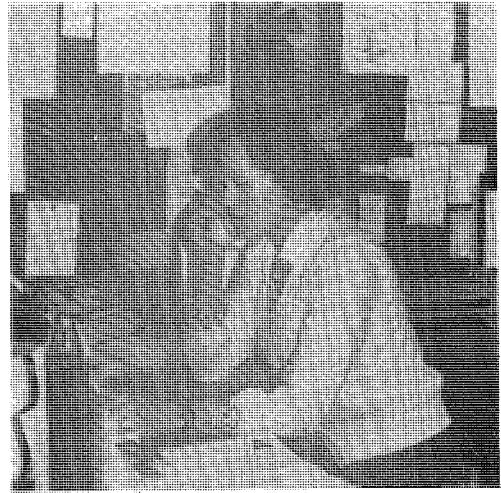
Linda Hampton



Charlie Manogue



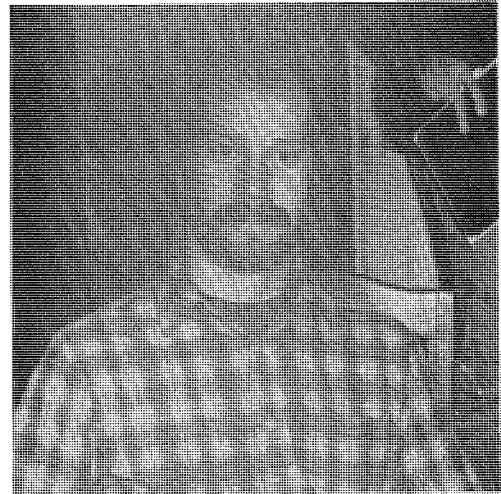
Gary Miller



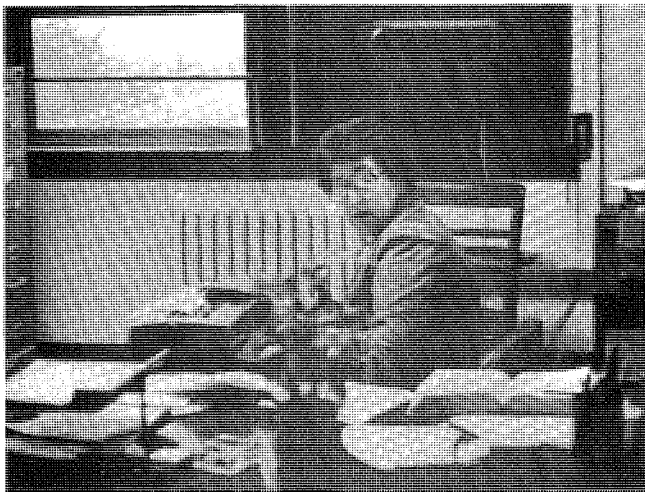
Sara Bass



Norma Garriott



Jim Swigert



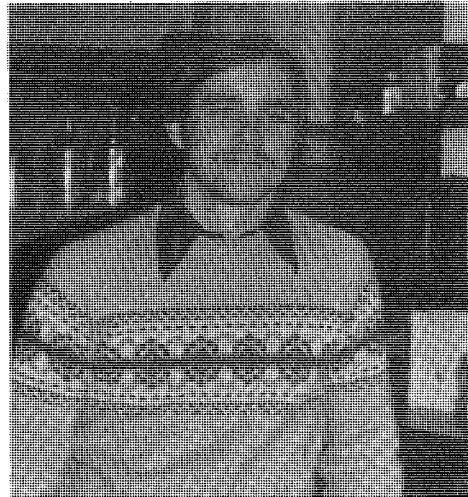
Oleta Swarm



Randi Seligman



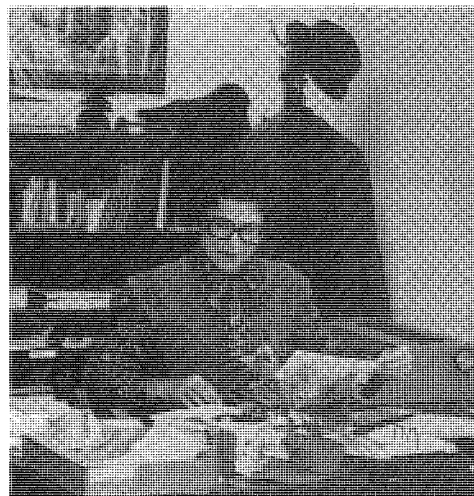
Dan Roberts



Ted Cable



Patty Karnehm



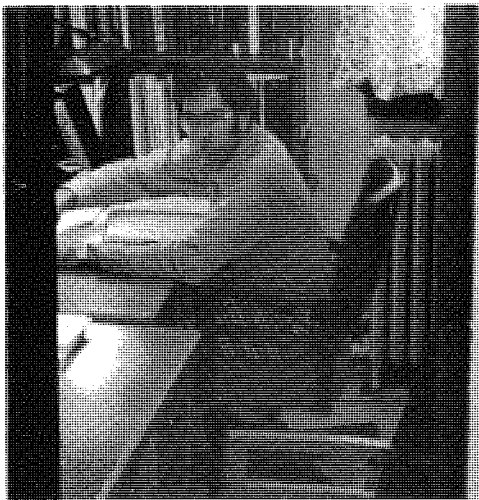
Joyce Hiday



Colleen Morfoot



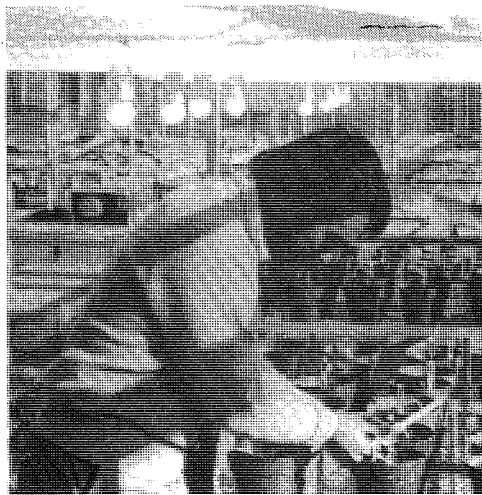
Marian Peterson



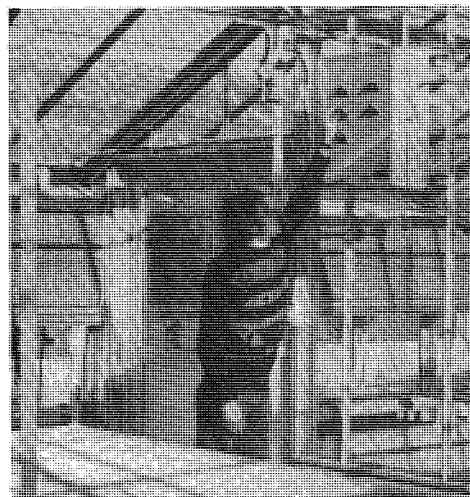
W. L. Mills



John Jacobson



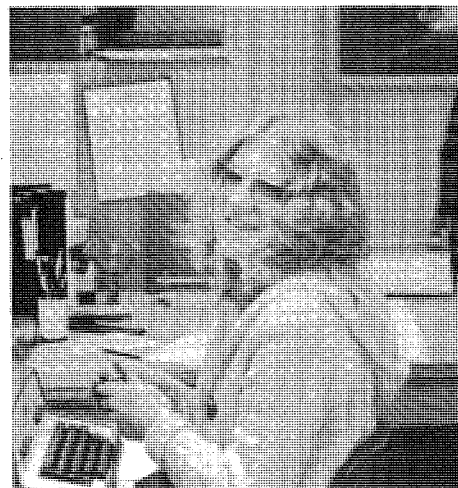
Jim Shepard



Dave Douds



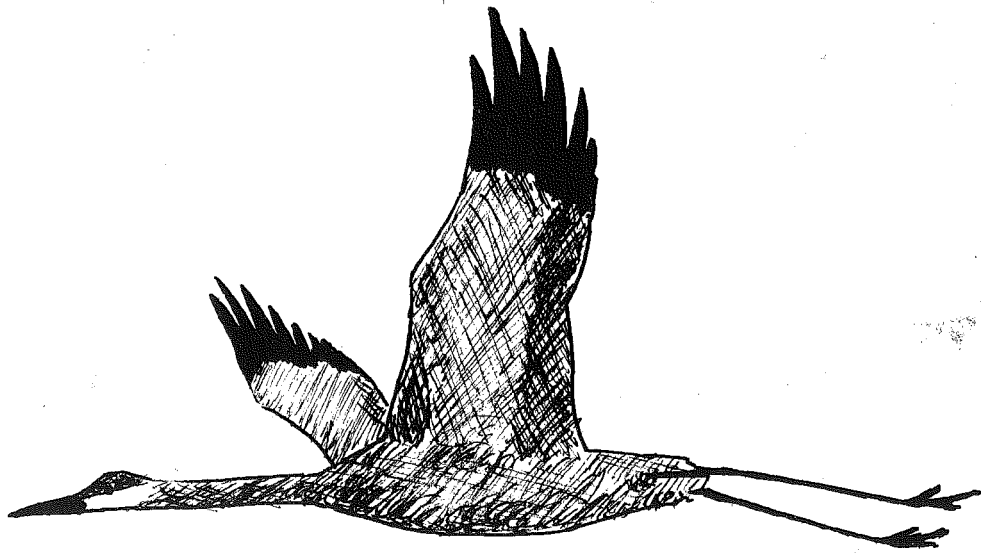
Gary Wiles



Patsy Mills



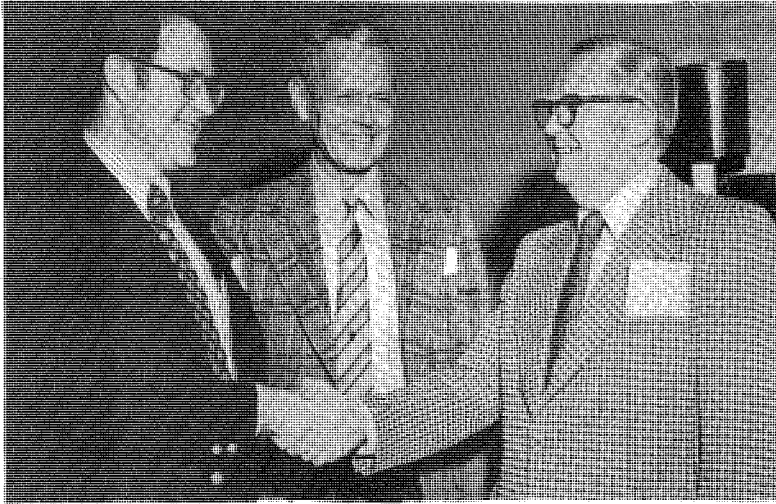
Steve Ford



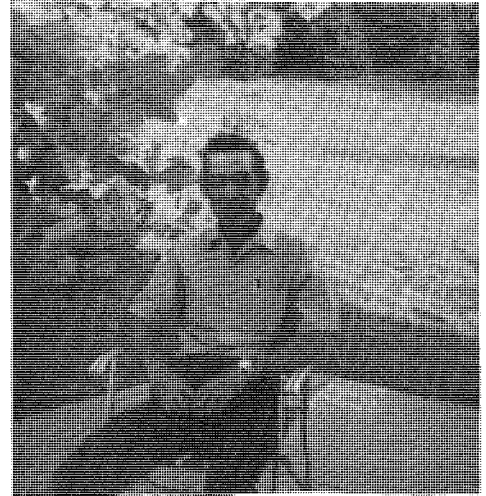


Drawing by Purdue Forestry and Natural Resources
Department faculty member Dr. Fred Montague

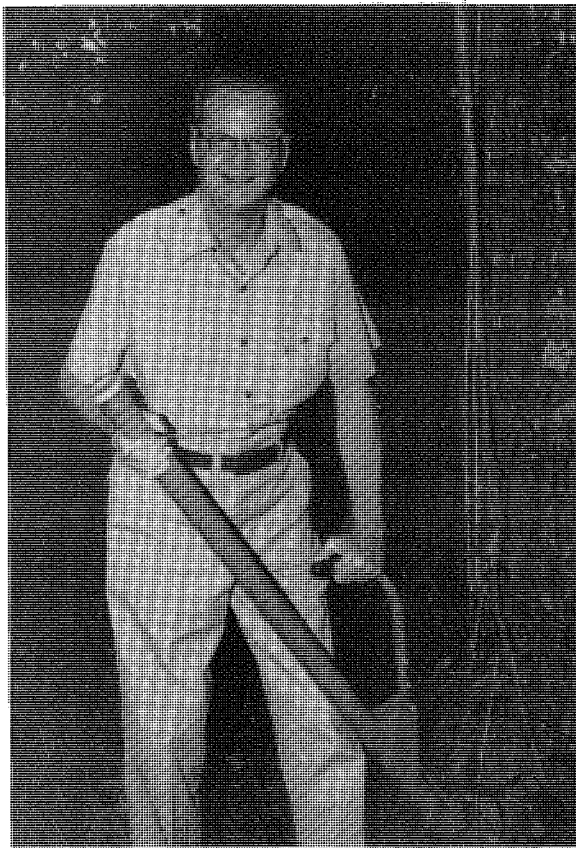
ALUMNI



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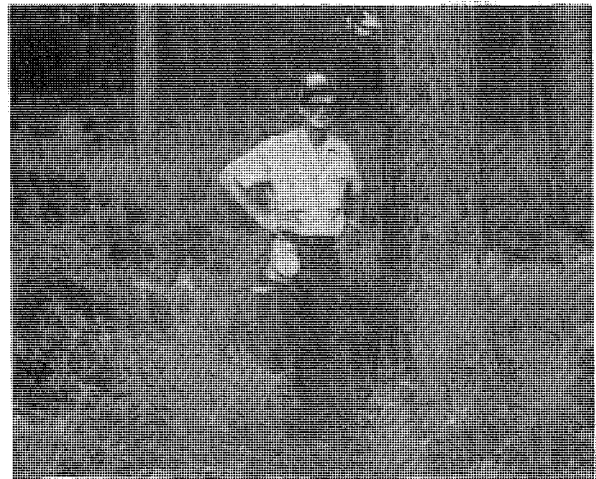
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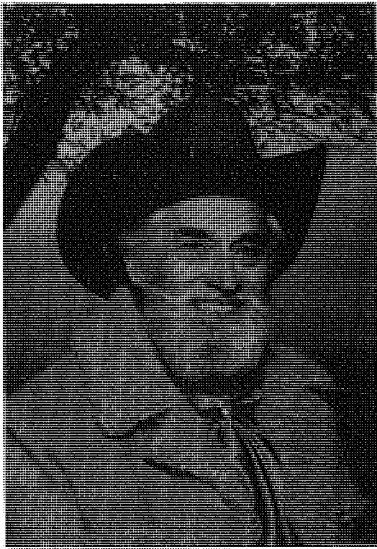
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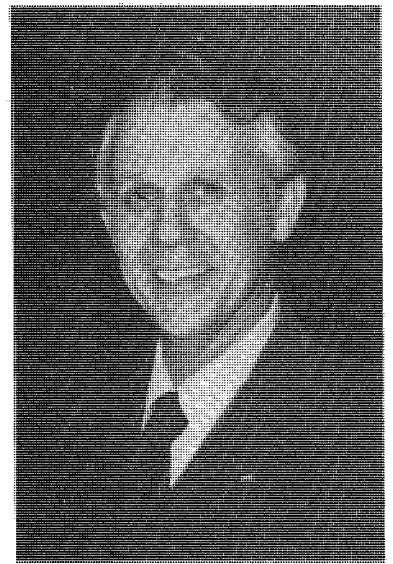
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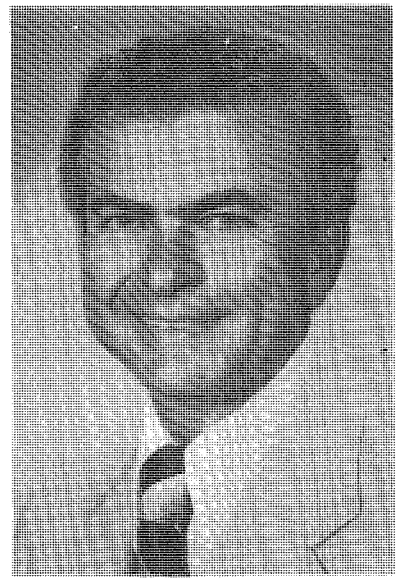
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ALUMNI PHOTO ALBUM

1. Frosty Miller ('31), right, receives congratulations from Bob Hollowell ('48), left, and Ed Lott, retired Extension Forester, on receiving the 1974 Society of American Foresters' Award for Meritorious Service to the Indiana Wood-Using Industry.
2. Jim Baker ('31) at home on his patio, Leesburg, Indiana. Jim is Director of the Area Plan Commission, Kosciusko County.
3. Jim Craig ('36) using the "Jim-Gem" tree injector, one of the useful tools he helped design, and which his company, Forestry Suppliers, sells.
4. Bob Swinford ('37), retired Professor of Forestry, University of Florida, is now a part-time consulting forester.
5. Jim Manson ('41) sends "Best wishes to forestry alumni, and, in particular, to his roommate, Dusty DeStefano, who was a very bad poker player, but who always paid his debts." Jim is a specification writer with the Engineering Department, City of St. Petersburg, Florida.
6. Bill Shaw ('41), Esoteric Consultant, Fort Collins, Colorado.
7. Col. Jack Williamson ('39) in November, 1979, at the Retired Officers' Banquet, Bradenton, Florida.
8. Bob Caster ('47) on Mt. Rainier in June, 1945.
9. Glenn Larie ('48) in 1946.
10. Phil Bonnell ('48) in 1946.
11. Mitchell Arnold ('49) in 1979.
12. Martin Anderson ('50), left, and Jack Costello ('52) in 1961 when Jack replaced Martin as District Forester at the Southern Illinois Forestry Headquarters in Benton, Illinois. Martin is now Executive Director of Comprehensive Health Planning in Southern Illinois, Inc., and Jack is Executive Director of the Indiana Department of Natural Resources.



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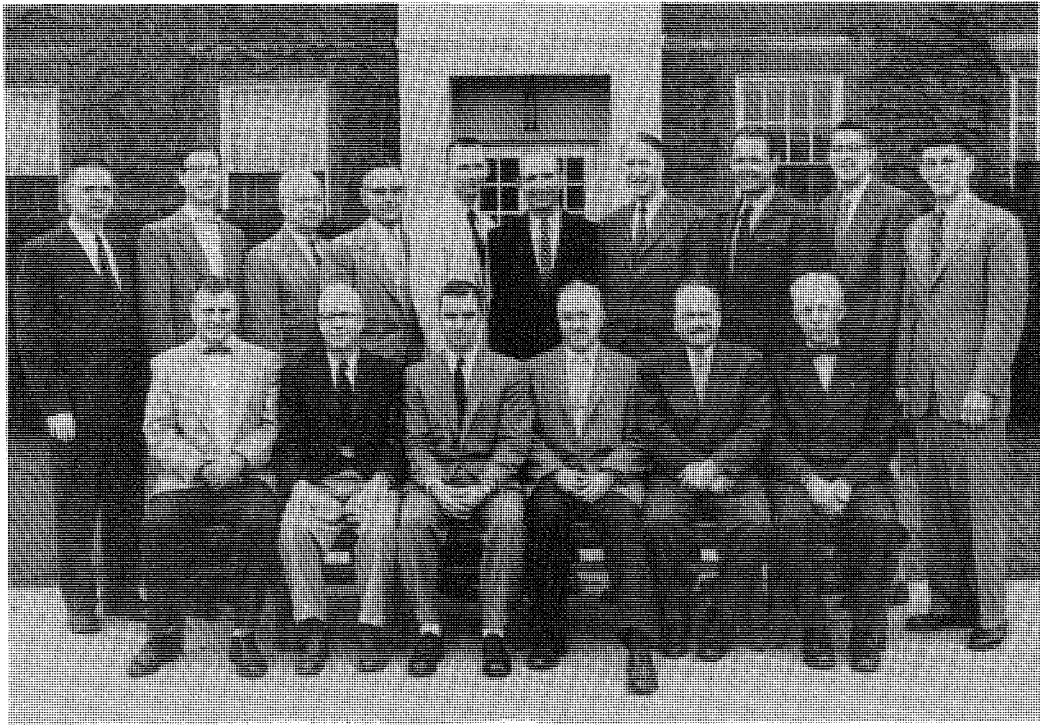
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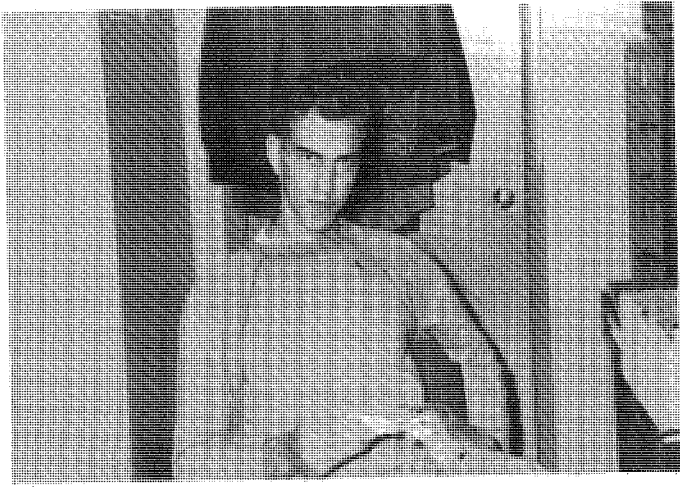
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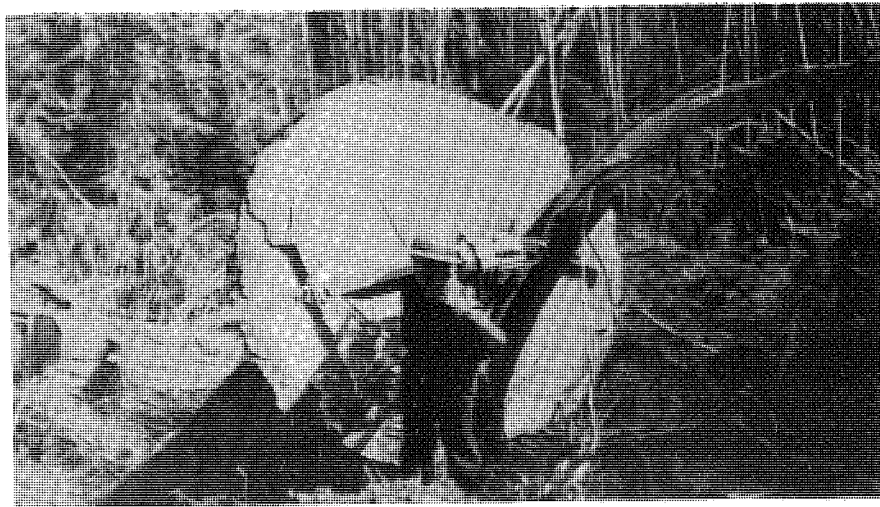
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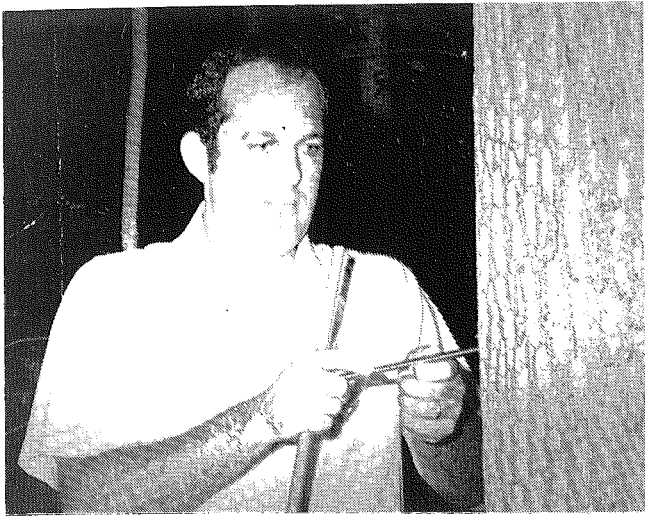
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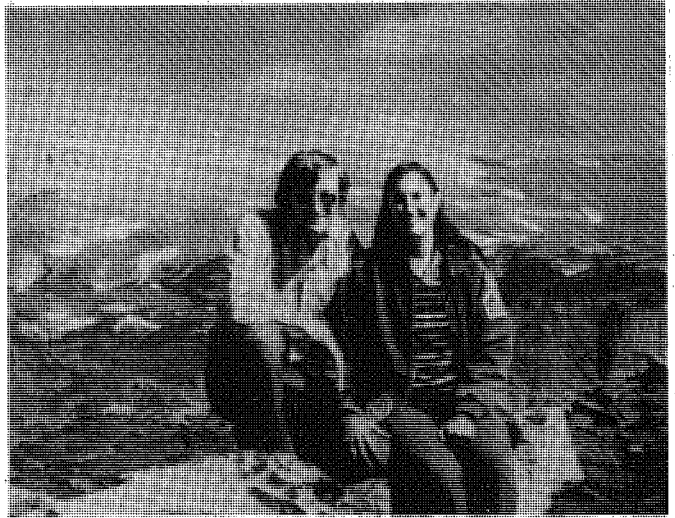
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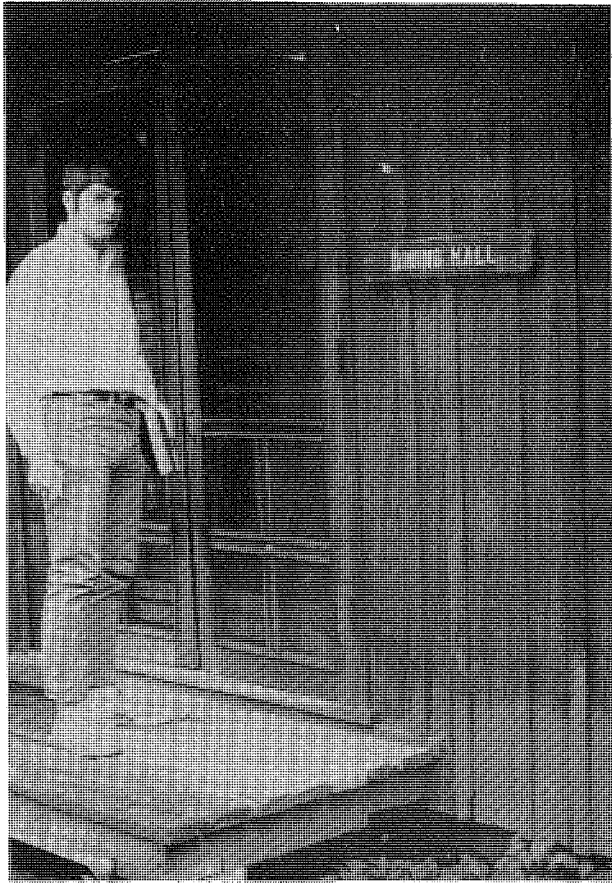


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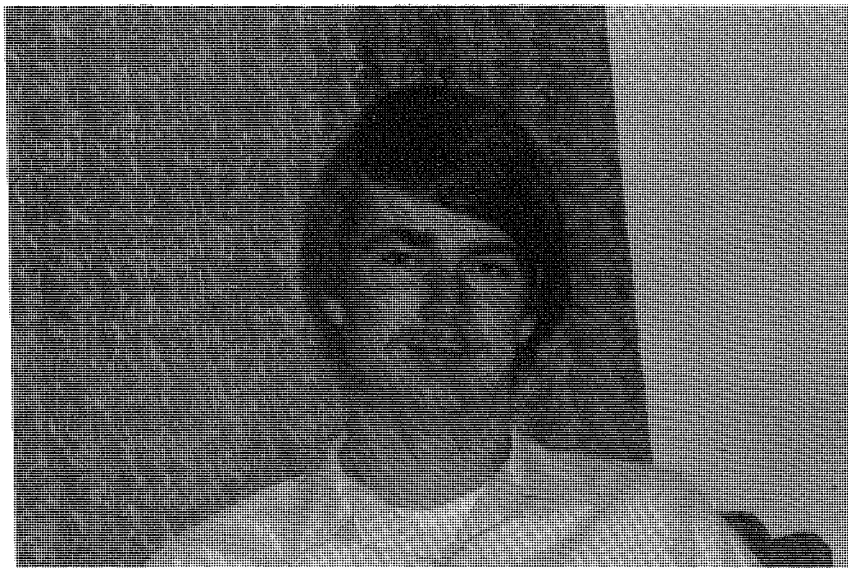
13. Edgar Leach ('50) in Old Tucson, April, 1978, with his wife, Donna (center), and friend.
14. Bill Hoffman ('51) with wife, Joan, at the 1950 Senior Prom.
15. Tom Borden ('52) is Vice President of the Society of American Foresters. In 1981 Tom will become President of the Society. He has been Director of the Colorado State Forest Service for over 20 years.
16. Jimmy Gross ('57) and his wife, Peggy. Jimmy is a well-known orchestra leader in the Chicago area.
17. The forestry faculty in April, 1957. Standing (l to r) Stan Suddarth, Charles Kirkpatrick, Burr Prentice, Eric Stark, Hugh Angleton, Charlie Miller, Roy Brundage, Ed Lott, Tom Beers, and Clair Merritt. Seated (l to r) Al Herrick, E. R. Martell, Bob Perkins, Durward Allen, Howard Michaud, and Dan DenUyl. Jack Callahan was out of town.
18. Jack Callahan and Clair Merritt in September, 1957, taking a lunch break at the senior camp in Mississippi.
19. Tom Smith ('60), his wife, Judy, and daughters, Tracy and Allison.
20. Gene Chouinard ('60) and 'possums in their room at the Chicken Farm in January, 1959.
21. Purdue's top lumberjacks at the 1960 Midwestern Forestry Conclave. They are (l to r) Dave Naugle ('61), Gil Streeter ('61), and Dave Fisher ('62).
22. Glenn Crock ('62) and the elk he bagged last fall in the Teton Mountains, Wyoming.
23. David Berna ('62), forester, Soil Conservation Service, Grove City, Ohio, determining site index for yellow poplar.
24. Dave Walz ('63), Coos Bay, Oregon.
25. Joe Gorsuch ('69) and wife, Johanna, son, Jeremy, and daughter, Juliana, at home in Rochester, N. Y.
26. Since 1974, Larry Workman ('70) has helped develop tribal forestry programs on the 300 square mile Quinault Indian Reservation. Larry is shown beside a load of Western Red Cedar, Pacific Beach, Washington.



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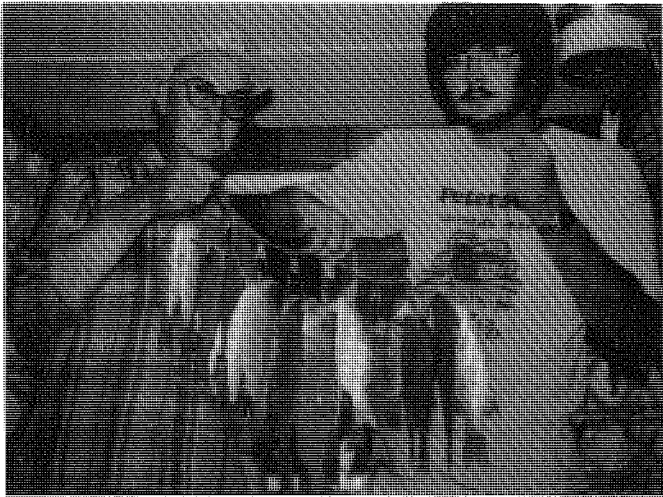


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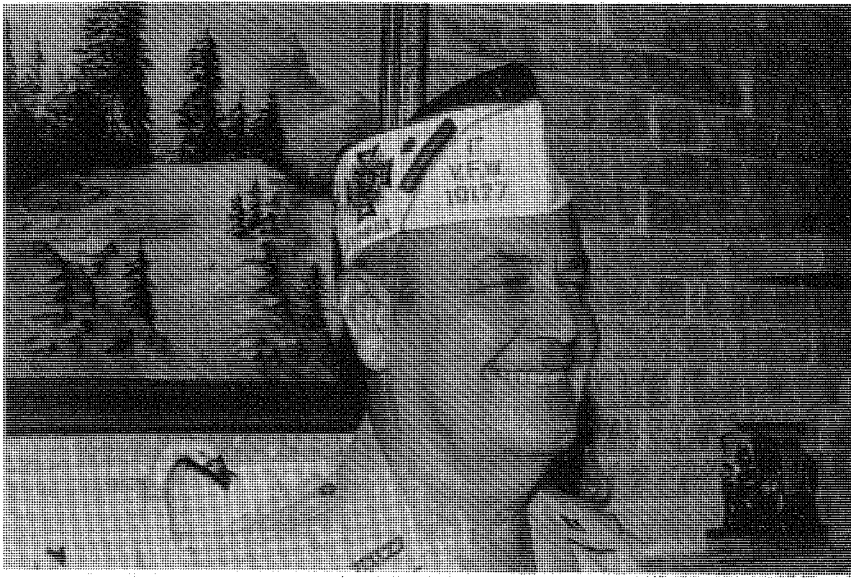
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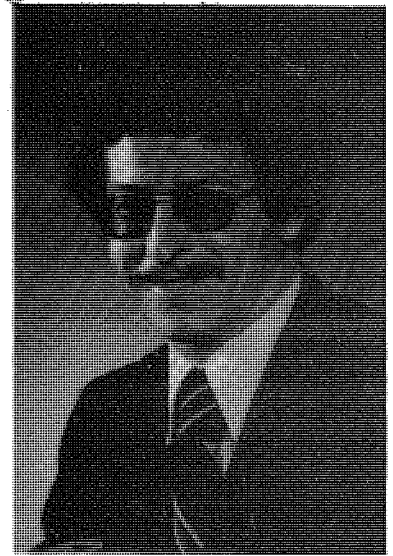
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3a



4a



14a



30a

27. Paul Erler ('71) and his wife, Frances, on the Beartooth Plateau near Gardiner, Montana. Paul works with the Forest Service on the Targhee National Forest, Idaho.
28. Glenn Juday ('72) and daughter, Christina. Glenn is at the Institute of Northern Forestry, Fairbanks, Alaska.
29. Dave New ('73) at the Lost Lake Forestry Camp in June, 1971.
30. Todd Klicka ('74), left, Joe Frushour ('74), and Becky Frushour, October, 1978, Brown County, Indiana.
31. Jeff Yelton ('77) at home.
32. Pat McCoy ('78) and his father on an August day, 1978, with a mess of striped bass caught on Cordell Hull Lake, Tennessee.

- 2a. Purdue foresters enroute to Cass Lake, Minnesota to work during the summer of 1934 with the Civilian Conservation Corps. The foresters are (l to r) Chuck Mendenhal, Bob Morris, unidentified, and John Holwager. The Model T Ford in which they were travelling has a broken axle, a major catastrophe. On their return trip to Purdue, the car gave them so much trouble, Morris, the owner, sold it for \$5.00.
- 3a. Ed (Eli) Whitney ('36) with youngest grandson of three grandsons and two granddaughters.
- 4a. Col. James R. Burkhart ('37), U.S. Army, retired, is currently the Commander of District 19, V. F. W., Welaka, Florida, and Florida Americanism Chairman.

- 14a. Jim Barnhart ('71) is now Supervisor of Forestry and Land Management for the Northern Indiana Public Service Company. Jim, his wife, Lynn, and sons, Gregg (11), Mark (7), and Scott (6) now live in Lowell, Indiana, on a 1½ acre lot in a rural subdivision.

- 30a. Nancy Herman ('76) was the Environmental Awareness Coordinator of the YCC Camp at Cumberland Gap National Historical Park when this photo was taken on the top of Mount Mitchell, N.C.

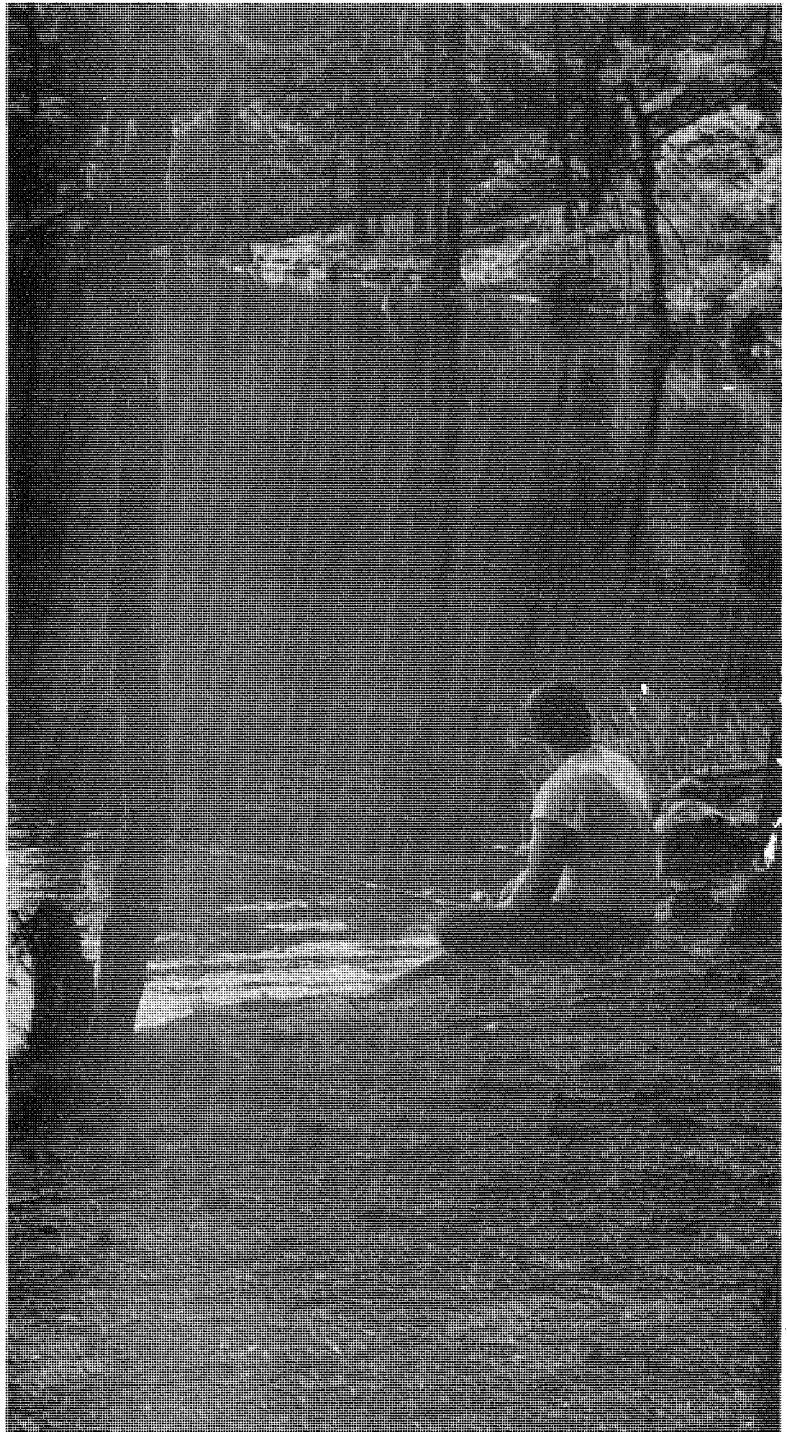
*When you first stand in
a deep forest
you notice first how quiet it is*

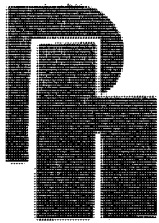
*then how much there is
of everything
and how little
if you lived in a city
you ever saw there*

*It's like waking up the
first morning of summer vacation
and realizing you don't have
to go to school*

*you don't have to go anywhere
and can take your time
about not going anywhere*

*The trees rustle and talk
birds sit here and there
or rummage on the ground
water runs and flowers
stand up alone like signs saying
flower, what of it?*





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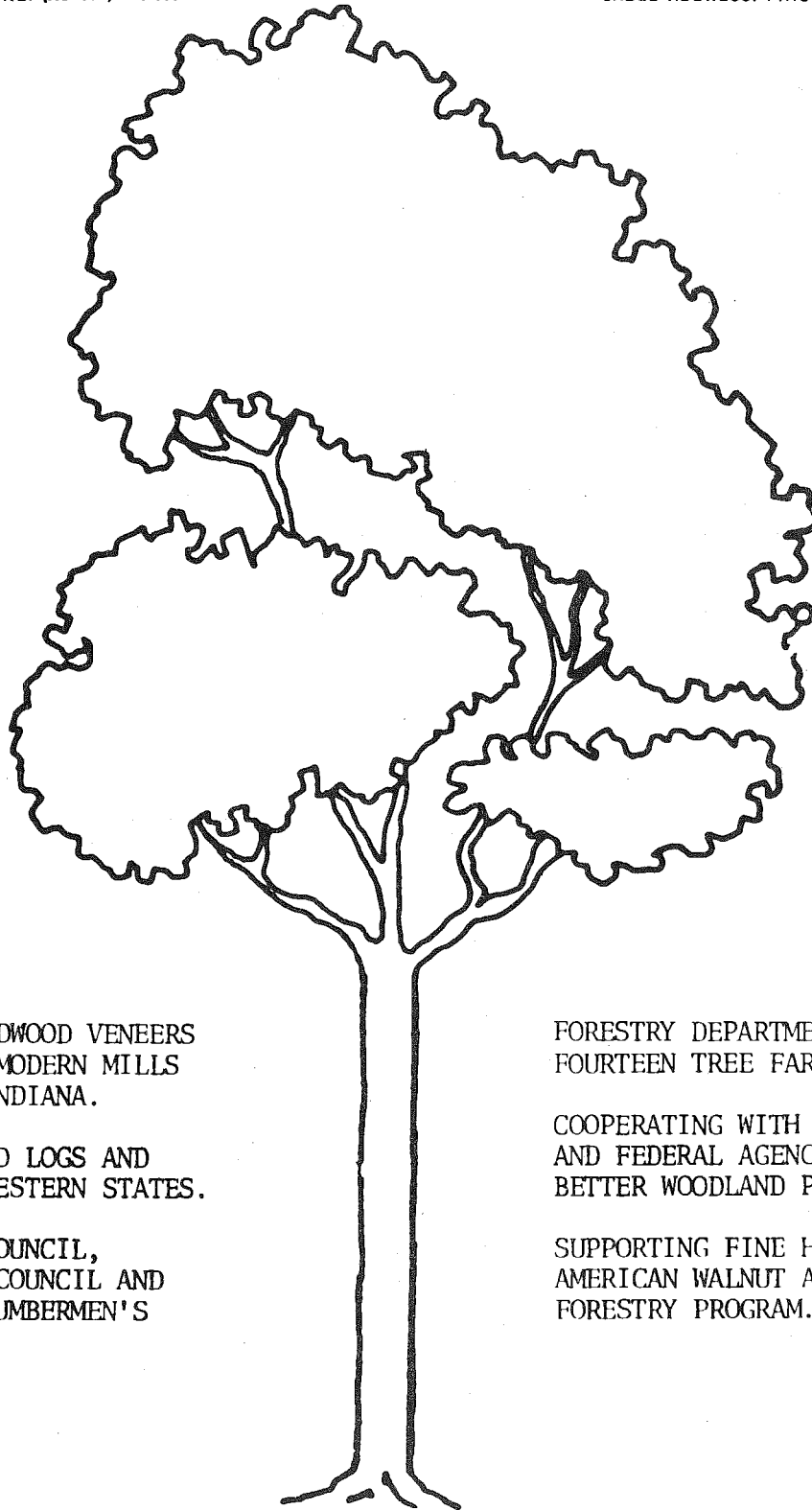
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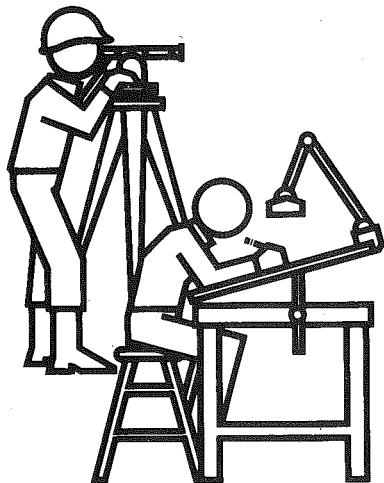
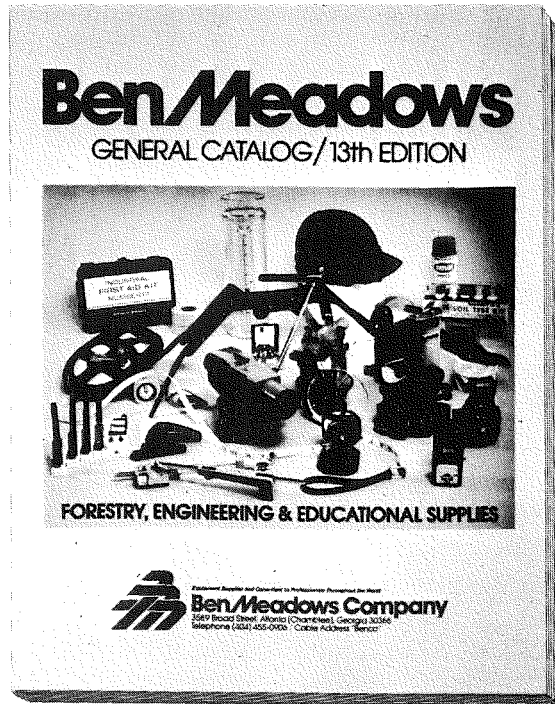
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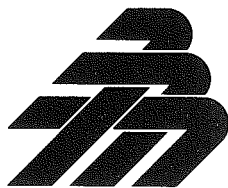
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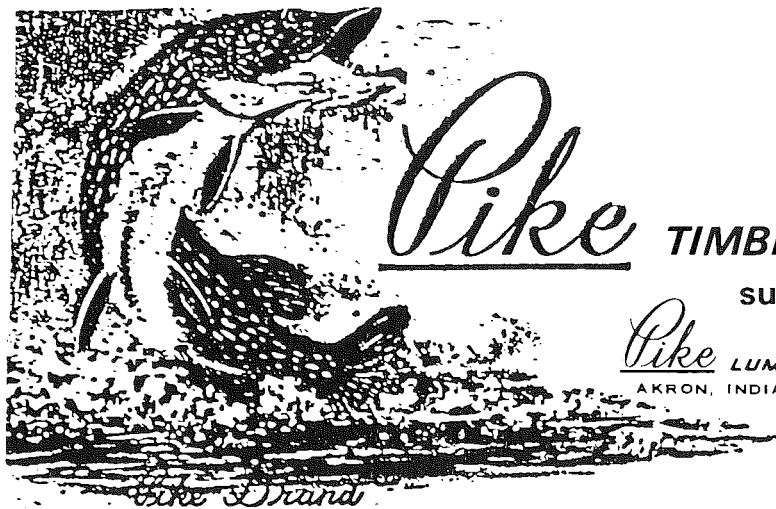


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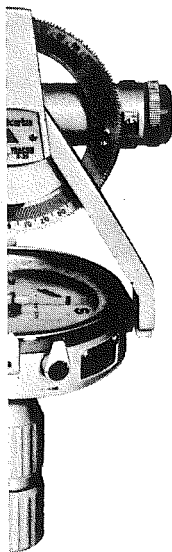
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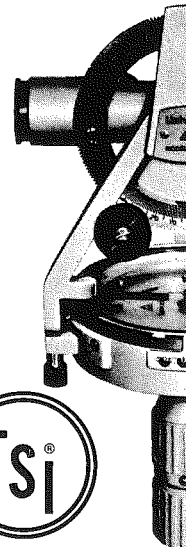
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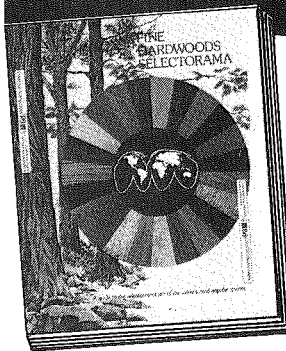
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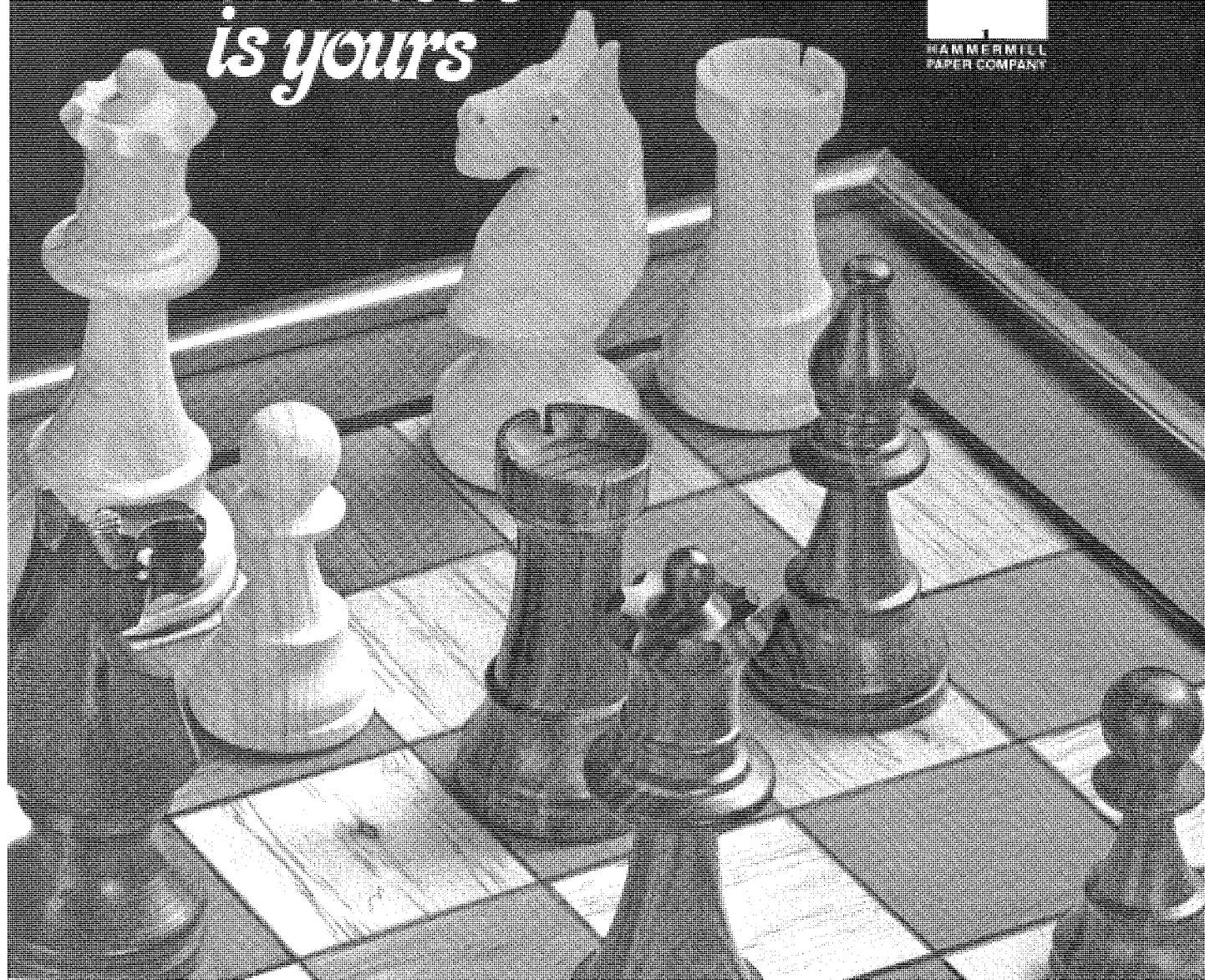
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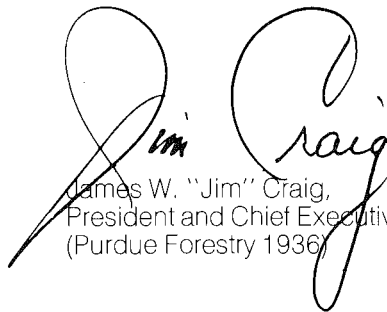
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