



ENVIRONS 79

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DEDICATION



In August of this year, Professor J. M. Nichols will retire from the School where he will have served 31 years. Beginning at University Forest in 1948, he moved to the Weldon Spring Forest in 1953 and to the Columbia campus as Associate Professor in 1961. At University Forest and Weldon Spring he served as forest manager and research forester working with direct seeding of oak, woody vegetation control, oak pruning, fire line construction for Missouri forests, marketing Christmas trees and related problems. His recent research has dealt in forest taxation.

Educated at Michigan State with a bachelor of science in forestry, Nick began work with the Missouri Department of Conservation in 1940 where he served till 1948 as district forester except for four years on leave with the U. S. Air Force. He was district forester with the Conservation Department before becoming an instructor at

University Forest. Upon completion of his Master's degree at Missouri in 1952, he returned to University Forest for about a year before transferring to Weldon Spring where a significant part of the University's forestry research program was underway. In 1960-61, he spent a year at Ann Arbor completing residence toward a Ph.D. Upon return to Missouri, he taught an integrated forest resources management course including wildlife, range, water and recreation. More recently, his teaching responsibilities have included timber management, forest policy and the management-utilization trip. These courses have permitted close association and acquaintance with forestry undergraduate students.

Despite his early research and rather substantial teaching program, perhaps Nick's greatest contribution has been in advising, transcript evaluation, job

placement, summer welcome and related kinds of activities with undergraduates. He will indeed be difficult to replace in the excellent and dedicated service he has provided students, and in many cases, parents as well.

Professor Nichols currently serves as a member of the Board of Directors for the American Christmas Tree Association, is active as a member of the Society of American Foresters, has served effectively on many School and University committees, is a member of the University's Jefferson Club, and played an important role in his church, his service club, the United Way, Bloodmobile activities, the Columbia Pachyderm Club and a not-for-profit housing corporation in Columbia. Strong motivation for public service is one of his outstanding characteristics. Students will remember him for his willingness to work with them on a great variety of problems.

TIGHTENING THE BELT

by Donald P. Duncan

During recent years, the School has found it necessary to be particularly discriminating in its use of the resources available to it. The general fiscal climate for higher education has become much more restrictive and some positions may have to be eliminated in the School over the next year or two. The educational policy and the research committees in the School are carefully reviewing alternative ways to accomplish this belt-tightening. I suppose that one might look at this process as being a beneficial one in the long run since periodic review requiring resource reduction or reallocation eliminates the less essential. But with productive people on the staff, it is a difficult process at best.

However, there is also a bright side in the accomplishments of the past year. We have four new regular faculty members who are excellent additions. Three are replacements and one (in wildlife) is a badly needed new position. These include Dr. Erik Fritzell in wildlife, Dr. Milton George in tree physiology, Dr. Gray Henderson in water quality and forest engineering and Dr. Bill Taylor in fisheries. In addition, a new instructor working toward a Ph.D. in water quality is Mike Nugent. During Dr. Hinckley's sabbatical year in Europe, Bob Teskey, who completed an M.S. degree under Dr. Hinckley, has been pinch hitting in excellent fashion.

Miles Brown, who taught 'Utilizing Forest Resources' for a short period in addition to his extension and research activities, resigned to move to Fort Collins, Colorado, where he and Irene will own and operate an antique and used furniture shop. Professor J. M. Nichols will retire at the end of August after 31 years at UMC to undertake some of the activities he and Alice would like to pursue but cannot while both are working. We are currently in the process of seeking replacements in these positions, both of which are essential elements in the forestry program. In the Nichols position, a strong effort is being made to find a person with industrial timber management experience.

Undergraduate enrollment in

Forestry, Fisheries and Wildlife during the past year has dropped again, about 11½% in fisheries and wildlife and about 6½% in forestry, to a total of 600. The makeup of the student body by sexes has consistently changed however from about 12% female in the fall of '74 to over 16% last fall.

In degrees granted during 1978, the School is still relatively high with 64 forestry graduates and 51 graduates in fisheries and wildlife. During the current year, the number of graduates is expected to be relatively large again though it has already begun to recede and will continue to do so.

One of the factors strongly affecting enrollment, of course, is job opportunities. Last December, 6 of the 15 graduates in fisheries and wildlife were placed in jobs related to their field. Many were temporary but some of those could become permanent with good performance by the graduate. Of last year's forestry graduates about 60% were occupied in employment appropriate to their major. In addition, about 10% went on to graduate work. Both fields represent significant improvements over recent earlier experience. Our general experience indicates that students who really want professional employment and actively seek it are likely to be employed.

One of the significant developments resulting from the addition of the two new staff members in Fisheries and Wildlife is a substantial upgrading of the undergraduate curriculum by the addition of a management sequence. A capstone 3 hour course entitled 'Principals of Fisheries and Wildlife Management' will be introduced next year at the senior level. Concurrently students may select either a fisheries management laboratory techniques course or a wildlife management techniques course, each of which will be offered as 3 hour courses to accompany the general management course.

In research, let me select just three major projects where significant progress is being made. Dr. Settergren has decided to undertake some experimental cuttings at University Forest with the principle objective of determining the effect

of controlled logging and of typical uncontrolled local logging upon water quality. Dr. Henderson is also working on this research which has particular relevance to public concerns with non-point sources of pollution. Essentially no reliable data on the effects of forest management upon water quality has been available heretofore in Missouri.

A second project of particular interest is the work in walnut multi-cropping directed by Dr. Gene Garrett but involving other faculty members. Intermixing walnut (for nuts, lumber and veneer logs), forage and beef cattle, and selected crops can triple rates of return from the land over what would be provided by walnut alone. This technique has great potential in Missouri but does require intensive management. A number of publications are available to anyone interested.

A third project relates to water quality questions in Lake of the Ozarks, where Dr. Jack Jones is evaluating current conditions prior to closing of the Truman Dam. No limnological evaluation has been made, and turbidity changes when the Truman Dam becomes effective may result in increased plant growth and other changes. These changes will be monitored to provide predictive capacity for future proposed reservoirs.

The School's extension and continuing education programs could be improved significantly if the new 'Renewable Resources Extension Act of 1978' authorizing \$15 million is federally funded, but prospects for full appropriation are not bright! Were it funded at \$5 million, Missouri would be able to triple its extension activity in forestry, fisheries and wildlife and this would permit us to respond to the continuing demand for better research dissemination, and better solutions to people's renewable resource related problems. Though we have strong people in Extension, our program is far too small. Additional personnel would be a tremendous help to do what needs doing.

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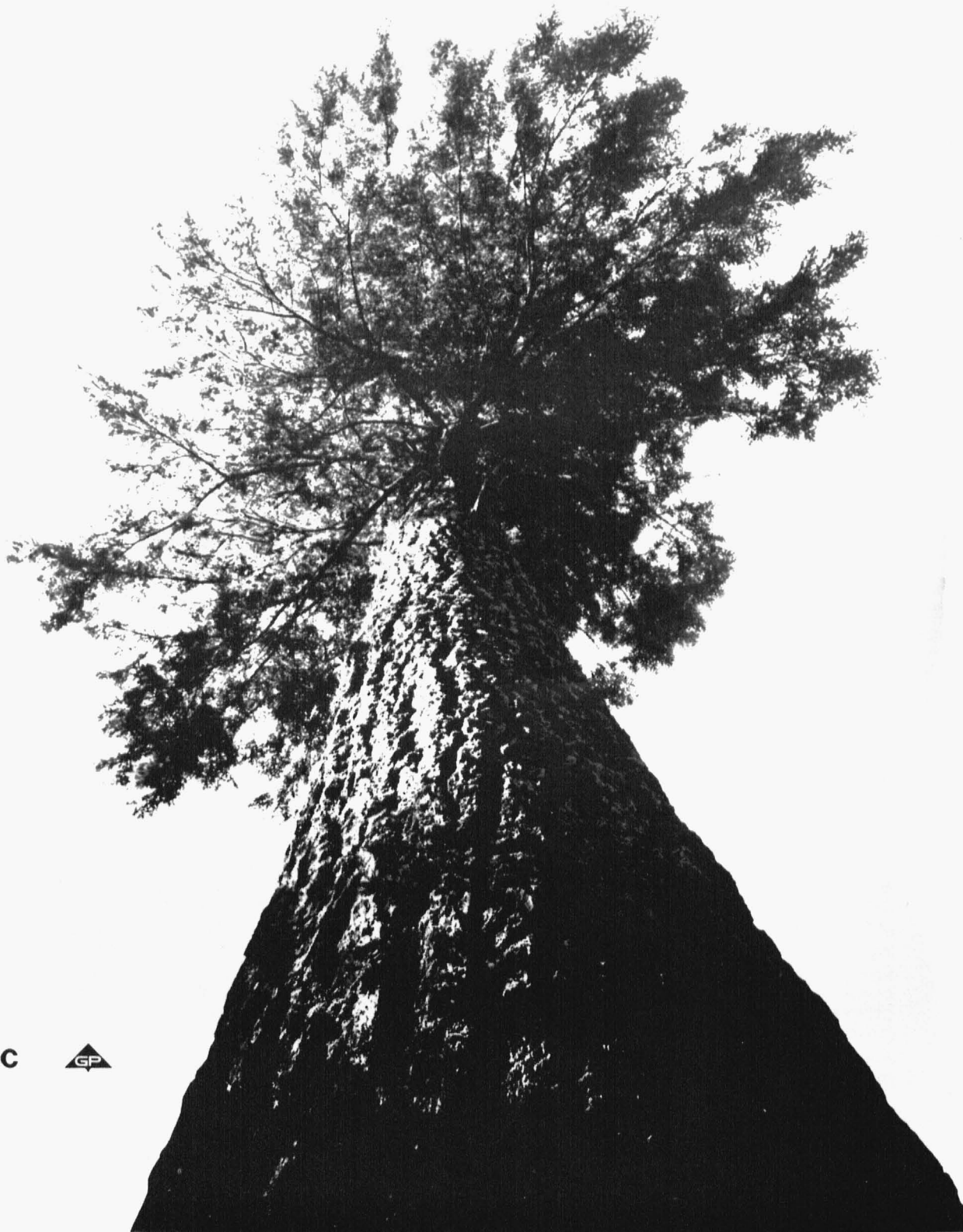
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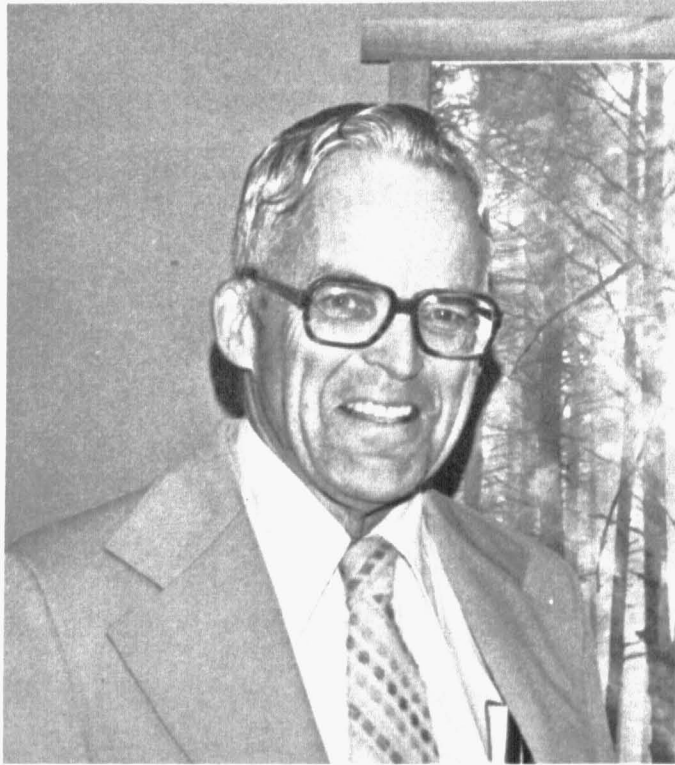
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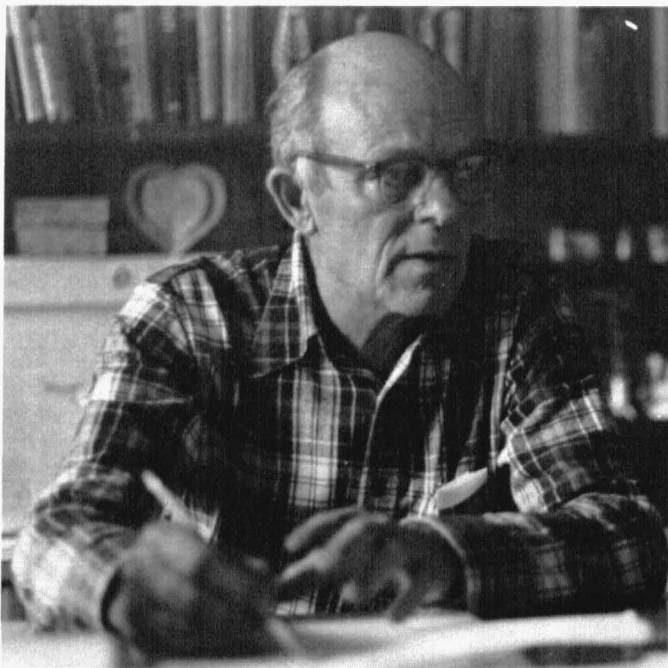




Faculty and Administration



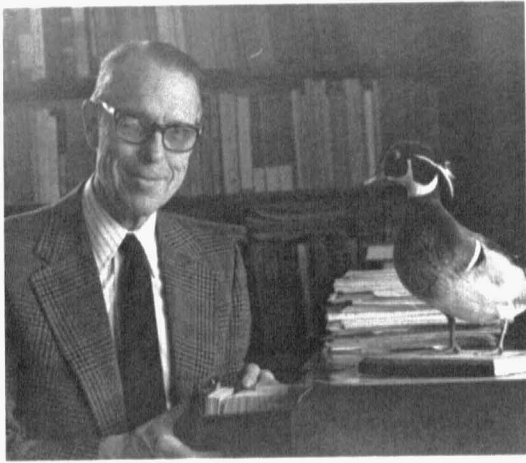
Donald P. Duncan
Director, Forestry, Fisheries and Wildlife



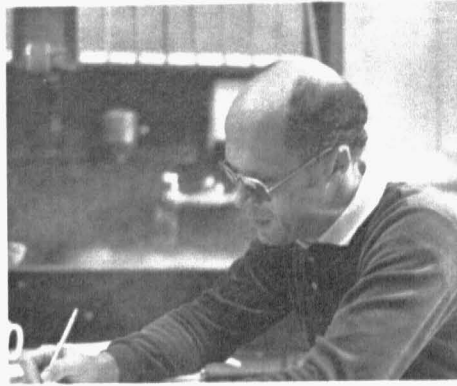
Arthur Witt, Jr.
Assistant Director, Fisheries and Wildlife



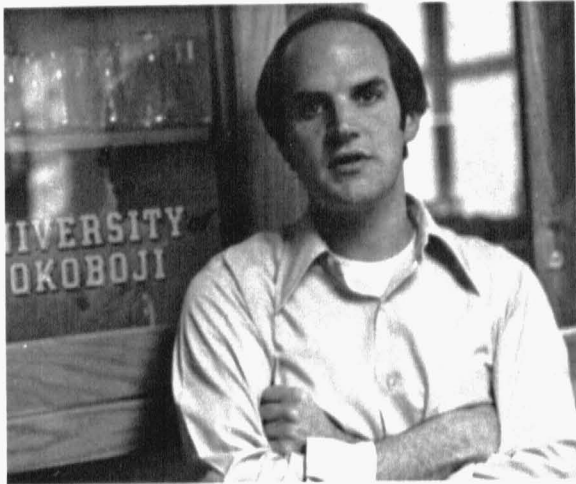
Richard C. Smith
Assistant Director, Forestry



Dr. William Elder
Mammalogy, Ornithology



Dr. Fred Samson
Wildlife Ecology



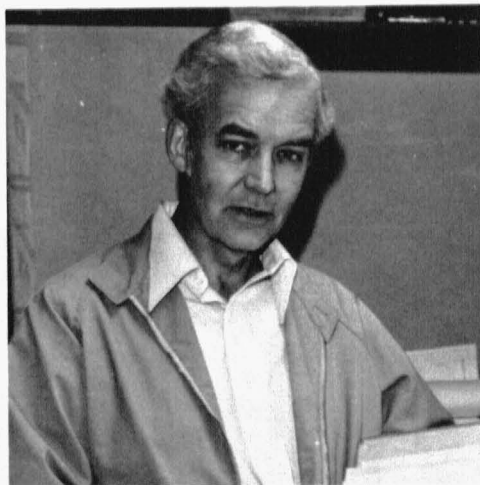
Dr. John Jones
Limnology, FW Advisor



Dr. Richard Anderson
Fish Husbandry



Dr. Thomas Baskett
Wildlife Management



Mr. James Pastoret
Wood Technology



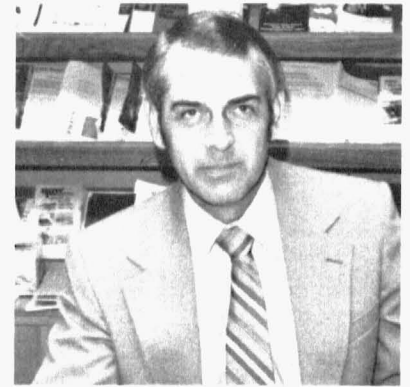
Mr. Ralph Musbach
University Forest



Mr. R. Brooks Polk
Dendrology, Genetics



Mr. J. M. Nichols
Timber Management, For. Advisor



Mr. John Slusher
Extension



Dr. Bruce Cutter
Wood Technology



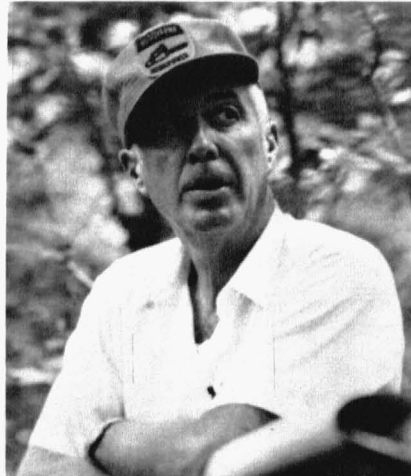
Dr. Carl Settergren
Forest Hydrology



Dr. Eugene Garrett
Silviculture



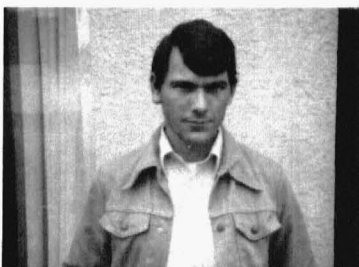
Dr. Gene Cox
Ecology, Forest Soils, Silvics



Mr. Lee K. Paulsell
Forest Fire Control, For. Advisor



Dr. A. J. Nash
Photogrammetry, Inventory



Jim Joiner
Administrative Assistant



Dr. William Kurtz
Forest Economics



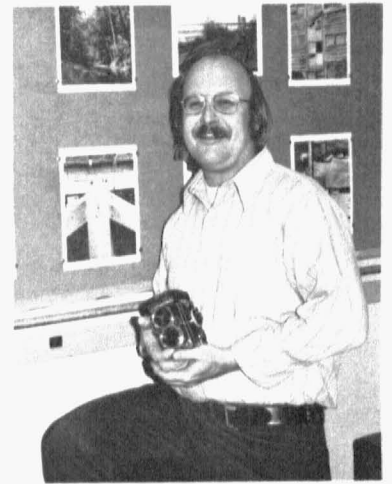
Dr. Alan Everson
Outdoor Recreation, Land Use



Dr. E. Al McGinnes
Wood Technology



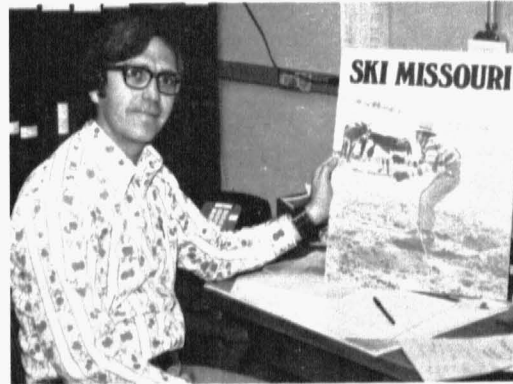
Dr. Merton Brown
Forest Pathology



Mr. Paul Szopa
Research Specialist, Photography



Dr. William Kearby
Forest Entomology



Mr. John Phelps
Research Associate



Mr. James Bixby
Research Associate



Mr. Robert Tesky
Water Relations



Mr. James Burroughs
Computer Programming



Mr. Roy Hengerson
Forest Graphics



Mr. Michael Nugent
Water Quality



Mr. Hal Witt
Technical Specialist

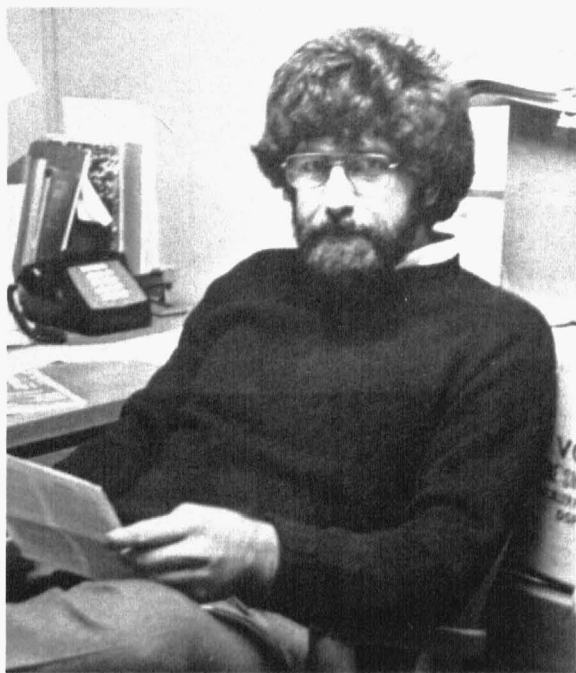


Mr. Miles Brown
Utilization

NEW FACULTY

Forestry

by Mary Rellergert



Dr. Gray Henderson

Dr. Milon George hails from Sauk Rapids, Minn. He received his B.S. in Engineering in '66 from the University of Minnesota. After graduating he moved to California where he worked for Douglass Aircraft until 1969 when he headed back to Minnesota to work on his masters and Ph.D. by applying his engineering principles to plant physiology. In September of '75 he went to Virginia Tech where he taught horticulture and did research on winter hardiness in ornamentals. This past summer Dr. George moved to Missouri, drawn by the University's tradition of research in cold hardiness. He is presently doing research in this area and teaching tree physiology. In the future he hopes to continue research in the area of environmental stresses and how they affect the growth of trees and shrubs.

Dr. Gray Henderson originates from St. Paul, Minn. He received his B.S. in soils from Iowa State in '63 and went on to Cornell University, where he earned his M.S. and Ph.D. in Forest Soils in 1968. Upon graduating, he served 2 years in the army, spending his first year in New Hampshire working at the U.S. Army Cold Regions Research and Engineering Laboratory. His second year was spent in DaNang, South Vietnam as an agricultural advisor. Dr. Henderson spent his next 8 years with the Oak Ridge National Laboratory in Tennessee where he did work concerning watershed nutrient cycles. At the same time, he did some teaching at the University of Tennessee. This past August he came to Columbia. Here, he is teaching Natural Resources Management and Water Quality and doing research on the effects of different cutting techniques on sediment yields, erosion and nutrient content, besides researching forest nutrition and water quality. In addition, he has volunteered his services as advisor to the ENVIRONS staff. This summer he will teach the Engineering course at summer camp. Next fall he hopes to teach a graduate course dealing with watershed nutrient cycling.

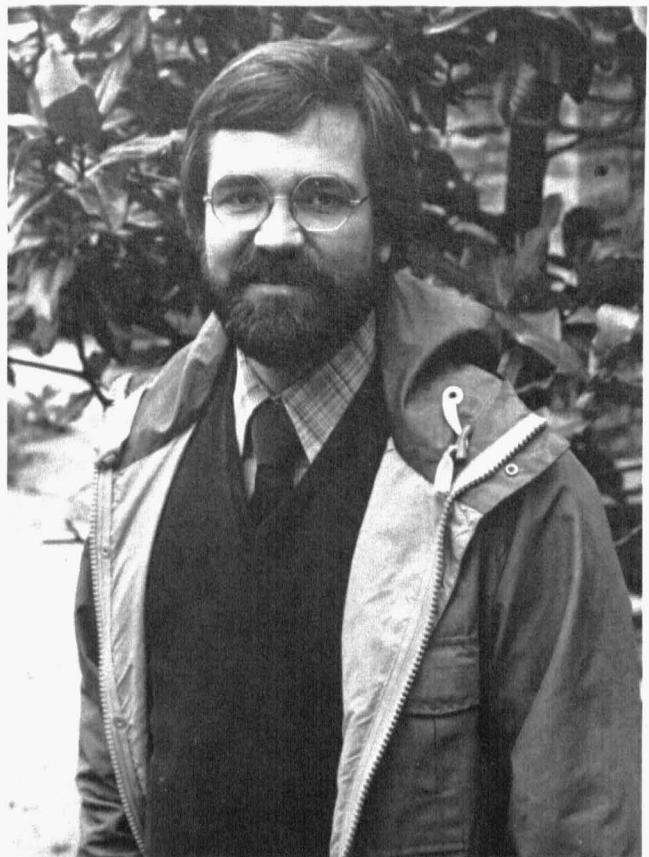


Dr. Milon George

Fisheries and Wildlife

by Dr. Bill Taylor

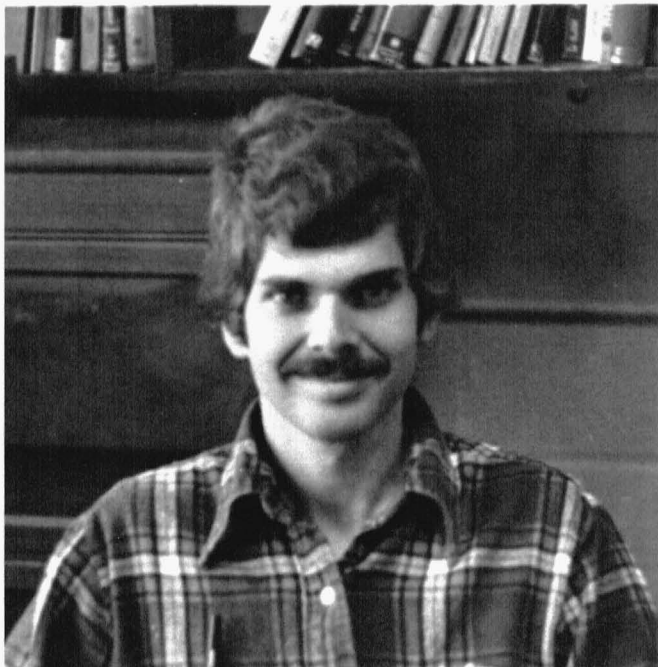
Dr. Erik K. Fritzell was added to the FFW faculty as a wildlife ecologist. His arrival marked the first addition to the wildlife staff in 25 years. A native of North Dakota, he received his B.S. from the University of North Dakota, his M.S. from Southern Illinois University and his doctoral degree from the University of Minnesota. His published research involved studies of waterfowl, raccoons, snipe, and sandhill cranes. Before coming to Missouri, he taught at McGill University in Montreal. While at UMC, he plans to continue research on the behavior and ecology of carnivorous mammals and birds. He currently serves as faculty advisor to the ENVIRONS staff and the Student Chapter of the Wildlife Society. Along with Dr. Taylor, he teaches FFW 60- Ecology of Wildlife and Man, and a new course, Principles of Fisheries and Wildlife Management; but he is much better-looking and more interesting than Taylor.



Dr. Erik K. Fritzell

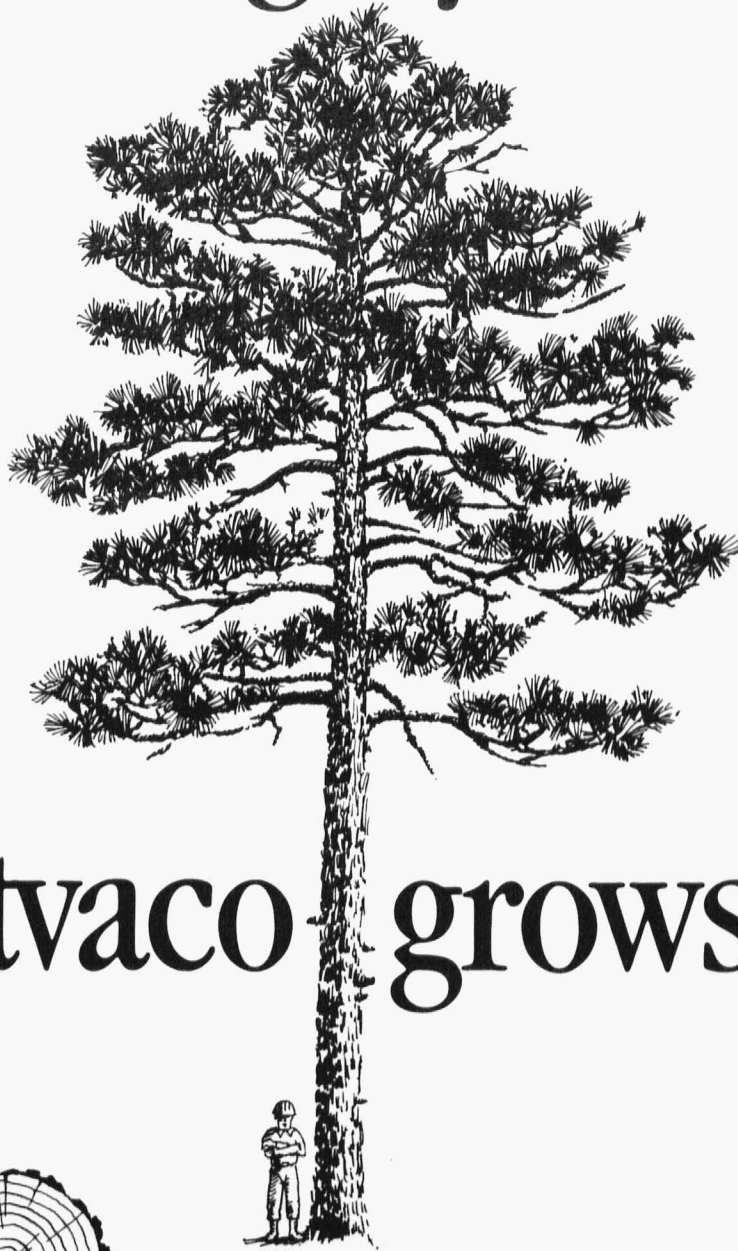
by Dr. Erik Fritzell

Dr. Bill Taylor came to the FFW faculty as a replacement for Dr. Robert Campbell who retired after a long and distinguished career at UMC. Dr. Taylor is a fisheries ecologist and a native of New York. He received his B.S. from Hartwick College, his M.S. from West Virginia University, and his doctorate from Arizona State University. His research experience and interests are with the population dynamics of zooplankton and fish, particularly predator-prey relations. He recently served as visiting scientist at the Hydrobiology Institute in Yugoslavia. While at UMC, he will study fish populations in free flowing streams and reservoirs. Along with Dr. Fritzell he teaches FFW 60 - Ecology of Wildlife and Man and a new course, Principles of Fisheries and Wildlife Management; but he is much better-looking and more interesting than Fritzell.

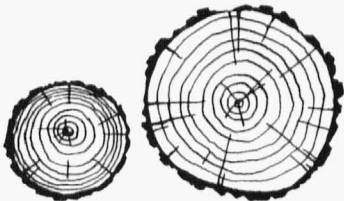


Dr. Bill Taylor

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Left, Natural Loblolly Pine—11 year growth, 9" diameter. Right, Westvaco Mighty Loblolly Pine—11 year growth, 16" diameter.

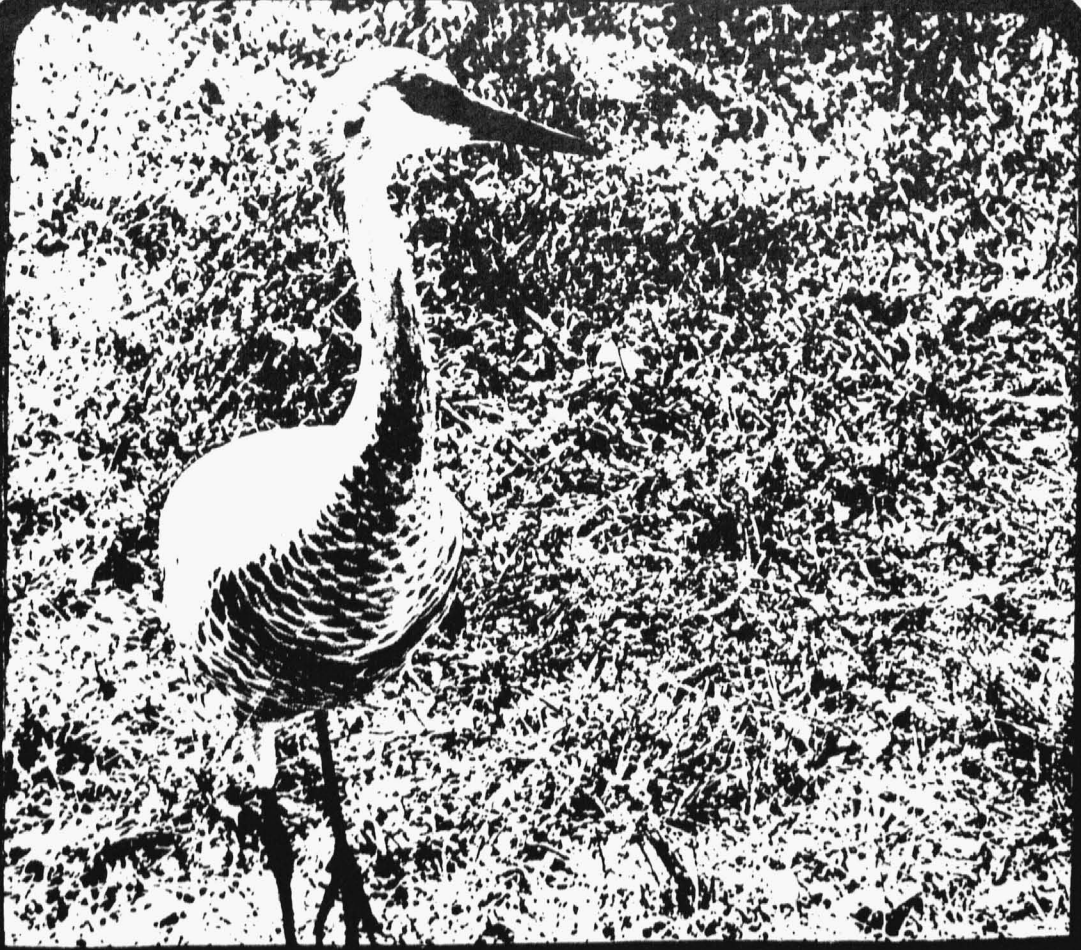
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Bodie Glascock



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Cindy Glascock



Ruby Welday



Janet Davis



Alumni

Nick's Travel Agency

by Shelby Jones - class of 1966

By the time the 1965 utilization field trip came around all previous classes had been everywhere that anyone would ever go intentionally. However, Nick got out the ouija board and selected Monticello, Arkansas as our destination. We were to tour several plants at Camden, a sawmill at Prescott, plus logging sites, plantations, and timber management activities in the area. There was also a visit to a Southern Forest Experiment Station facility. This itinerary was something less than exciting to a group of foresters fresh from summer jobs in the wilds of America. Their thoughts were more oriented toward hillbilly girls, beer, hillbilly girls!

The Monticello Hotel proved to be just what we expected, thirty years past its prime and the headquarters for the local chapter of the 'Spit and Whittle Club'. Cultural activities surfaced in the form of the county fair (in progress) and a slightly overweight, funloving gal affectionately known as 'Big Mama'. Big Mama drove a 1961 Mercury, usually on at least two wheels, and knew everyone in the county. Big Mama reveled in the attention lavished on her by our group and willingly became social chairman, matchmaker, and chauffeur. Nick and J. Howard Smith, the other chaperone, probably wondered why they never saw anyone around the hotel after returning from our daily sojourns. Now they know!

There was, however, one gigantic problem that severely restricted our evening recreational pursuits. Monticello was located in a dry township! Not even 3.2% beer could be had to quench one's thirst. The closest oasis was the metropolis of Dermott, a mere 22 miles away. The '61 Merc knew the way and Big Mama always seemed to have a powerful thirst.

The evening before we were to depart for Columbia and the start of Fall classes, an improvised meeting of the 'back of the bus gang'

determined that a celebration was in order. The hat was passed, which resulted in a fund, enough to purchase one Texas fifth of Kentucky's finest. Bad luck struck when Big Mama broke the news that the '61 Merc was inoperable. However, two volunteers took the fund, hoisted their thumbs in the direction of Dermott and soon disappeared. The evenings' activities by the rest of the group are unprintable in this publication, but everyone was looking forward to emptying the bottle on the way home.

Somewhere in North Arkansas the following morning, Nick pulled the big gold bus into a filling station and restaurant for breakfast. After eating, everyone reloaded into the bus; however, the twelve party fund donors each carried two bottles of seven-up and a paper cup. Nick pretended not to notice.

Underway again, the seal was broken with much ceremony and whispering. However, the draft from the open windows must have telegraphed our activities almost immediately to the front of the bus. All heads turned rearward, except for Nick who busied himself with

the twisting, narrow highway. The noise level increased noticeably and paper airplanes started drifting toward the front. In fact, the party got rather wild. Nick retained his composure.

The back of the bus was a mess when we arrived in Columbia. Everyone unloaded in a rather subdued manner. Nick was standing by the door. The last three to disembark were Dan Napier, Harry Kellman and myself. As we started down the steps, Nick jumped back on the bus and closed the door. "Sit Down!" he said, "You three smart alics have just volunteered to clean the bus!" We had a feeling he meant it.

We rode to his house, pulled the bus up a sloping driveway and proceeded to wash the interior with a garden hose, draining the debris out the rear emergency door. When we finished, Nick invited us in and gave us each a cold beer. I don't think there was ever any mention of the 'party' or the bourbon, but we sure sweated blood until the written examination on the trip was taken and the grades returned. Nearly every one of the 'party throwers' got an A.

In Tribute

by Harold Holland - class of 1969

Now MU foresters are a special breed -
Towering far above the rest.
While other schools turn out fair folks
Don Duncan's guys are best.

In any group they'll hold their own -
As colleagues in awestruck wonder -
Can only marvel at the fabulous fact -
MU Foresters never go under.

'Course even this most elite of groups
Had one crew especially fine,
Surely all must aspire to the standards
Set by the class of '69

Now I hope I haven't misled you,
Perhaps I should make it clear,
I speak not of working or learning -
I'm talking about drinking beer!!

Reflections of Conclave

by Tom Ronk - class of 1970

FORESTERS CONCLAVE! I first heard those words echo through the halls of the Ag building in the Fall of 1966. As a freshman in the school of Forestry, I knew after an inquiry or two that this was something I wanted to compete in. During my early days as an M.U. forestry student, I admired that old, dirty bear skin hanging majestically on the School of Forestry wall. As I found out later the 'Bear Skin' was awarded to the Midwestern School of Forestry which takes last place in the annual conclave events. What I had been admiring hanging on the office wall was actually an insult to our conclave team!

In 1966 we traveled to Ann Arbor, Michigan to the hosting University of Michigan. Our team put forth a strong showing and although we finished fifth, we were only 3 points behind first place Michigan Tech. Our most significant goal was achieved, we got rid of the 'Bear Skin' rug.

Dog Days As A Research Assistant

by Gene Brunk - class of 1959

In the summer of 1958, I was employed by the School of Forestry as a research assistant. This was between my junior and senior years. I worked primarily for Don Janes, who was doing research work on soft maple, but I also worked for Dr. Smith, and I helped build a weather station at University Forest for Pete Fletcher. Undoubtedly the highlight of the summer, however, was working on a soil-site index study for A.J. Nash and Mizzou.

Mizzou was the most miserably spoiled rotten collie dog I have ever seen. Leon 'Cheeta' Lichterman and I helped Nash. Cheeta had vowed to kill Mizzou before the summer was over.

At the motel where we stayed in Fredericktown, Mizzou would wake Cheeta every morning by jumping on top of him and licking his face. Mizzou would pee on the motel floor, on Lichterman's shoes, and once tried to bite an old lady

A lot of enthusiasm was displayed by our 1967 conclave team as 19 M.U. foresters travelled to Southern Illinois University at Carbondale. Our hopes quickly faded, however, as the 'power teams' from Michigan and Minnesota completely overwhelmed the competition. Our saws and chopping axe just couldn't compete with the professional equipment used by the other schools. Mizzou finished tied for last with Illinois. A flip of the coin and luckily Illinois had to take home the 'Bear Skin'.

In 1967 and 1968, we had good strong teams with plenty of enthusiasm. Our problem seemed to be with equipment. We could finish good enough to keep the 'Bear Skin' out of Missouri, but not good enough to become serious competition. The forestry club made several equipment expenditures in 1969-1970 which started to change the Missouri Conclave team. In two short years Missouri foresters turned a few heads and became the powerhouse Conclave team which

one night on the main street of Fredericktown. Mizzou barked, raised hell, and tried to bite five other people at the Farmington Drive-in theatre one night. Nash would say, "now Mizzou! Bad doggie! Don't make daddy have to spanky." It made us nauseous.

is today respected by all midwestern forestry schools. From those early days in 1966 to 1970 the ground work was established which ended the days of the 'Bear Skin' and seated Missouri as a true power to be reckoned with on any conclave field.

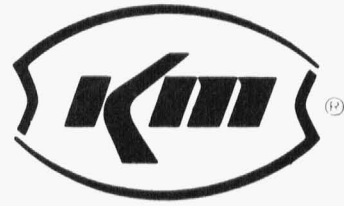
Although we never finished 'in the chips' while I was log rolling, sawing, and traversing, there is one award that can never be erased from my mind. The comradeship and memories with such individuals as 'Ace' Juttner, Larry Bear, 'Axe' Tinsley, Ron Allen, Ken Peterin, Rick Heyn, Bill Houston, Eric Heyn, John Michaud, Jack Rowland, Jack Woods, Greg Moe, Rich Sirken, Ron Kuebler, Dan Ven Petten, Dan Erion, Clif Buuck, Bud Morton, Jim Jones, Bryon Morrison, Bob Sanders, Tom Oldham, Dan Bogler, Steve Swain, John Timmerman, Duane Parker, Dennis McDevitt, Don Smith, . . . The list goes on, but the memories will never fade.

We did the world a great disfavor when we didn't assassinate that dog. But we were poor, and our senior year was coming on. We let Mizzou live . . . and we survived.

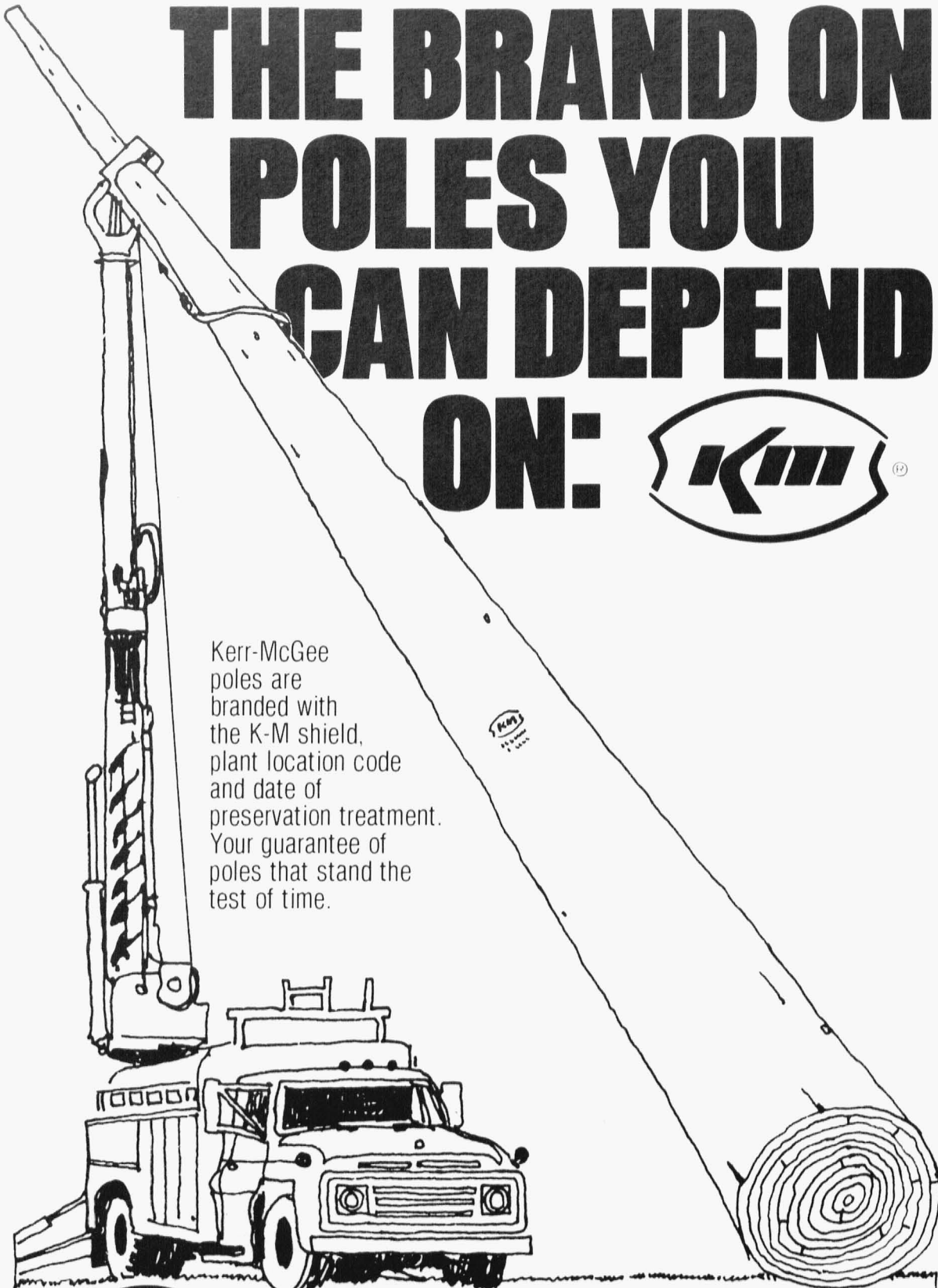


The Authors: (l. to r.) Gene Brunk - Staff Assistant, Harold Holland - Fire Prevention and Training Specialist, Shelby Jones - Forest Products Specialist, Tom Ronk - State Land Management Specialist; Mo. Department of Conservation.

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Organizations

FORESTRY CLUB

by Dan Schuette

The UMC Forestry Club has been considered the most active student organization on campus. This could well be the understatement of the year! The Club had good participation by members and support from faculty and the School.

The year began with the traditional Bean Feed to welcome new students and encourage participation in the Forestry Club. A 'rigorous' initiation followed some days later to test the worthiness of new members. A goodly number went through the late-night ceremony and most survived. On the lighter side, the Club had two square dances, roller kegger, and spring barbeque. In October, a topnotch team made the long trek to Michigan State to again bring home the first place trophy from the Midwestern Forester's Conclave — and another chain saw! The Forestry Club banquet was a highlight of spring activities.

The Club also has its serious side. The program of the Club rests on successful operation of a concession stand at home football games and the traditional Christmas Tree Sale held under the stands at Memorial Stadium. The Club presented to most fourth-grade classes in Columbia a slide program on what forestry is all about. On Arbor Day, 960 scotch pine seedlings were distributed to 1000 fourth-grade school children who were told the importance of trees and forest — and how to plant their seedlings and take care of them. The Club also provided \$600 for four scholarships for students attending summer camp.

Finally, one extra 'biggie' was thrown in this year: The National Convention of the Society of American Foresters in St. Louis in October. The Forestry Club hosted the most ambitious student activities program ever attempted at a national convention. Response was good!



Fall '78 Club Officers: (l. to r.) 1st Row: Sarah Woody, Sec.; Dan Schuette, Ranger; Lillian Millman, Asst. Forester. 2nd Row: Vicki Jacobson, Treas.; Jim Birkel, Forester; Dave Macher, Parliamentarian; Roger Alabach, Historian.



Winter '79 Club Officers: (l. to r.) 1st Row: Vicki Jacobson, Treas.; Lynn Walters, Ranger; Ruth Crownover, Sec. 2nd Row: Dave Macher, Parliamentarian; Don Ault, Forester; Skip Kincaid, Asst. Forester; Roger Alabach, Historian.

THE WILDLIFE SOCIETY

by Brad Meyen

The Wildlife Club is a student chapter of the national Wildlife Society. The club's meetings are held on the first and third Monday of every month. Guest speakers are invited to the meetings. Professors, graduate students, and Missouri Department of Conservation personnel gave talks on subjects pertaining to fisheries, wildlife, and other natural resource topics.

Major events of the fall semester include a turkey shoot and a field trip to Swan Lake National Wildlife Refuge. In the winter semester the club attends the North Central Section of the Student Wildlife Conclave. The year is topped off with a Spring Bash at the Charles W. Green Wildlife Area.



Club Officers: (l. to r.) Brad Meyen, Vice Pres.; Vicki Kimmel, Sec.; Dan Gahr, Pres.



Woodcock Chick



"One for you . . . and one for me . . ."

STUDENT COUNCIL

by Roger Alabach



Student Council Members: (l. to r.) 1st Row: Elaine Motycka, Sec.; Randy Leutzinger, Pres.; Roger Alabach, Vice Pres.; Patricia Claypool; Ruth Crownover, Treas. 2nd Row: Rex Boyer; Mike Hoffmann; Anne Stelzer. 3rd Row: Bruce Caldwell; Skip Kincaid; Bruce Hinterleitner.

The main objective of the Student Council this year was to encourage participation in professional programs. This was achieved by providing funds for student activities in the Society of American Foresters Convention last fall and financial aid for people participating in the wildlife conclave this Spring. A number of field trips which included a veneer sawmill tour, the Shell-Osage wildlife trip, and a trip to Mingo Swamp were also sponsored by the Student Council.

Some of the continuing programs that were provided included camping equipment maintenance and checkout, the first aid seminar, and graduation ceremonies at the end of the fall and winter semesters. Binding the past five volumes of the Journal of Forestry and a Fisheries Journal was a special project that was taken on this year.

All in all this was an active year for the Council, especially around the week of the SAF convention. The Council has been working particularly hard this year to provide more professional programs and will be working continually harder in the future to provide even better programs.

XI SIGMA PI

by Carol Bradway

Maintaining high standards of scholarship in forest resources management is just one goal of Xi Sigma Pi, the forest resources honor society founded at the University of Washington in 1908. Various projects are carried on throughout the year in the Tau Chapter, which was established at the University of Missouri in 1952. The Chapter seeks to promote scholastic excellence, professionalism and a sense of brotherhood among forestry students. A free tutoring service is offered by society members for forestry students and awards are presented to the freshman and senior with the highest scholastic average. This year the recipients were Theresa Evans and Dave Macher.

Projects this year included the establishment of a new interpretive tree trail on campus, the Xi Sigma Pi bulletin board in the Agriculture



Chapter Officers '78-'79: (l. to r.) Roberta Mueller, Forester; Anne Stelzer, Sec.-Treas.; Kevin Runge, Ranger; Donald Becker, Asst. Forester.

building illustrating current forestry issues, and a Saturday nature walk for underprivileged children. A banquet is held each semester to install new members. This year 42

initiates became members of the Chapter. The increased involvement of this year's members has established our chapter as an active part of the School.

LUMBER JILLS

by Tina Pascoe

The idea behind Lumber Jills is to give the wives of forestry students a chance to become acquainted, not only with one another, but also with other Forestry Club members.

Each year a tea is given in honor of the new girls to plan the year's activities.

During winter, Lumber Jills and the Forestry Club gather at the Paulsell's home for the tying of the boughs to be sold with the Christmas trees.

In the spring, help is given in setting up the Forestry Club banquet. A picnic is held to end the year.



(l. to r.) 1st Row: Kathy Ault, Cindy Leutzinger. 2nd Row: Tina Pascoe, Kristen Tuckfield, Mrs. J. M. Nichols.

WHITE OAK

for cooperage is

MISSOURI'S MOST
VALUABLE VOLUME SPECIES

Grow

WHITE OAK

where conditions are favorable

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Lebanon, Missouri

MISSOURI'S ONLY MANUFACTURERS OF
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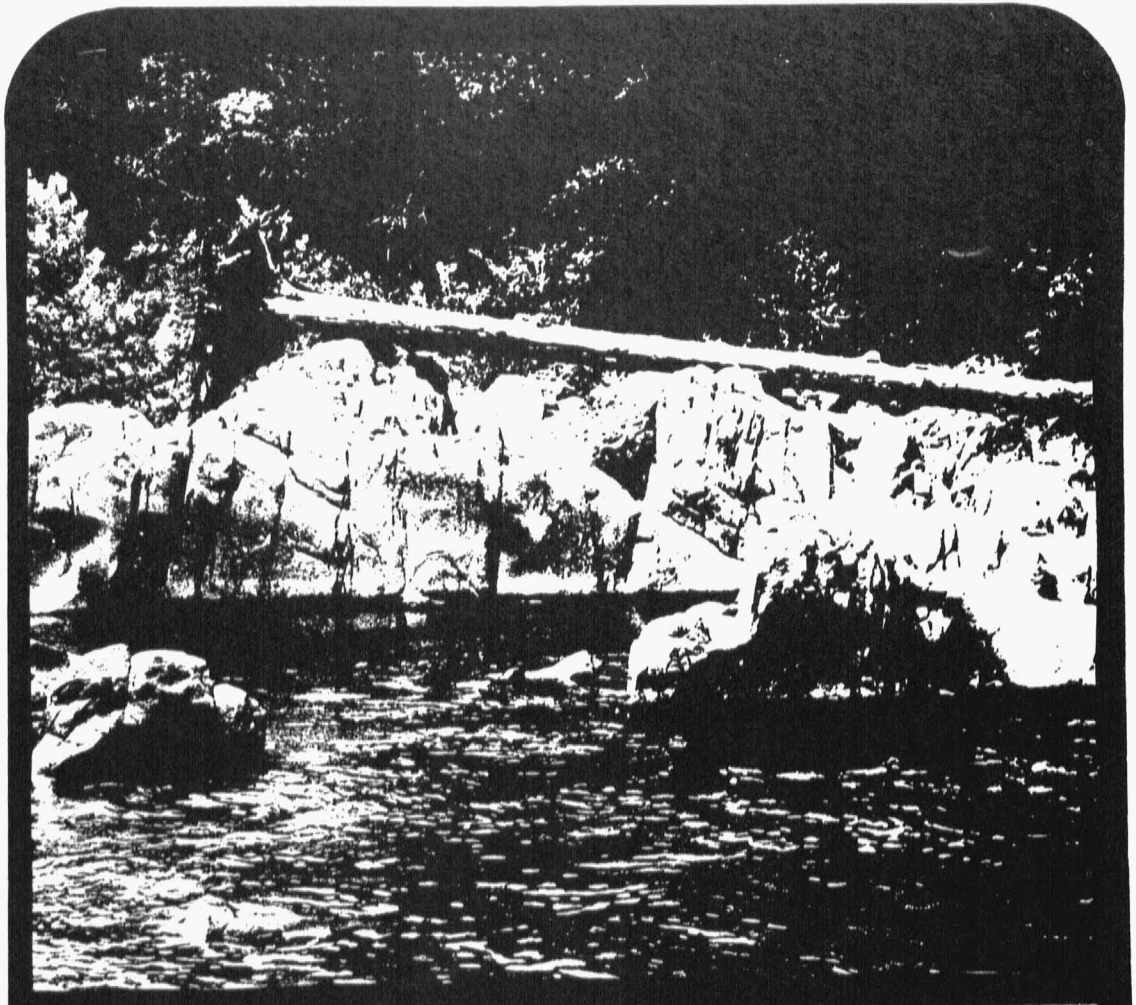
Divisions:

Harrison Furniture Mfg. Co.
Manufacturers of bedroom furniture

DIDware - Manufacturers of wooden
housewares and gift items

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Lebanon Supply Company



Activities

SUMMER CAMP I

by Scott Groene

The first session of the 1978 summer camp was one characterized by a group of students thirsting for knowledge. And their thirsts were quenched. The first two weeks of Forest Engineering taught the fledgling foresters that a 9" DBH trash species can be felled with a few vigorous hacks of a machete. Under the tutelage of Dr. Nash the students learned several methods of instant tree mensuration on those last three distant sample plots. Then the travel agency of Paulsell and Settergren arrived to lead campers over the river and through the woods so that they might better understand the SE Missouri Ozarks' ecological system. And the last week brought instructor Bruce Cutter to educate by example the secrets of winning volleyball, while often reminding all that forestry camp was much tougher in Texas. The students' minds were also daily challenged with out-of-classroom problems, such as, why can't forest management people throw frisbees as well as recreation majors, and do the bats frequenting summer camp yard lights prefer diving at aluminum or steel beer cans thrown in the air?

Throughout the six weeks, discipline as well as knowledge was gained by the campers. Long hours were put in at the Duck In Public Library by some, while members of the Griz Patrol were forced to split around the clock shifts to keep the camp bear-free. And, up until the final victorious battle of the Watershed Patrol, campers were kept in constant red alert, never knowing when the infamous Bathhouse gang might strike again, though right after breakfast was a pretty good guess.

Summer camp at University Forest provided the student a

chance to make some good friends, see some beautiful back country and learn a little about forestry on the side.

Camp had its good (like a Black River float trip on a hot day, cool one in hand) and bad (hot vegetable soup for the fifth straight smoldering day). But it will always be reflected upon by students with the certain reverence shown in the chorus of the camp hymn . . .

"O' Lordy, Lake Wappapello,
O' Lordy, drinkin' us some beer,
O' Lordy, Lake Wappapello,
O' Lordy, get the hell out of here."



Big Oak Tree State Park



That reminds me of the story about . . .



Now we know why they call it the mess hall.

SUMMER CAMP II

by Kevin Runge

Reminiscing one's experiences at summer camp will always bring mixed emotions, but for the brave souls that weathered '78's second session, the fond memories should surface easily.

Memories of the late nights at the Duck Inn, early mornings with the cold french toast, watching a full moon rise over Wappapello, swinging from a rope into the Black River and CATCHING the football, leaving a car parked on the bank of a rising river and losing the keys to it, playing 'frisbee golf' with a rattlesnake, midnight drives to Round Springs via the ditch, and a softball kegger that yielded two drunks per run scored will bring smiles to many faces for years to come. However, if one were to observe a veteran recalling those good times, you may notice the smile quickly succumb to a countenance of puzzlement.

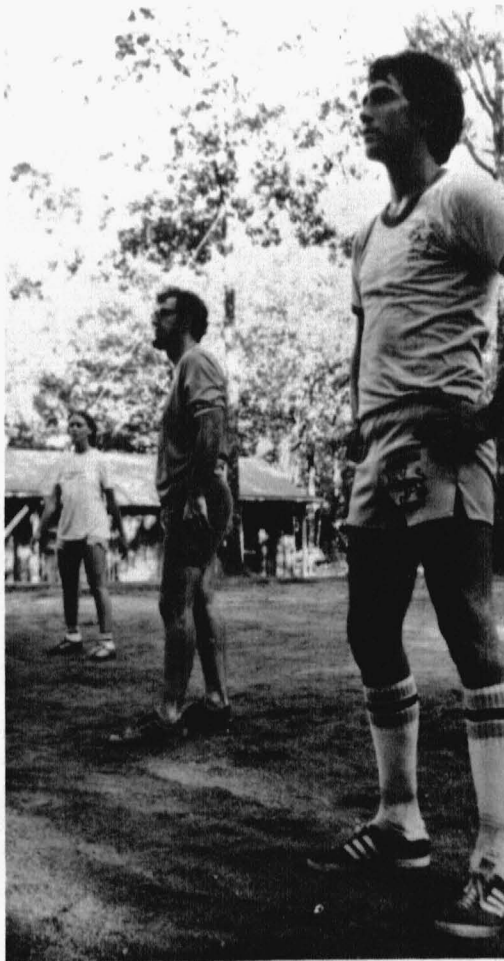
The question that haunted foresters throughout '78 and remains unanswered is, "How does Ralph always know?" Is he really omnipotent, or does he have closed circuit television? If anyone can answer this question now, or at a future date, please post a notice on the bulletin board.



Missouri Department of Conservation - 1990



"I can only take so much."



The front line.



The Soldier Pine.

INITIATION

by Cheryl Fey



"We done it, guys!"

Sixty-three Forestry Club members began their initiation ordeal with a long hike out to the rock quarry. Tied together with their clothes on backwards, a plaque around their necks and paper plates for hats, the initiates started out in good spirits. On the way, the new foresters were introduced to forestry, Missouri style, including poison ivy and chiggers. The weather was great until they reached the ridge, when raindrops, shaped like water balloons, came down in full force.

All initiates eventually appeared before the Devil and after a swim through the beautiful Hinkson Creek they made their rendezvous with none other than Paul Bunyan. At dusk the Old Man paid his annual visit, sharing with us his words of wisdom.

BEAN FEED

by Skip Kincaid

Eating wasn't the only subject on the agenda at the Bean Feed. A number of faculty members were introduced to the fledgling foresters. The new students must have thought it strange to meet some of their professors while munching on beans and hot dogs, but it did get them used to the idea that those awesome college professors are human and prone to spilling the beans, too!

After a period of introductions and distinguishing newcomers from the old-timers, the prospective new Forestry Club members were given the news about the initiation procedures for joining the club. They seemed a bit wary, but excited, about what was to come. With beans eaten and business settled, it was concluded that a good time was had by all.

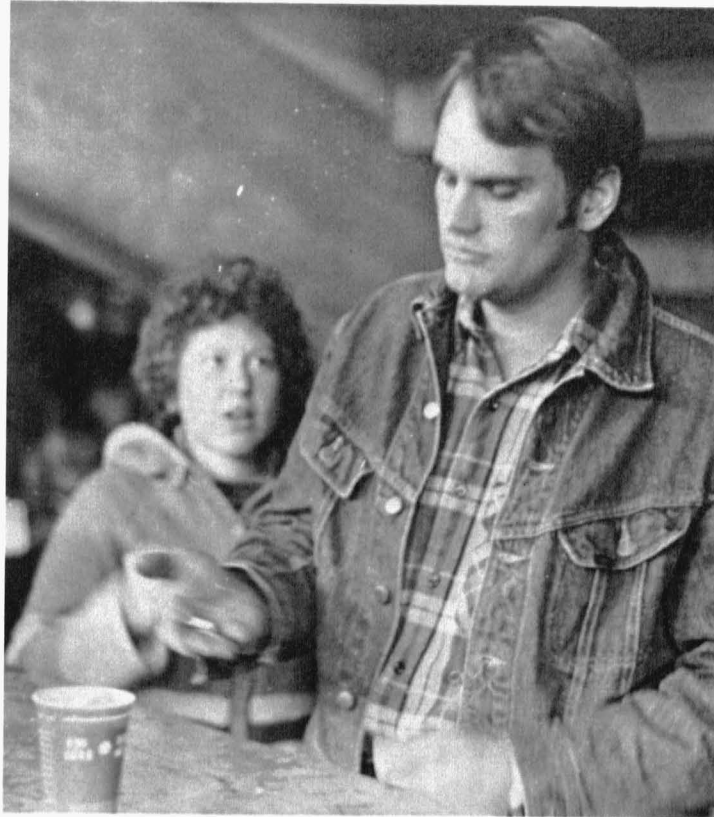


Forester Birkel proves he can dish it out.

CONCESSION STAND

by Elaine Motycka and Lynn Walters

The Forestry Concession Stand was a booming success under the skillful leadership of Lynn Walters and Elaine Motycka with the special thanks to Don Ault and all those who gave their precious time and energy to help. We hawked sodas in the stands for those precious BIG BUCKS and rolled drunks when sales were slow. In no other school will you find such zeal for pushing sodas and crackerjacks. For these efforts the Forestry Club came out 1600 bucks richer. And a fun time was had by all.



"Duh, 5 . . . 10 . . ."

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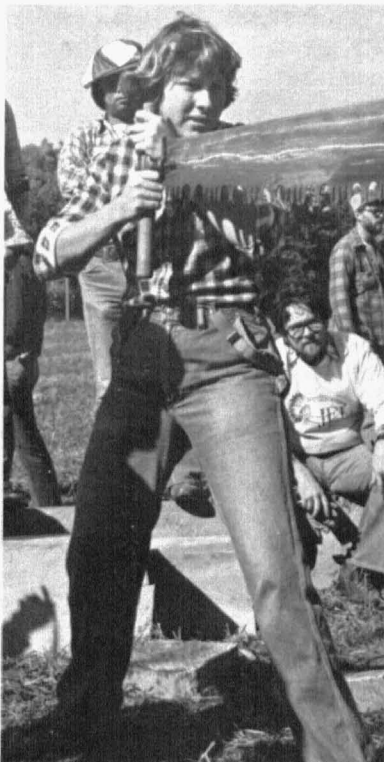
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CONCLAVE

by Randy Leutzing



Hard work and team spirit



Do I push or pull?



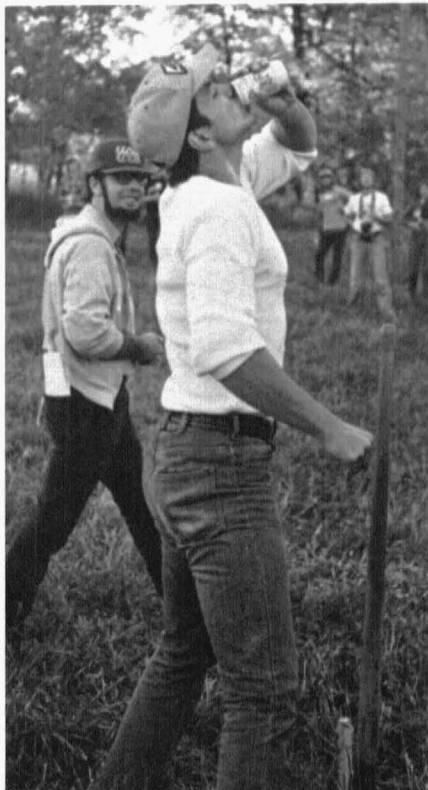
Poke it again, it's not dead yet!



Ummph . . .



Spittin' and Grinnin'



Chug it, Mike!

In past years Missouri has been doing things in a big way when they've gone to Conclave and this year proved to be no different. After traveling 629 miles, the team found they were the first to arrive. The home team hadn't even shown up yet. Again, the next morning, Missouri was the first, this time in the chow line. After a hearty 3-donut breakfast, competition began.

The first event of the day was the tobacco spit. Charlie Hirt, with brass spittoons in his eyes, took second place. At the same time, however, our match splitters and one-man sawyers all drew short straws and the captains could be seen wringing their hands waiting for 2-lady buck to start.

When 2-lady buck started, Missouri shifted from low to high speed. Cheryl Fey and Barb Paubel took first and Ann Carroll and Mavis McBride took second. Meanwhile, Mike Conway and Doug Bibens were grunting and groaning their way into third and fourth in the bolt throw.

The noon events began with log rolling and speedchopping. Bob Heath and Pete Miller led the way in the log roll, taking first, with Mike Hoffmann and Randy Leutzinger taking second. The speedchoppers swept first, second and third with

only two seconds between first and third. Mike Hoffmann took first, Mike Pollock second, and Galen Wright third.

As the excitement from chopping faded, the dendrology and traverse results came in, with Betsy Gerard and Greg Haston taking third and fourth in dendrology and Ruth Crownover taking first in traverse.

Meanwhile, our chain throwers were finding out that the chain had a mind of its own, and Missouri failed to place. At the same time, the pulp toss team of Galen Wright, Don Ault, Jeff Otto, and Rick Spurgeon finished with a strong second place.

In the last regular event of the day, the 2-man buck, Missouri sawyers scrambled among themselves for fourth place, with Don Ault and Doug Bibens coming out on top.

In the special event, Mike Conway led off by showing us how fast he could chug a beer, fall on his face and crawl 50 feet. Mike Pollock then scurried up a pole and barely got back down before Tom Dean began chopping it down. Pat Claypool and Bruce Schmidt made a strong drive in the last leg, a canoe race, but fell short of placing.

When all was said and done, once again Missouri had taken first, to make it 6 out of the last 8.

S.A.F. CONVENTION

by Tim Marty

"Gateway to Opportunity" was a fitting theme for the S.A.F./C.I.F. national convention as it provided many opportunities for University of Missouri students to explore the frontiers of forestry in the old frontier city, St. Louis. Students had the opportunity to sit in on technical sessions, to mingle with leaders in industry and government, to meet students from other schools, to look for a job, to evaluate career objectives, and obtain current literature.

The highlights of the three days were the success of the student hospitality room, the career forum, and the dinner cruise on the Admiral. The student hospitality room provided a place for students to congregate and talk with each other and with forestry professionals who contributed their time to share tips on job finding. The career forum was held one night and featured an hour of refreshments and talk with leaders in various fields of forestry and then a panel of lecturers with information and advice for students. Tuesday night most attended the dinner cruise on the riverboat, the Admiral. This was a time of dancing and informal conversation.

Much advance planning went into making this convention an educational and enjoyable experience for the record number of students that attended and special thanks should be given to the professionals who contributed to the student program, the people who donated money to the student hospitality room, and the students who took part in this unique learning experience.



PARENTS' DAY

by Greg Haston

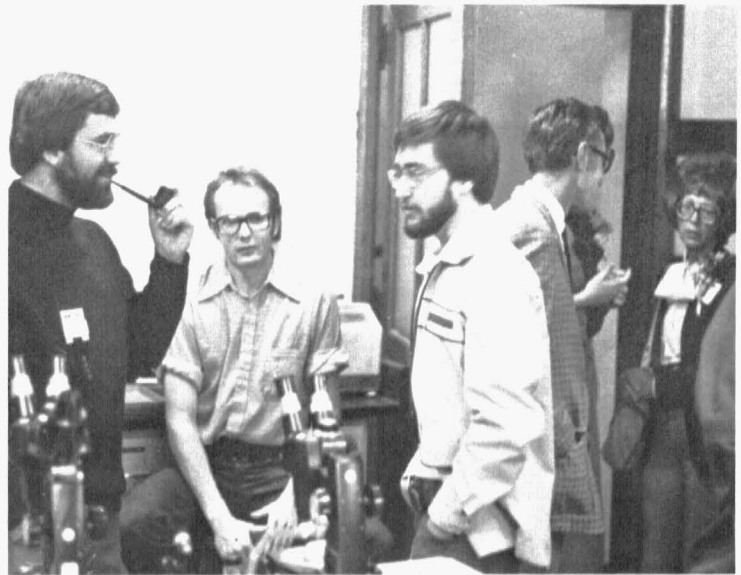
Parents' day was held on October 14, 1978. It gave students a chance to show their families around the campus and to meet the faculty. The school of Forestry, Fisheries and Wildlife met in the Memorial Union Ballroom. Dr. Duncan introduced faculty members and gave a slide presentation about the undergraduate teaching program and current research.

Following this meeting, families with students in Fisheries and Wildlife met in LeFevre Hall. Dr. Witt, the Assistant Director for Fisheries and Wildlife, showed slides concerned with this section of the School. After the program, every one had an opportunity to view displays in LeFevre and Stephens Halls.

Families with students in Forestry went to the Agriculture Bldg. A slide show was presented by Mr. Lee K. Paulsell and Jim Birkel, the Forestry Club president.

After this, displays on cartography, aerial photograph interpretation, dendrology and wood technology were available for viewing in their various laboratories.

A delicious roast beef dinner co-sponsored with the College of Agriculture satisfied hungry appetites and brought the program to a close.



CHRISTMAS TREE SALE

by Ruth Crownover



Forestry Club's Christmas Tree Sale opened on a cold, snowy December 7. About 925 trees and other decorations were sold in 3 days, but the project involved much more. Members marked, inventoried, sprayed, cut and hauled the club's trees to be sold. Mr. Nichols again loaned his spraying equipment. Trees came from four sources this year, increasing and complicating the workload. Advertising, advanced sales, the Lumber Jills help, sorting and pricing, all took place before the actual sales began. The sales went well due to good participation, although the weather was not the greatest. Even the 'Charlie Brown' tree was sold the last evening! Sincere thanks are due especially to the Intercollegiate Athletics, University Police and the Physical Plant.

The many faithful workers will recall that: Paulsell's chili stays with you, but could be detrimental to your health; the Welday's Christmas goodies are super; and that owners of Volkswagens always buy 8-foot trees.



WILDLIFE CONCLAVE

by Stuart Schneider

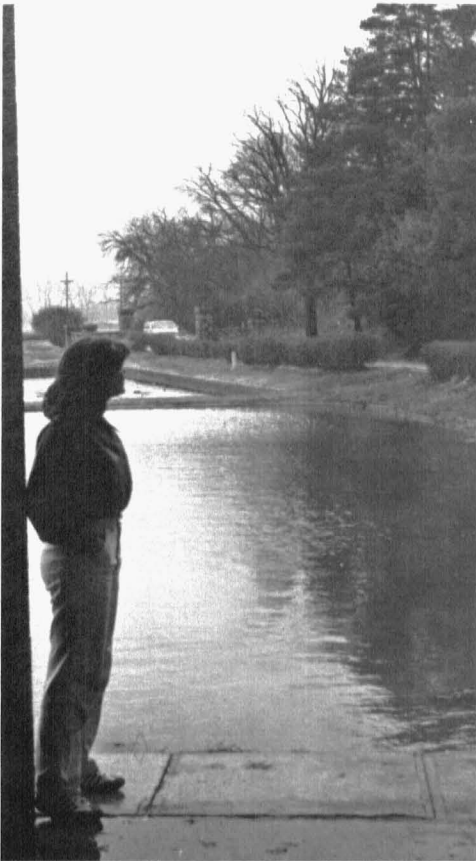
The truth of the matter is, it was a helluva lot of fun. Of course, there was a fair share of party poopers (one at least). As usual, our quiz bowl team of Gahr, Kaiser, Blank and Meyen, "stumped" the audience with their intense knowledge of worthless trivia (such as how many teeth an elephant really has). Ah yes, memories we shall never forget . . . of people sleeping in elevators (eh Matt Grey?); of Do Not Disturb signs and afternoon delights (strengthening the relationships between forestry and wildlife personnel), no names please; of slam dunks of beer cans imitating the "Bird" and 5 on 5 street basketball between Missouri and Stephens Point, (at least we beat them at something); and of "boy, whatever happened to Saturday Night?" Missouri was the rowdiest and best darn drinking school at the conclave. Some of us exposed ourselves more than we wished, and all danced and moved to bluegrass music till we could hardly stand. I'm surprised nobody was hurt. The Chapman twins amazed us all with their never ending repertoire of drinking melodies and Meyen's disgusting jokes about short monkeys were never appreciated. Is species with a capital "S", Doc? After all, Al-sar-ben isn't the most forward, exciting and beautiful place I've been in. The field trips will always be remembered. The aquarium, perhaps the most exciting insight trip, gave the students new insight into the construction and maintenance of air-conditioning systems and prison labor. (Where are the fish?) The sandhill crane trip was a lesson in getting up early with an acute hangover and God knows how long it takes to get served in that lousy cafeteria! Enough; little else can or should be said.



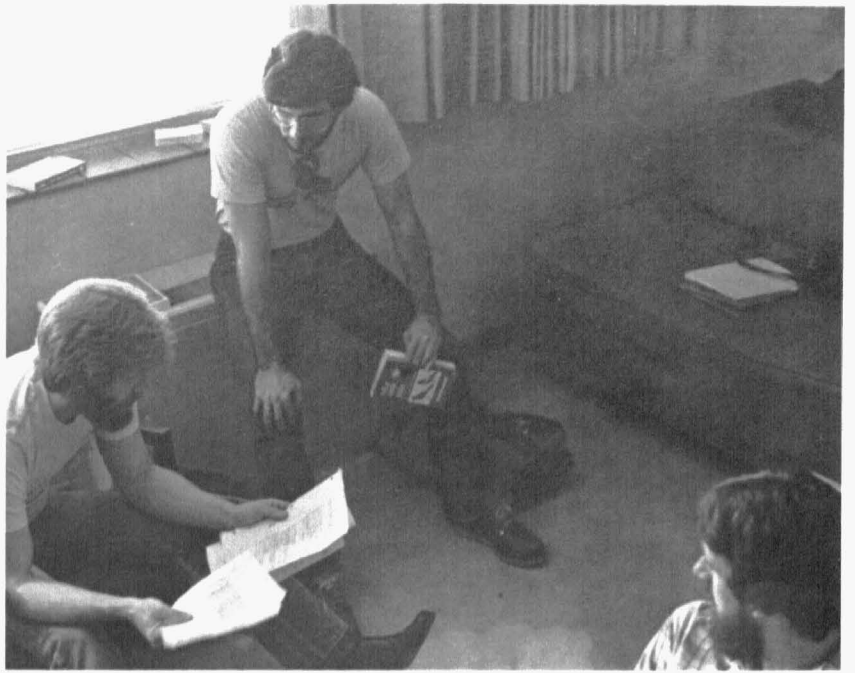
Holding pools for the fish.



"Ready to Mount"



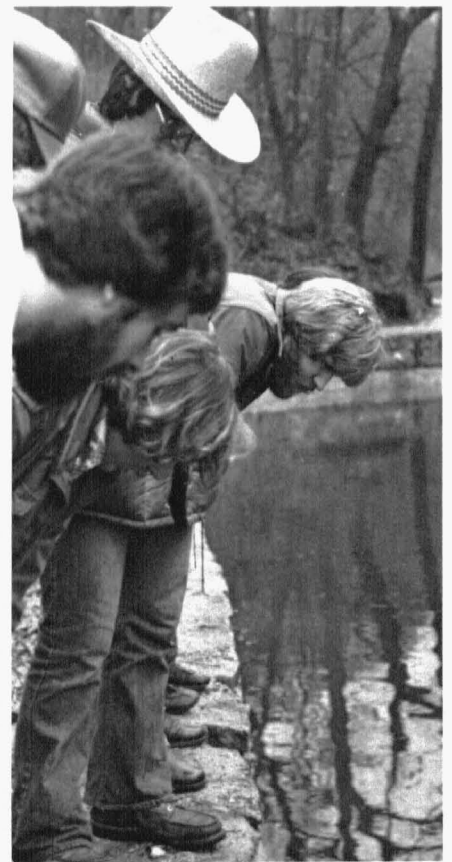
Diane Young



Studying for the Quiz Bowl.



Cheap lodgings at Nebraska, eh Matt Grey?



"CYPRINUS CARPIO" anyone?

SPRING BARBEQUE



by Anne Stelzer

Wednesday, May 2 dawned gray, overcast and rainy. But of course, it was the day set for the Forestry Club's annual Spring Barbeque. Nonetheless, being woods hardened foresters the members turned out in full force at Cosmos Park. Chef Don Ault had the venison and chicken cooked to perfection when the troops began to arrive around 2:30. The food disappeared quickly and those forced into remaining in classes until later in the afternoon ended up with empty platters, almost.

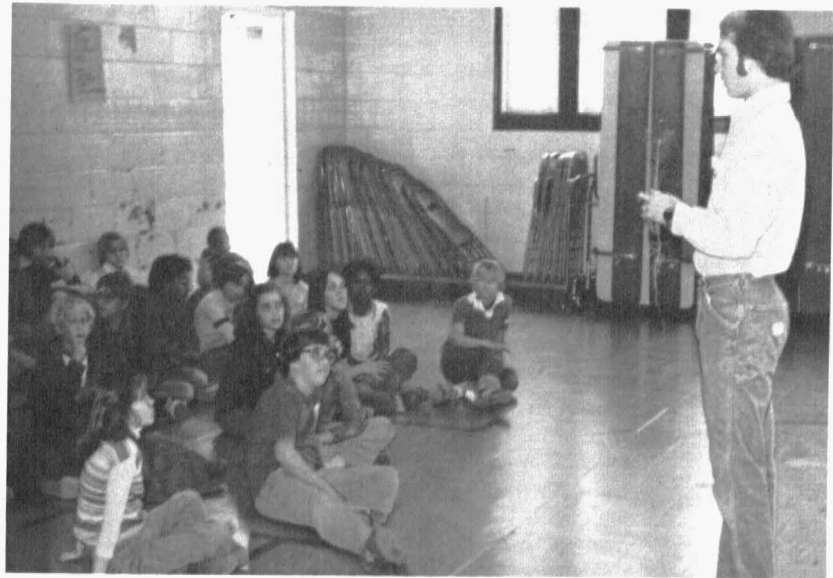
The drizzle continued intermittently, sometimes ending long enough to get a few frisbees thrown and some soccer balls kicked around. Much beer was consumed, the usual story, and the party broke up to pursue more interesting endeavors such as Photo's maps and Computer final projects.



ARBOR DAY

by Jim Edgar

On April 9th, the Forestry Club distributed 960 Scotch Pine seedlings to fourth grade students in the Columbia area. With the seedlings, a short talk was given about Arbor Day, plantings, and the care of trees. A wide variety of questions were answered by the club members who visited the schools. All of the students involved, both young and old, seemed to enjoy the program.



Greg Haston showing students how to grow trees.

FOURTH GRADE EDUCATION

by Lillian Millman

“Doesn’t that stuff you spray on the trees kill the fish and wildlife?”

UMC Forestry Club members encountered this typical question often from Columbia fourth graders. The fourth grade education program was presented again this spring. Skip Kincaid, committee chairone, said, “The herbicide questions stemmed from three new slides we added this year.” These slides were various views of aerial spray jobs.

Columbia public and parochial schools and Ashland schools participated for the fourth consecutive year of the program. We never forgot a good service project once we found it. The slide show and demonstration were slightly different from past years, but the emphasis was the same, forest management. A block of walnut and red oak and an increment borer were used as more permanent items of this year’s program.

Forestry students learn just how much they really know when a fourth grader asks, “How do you make paper?” He lingers on your every word expecting to hear every piece of equipment involved.



Lynn Walters showing increment borer to the 4th graders.

THE SHOOT OUT!

by Brad Meyen

The fall turkey shoot on September 30th, began with a bang at the Charles W. Green Wildlife Area. Cool, windy weather chilled over twenty members of the Wildlife Society Student Chapter. Hotdogs and good competition quickly warmed up the participants.

Kyle Austin won the skeet shoot hitting 14 of 15 clay birds using a Model 120 Marlin pump. Second place fell to Larry Curtis when he shot 12 of 15 targets with the same make of shotgun.

Arlan (Twig) Wood teamed up with a Browning compound bow to win the archery competition with a score of 76/100. A score of 69/100 points placed Ed Thompson at second with his Bear compound bow.

First place winners won \$10.00 while runners-up received \$5.00



Hay bales provide excellent backing for a target.



Twig wonders about his shooting ability.



Brad shows good form with a bow.

SQUARE DANCE

by Pat Claypool, 1st

Two square dances were held this year, November 10 and February 9. Ray Crowley was the caller, with the "Bass Street Boys" taking over during intermission. A pinata was featured at the first square dance, breaking Charlie's crutch in the process. At the second square dance chugging contests were popular with Shawna Mullinix winning the women's, Don Ault

winning the men's contest and Ann Carroll and Charlie Hirt winning the couples contest. As usual, everyone wished the nights wouldn't end, but when the beer runs low and the tobacco cups are full, you know the night is soon over. Even though there were a few mishaps with overzealous dancers and beer spilt on clean clothes, a good time was had by all.



Swing your partner, even if you have to pick her up.



"Rocky top you'll always be . . ."



A well done right hand star.

FORESTRY CLUB BANQUET

by Lee K. Paulsell

. . . House lights dimmed - white candles jumped to flaming life - red roses warmed the tables as the 28th annual banquet of the Forestry Club jumped off Sunday evening April 8.

. . . An early arrival, hoping for a handout, was Smokey Bear, who added a surprise touch to the evening, shaking hands and handing out momentos of his visit.

. . . Don Ault, Forester of the Club and the "Johnny Carson" of Forestry circles, did an outstanding job of "toastpersoning" the evening.

. . . Club members, their guests, faculty, and special guests of the Club and the School enjoyed a bountiful buffet dinner featuring delicious summer camp dishes. Mike Hoffman was in "Hog Heaven"!

. . . We were proud to present the "Karkhagne Two" — country music — some original — featuring our own Kevin Tuckfield and Tom Dean — warmly received!

. . . Don Ault introduced special guests of the Club and called on Director Duncan to recognize sponsors and recipients of scholarships and other financial assistance.

. . . Roberta Mueller presented the Xi Sigma Pi freshman and senior awards. Dr. Richard C. Smith,

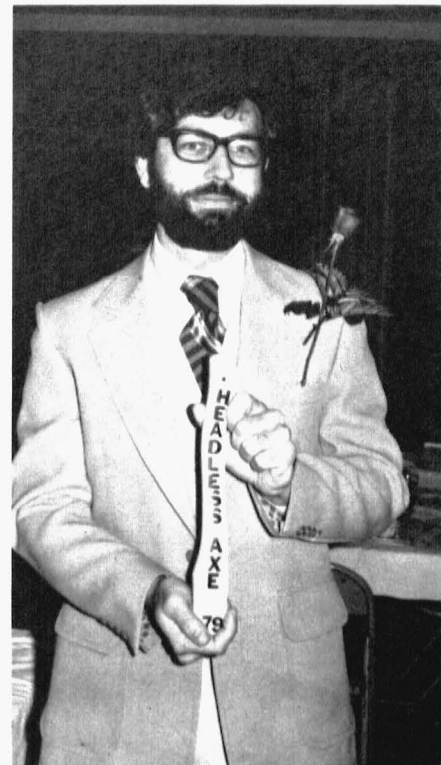
Assistant Director for Forestry, recognized the winners of the R. H. Westveld Awards and the Westveld Prize.

. . . "Skip" Kincaid added much suspense to the evening as he very cautiously announced the winners of the "Headless Axe Award" for the biggest "goof" by a student and faculty member during the past year. Ruth Crownover won it as a student for walking the wrong way down a country road at summer camp. Mr. Bruce Cutter won the faculty award for his expertise (or lack of) in the use of wood-working equipment.

. . . J. M. Nichols was named an Honorary Member of the U.M.C. Forestry Club for contributions to forestry in Missouri and received a plaque in appreciation for many years of support of the Forestry Club. Lillian Millman made the official presentation on behalf of the Club.

. . . We were pleased to present Mr. Joe Adelman, Retired Kansas City Police Captain, who said absolutely nothing about everything in the place of Dr. Wilbur Schaeffer who missed his flight in Denver.

. . . And Paul Bunyan was returned to his underground crypt on Monday!



Bruce gets a handle on Missouri.



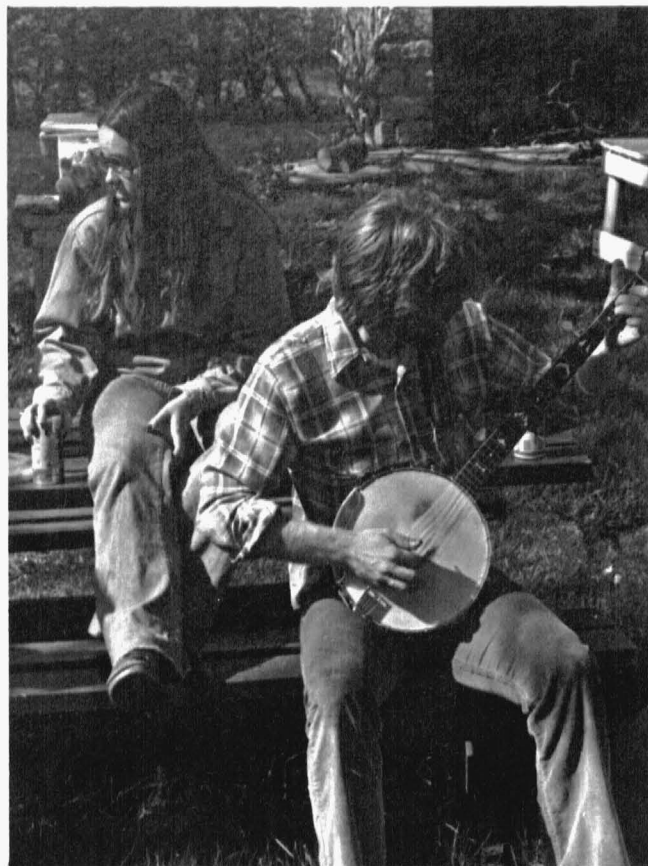
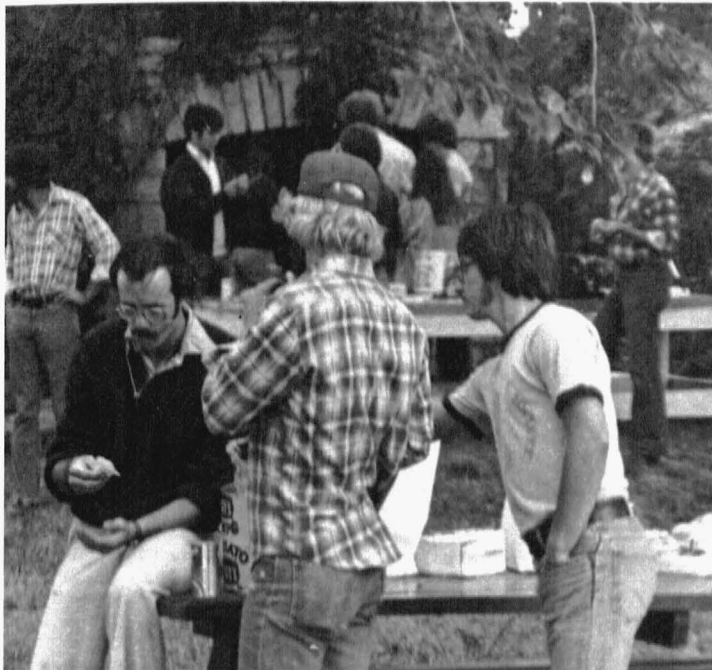
Singing for their supper.



Need a light?

SPRING BASH

The Spring Bash was held at Charles W. Green Wildlife Area this year, accompanied by good music and good food.



WHOLESALE

RETAIL

MISSOURI GROWN

CHRISTMAS TREES

Pea Ridge Forest

CHRISTMAS TREES

WREATHS

DECORATIONS

PINE CONES

LEROY & MARY ROOD
RTE 3 HERMANN, MO. 65041

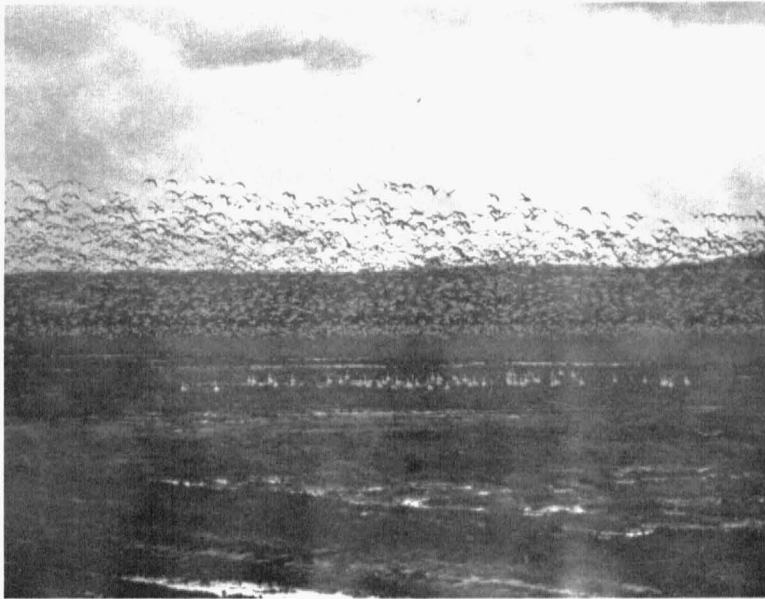
FIELD TRIPS

ROBERT S. CAMPBELL SERIES

At the first Robert S. Campbell lecture series, Dr. Milton W. Weller presented a talk entitled, "Waterbirds and Wetlands of the Alaskan Coastal Plain." Dr. Weller is a graduate of this university and worked under Dr. Campbell who retired from the university after 34 years of teaching.



SWAN LAKE OUTING



Last October members of the Wildlife Club traveled to Swan Lake National Wildlife Refuge near Mendon, Missouri, on one of the clubs yearly outings. Armed with cameras and binoculars, participants traveled throughout the refuge seeing thousands of Canada and Snow Geese, Pelicans, Coots, Pintails, and even a Bald Eagle. Paul Grey, a graduate of Fisheries and Wildlife in Columbia guided the group providing interesting information about the waterfowl, the wildlife refuge, and the research carried out there.

MESSAGES

Who's in the Klass? Lucinda!

Kevin I just wouldn't feel right! Dick

The beer is on me at the Pascoe Inn - Uncle Briggs

Say, I don't believe I know your name!! C.D.S.

Hose me down . . .

"It's a heartache, nothing but a heartache . . ."

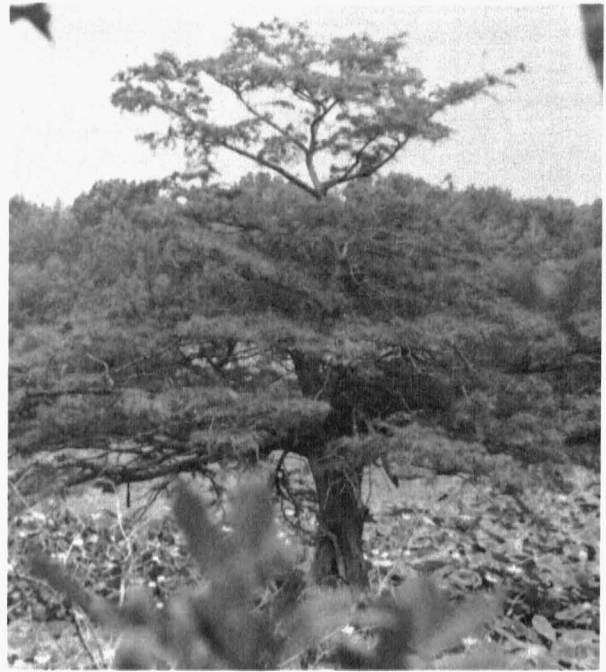
Don't blame us, blame it on the Aborigines!!

"Do not write so that you are understood, write so that you cannot be misunderstood." A.J.N.

MINGO SWAMP



"You dropped what?"



Excess baggage.

by Tim Marty

The Student Council and Xi Sigma Pi sponsored trip to Mingo provided an opportunity for viewing wildlife, for socializing with wildlife, and for experiencing wildlife.

The Saturday float through the swamp was an opportunity to see wildlife. Numerous species of birds were seen, along with deer, wild turkey, and beaver. We also stopped and toured a well hidden log cabin, vintage 1926.

The trip was an opportunity to socialize with wildlife, namely a group of ornithology students on a field trip. This encounter provided a forum for "research" and intellectual discussion.

Finally, the trip ended with a night of wildlife. Returning to the Duck In stimulated memories as well as enthusiasm. Beer, pool, and cards were all heartily enjoyed.

Tired and wet, the group returned to Columbia facing finals and papers but having thoroughly enjoyed the weekend.

WE ARE HAPPY TO BE A
SMALL PART OF YOUR
LIFE ONCE A
YEAR



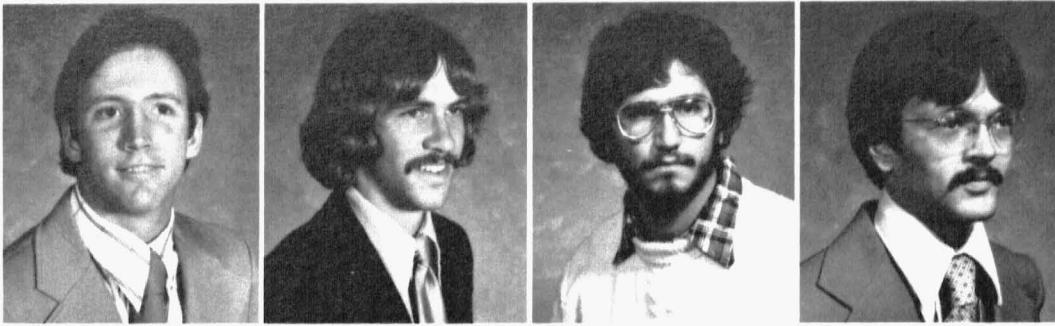
**Missouri Christmas Tree
Producers' Association**

Contact

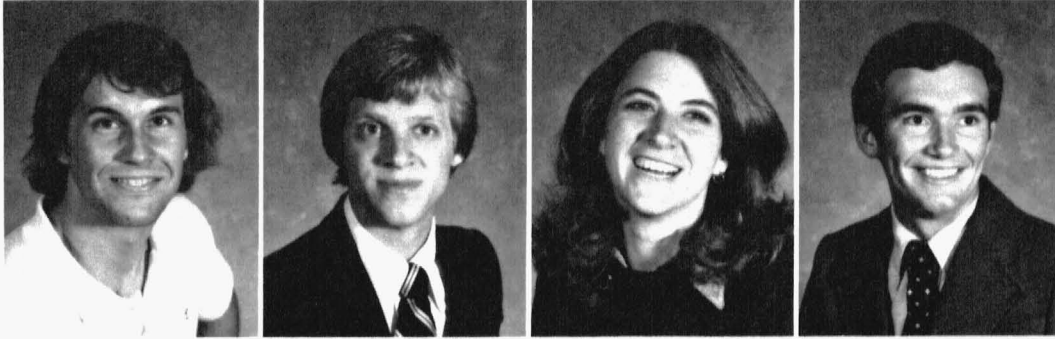
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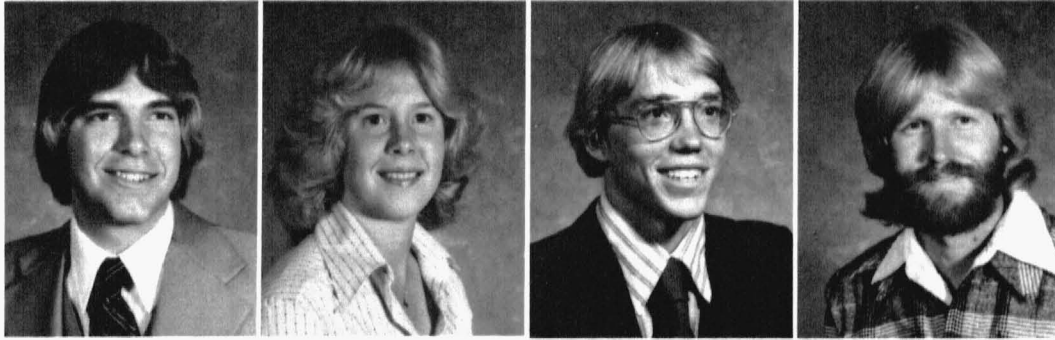
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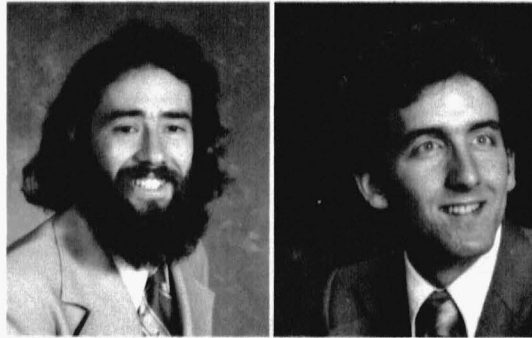
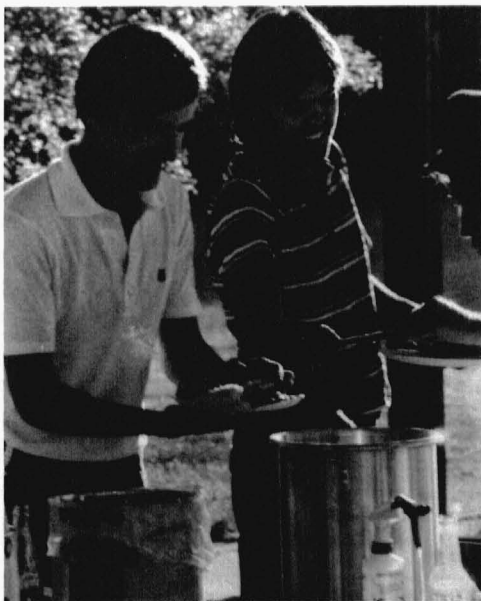
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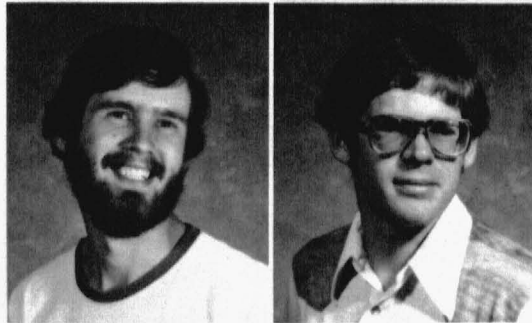
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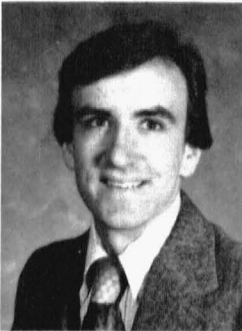
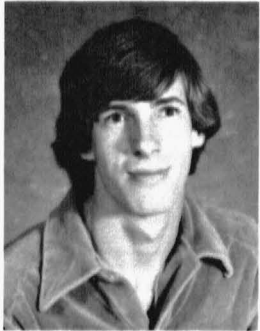
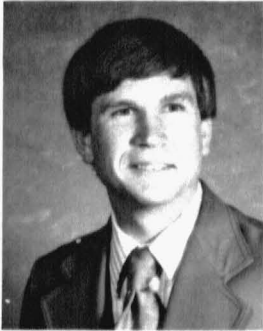
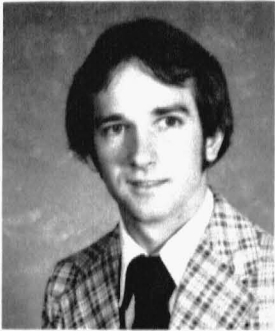
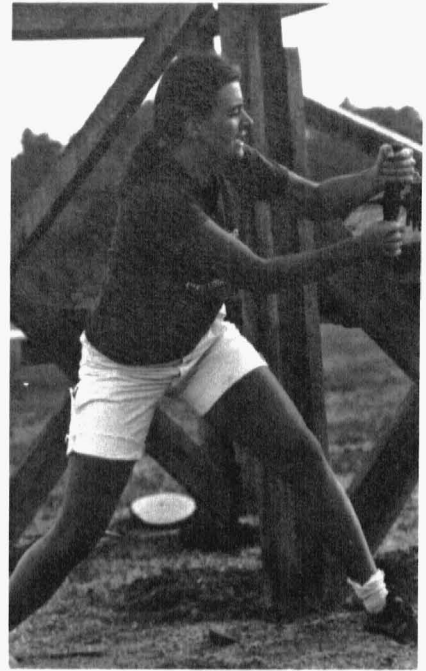
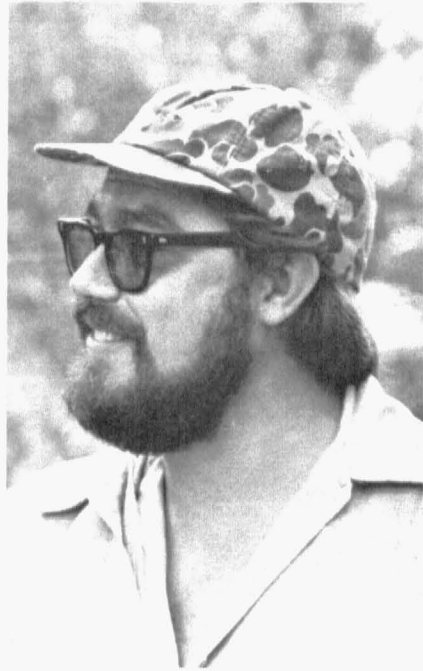
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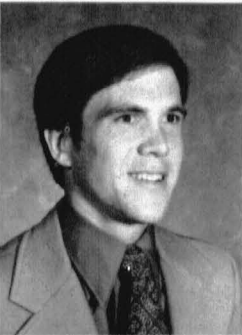
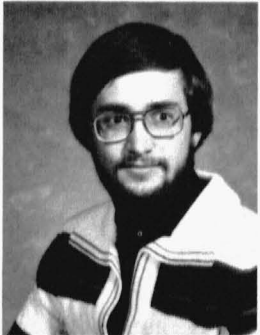
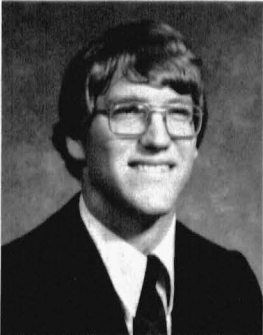
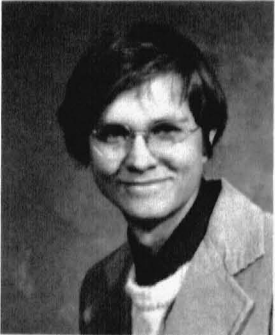
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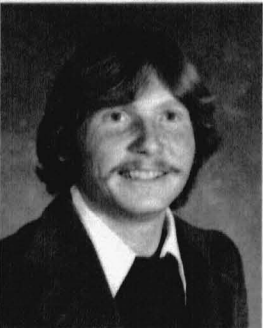
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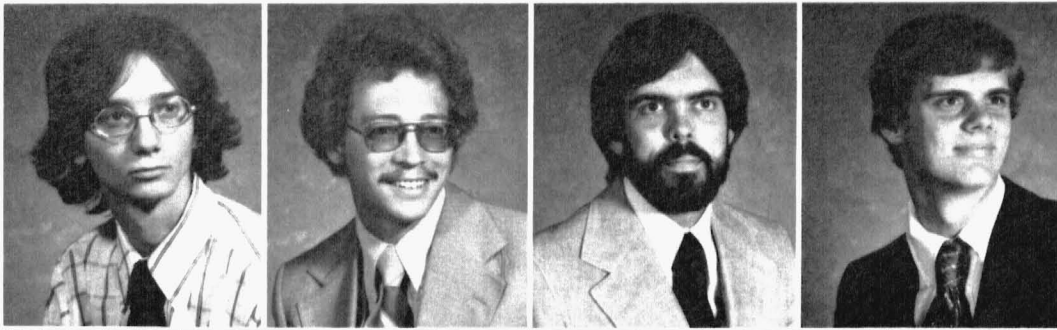
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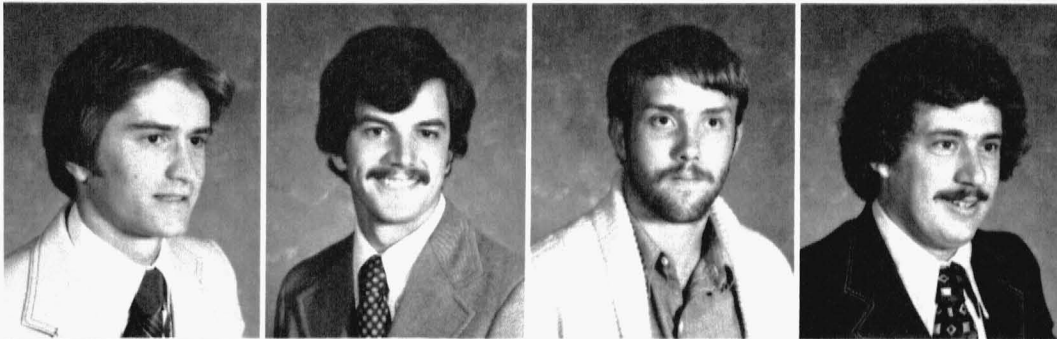
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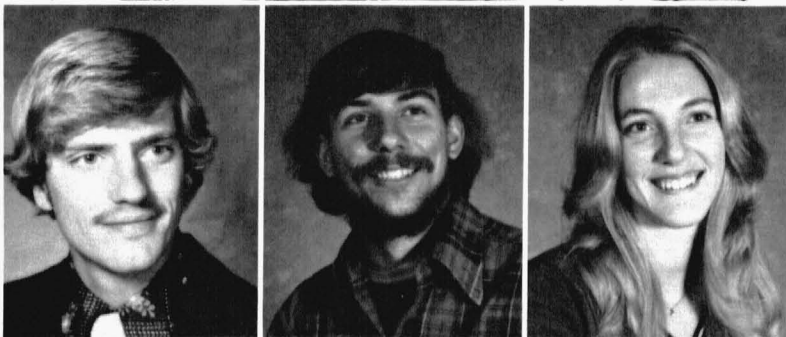
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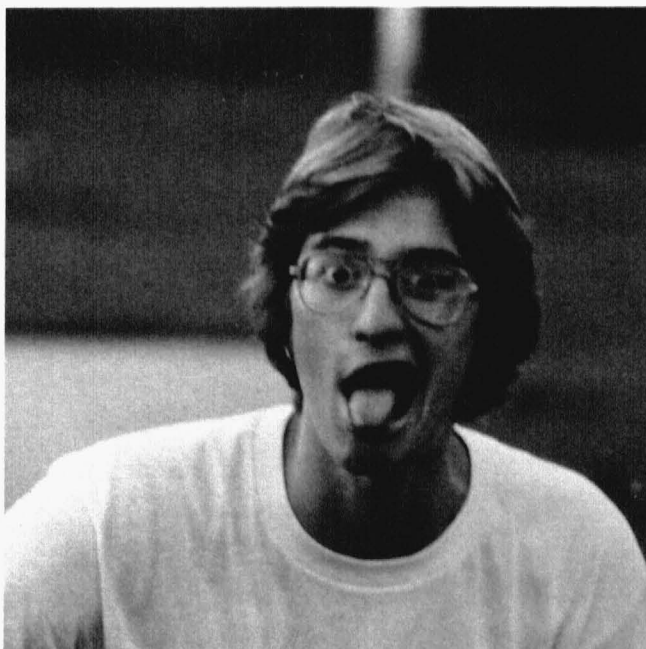
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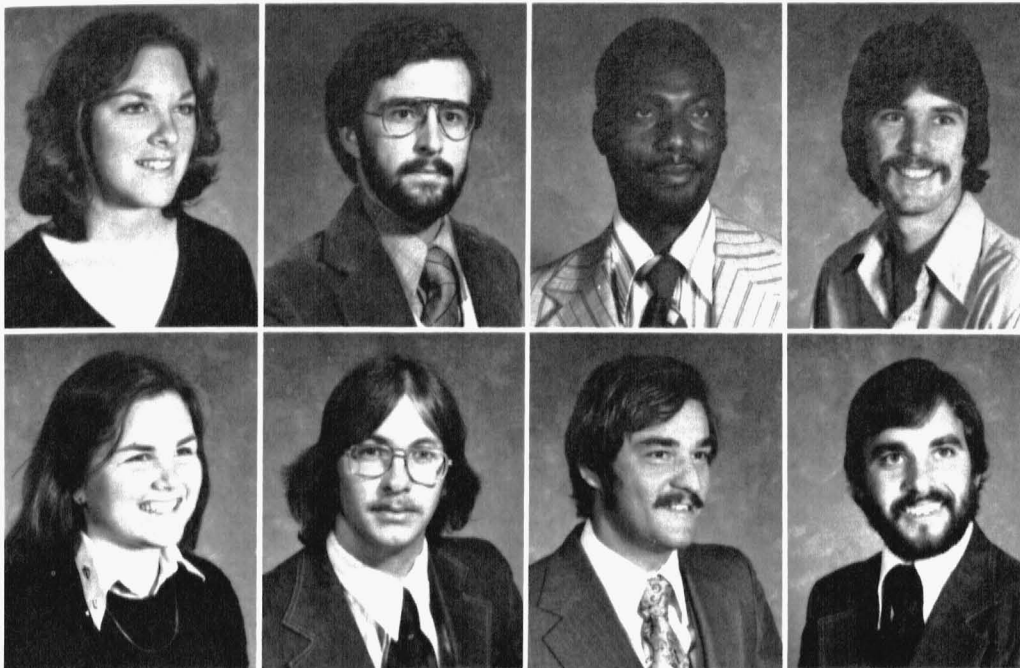


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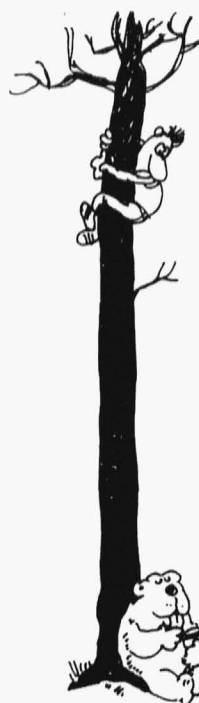
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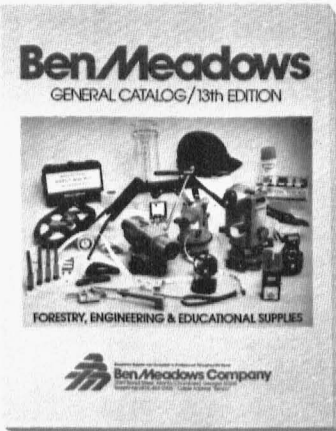
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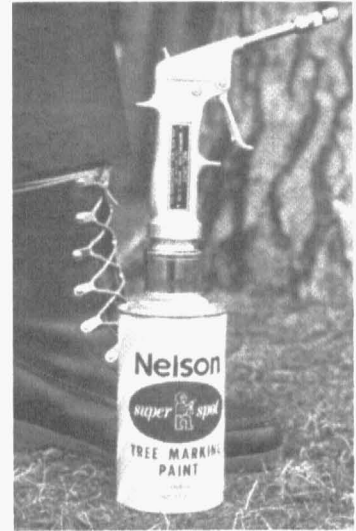
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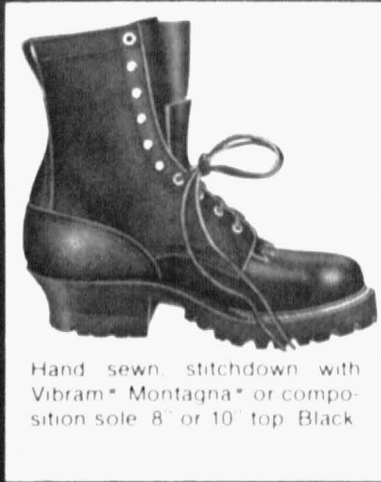
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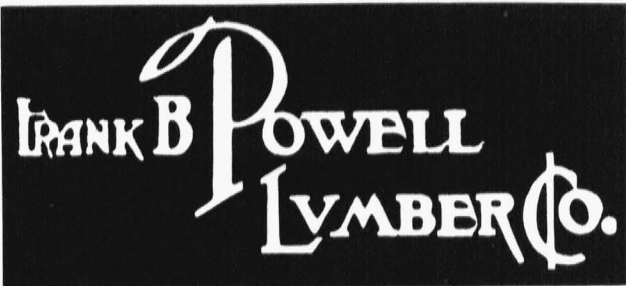


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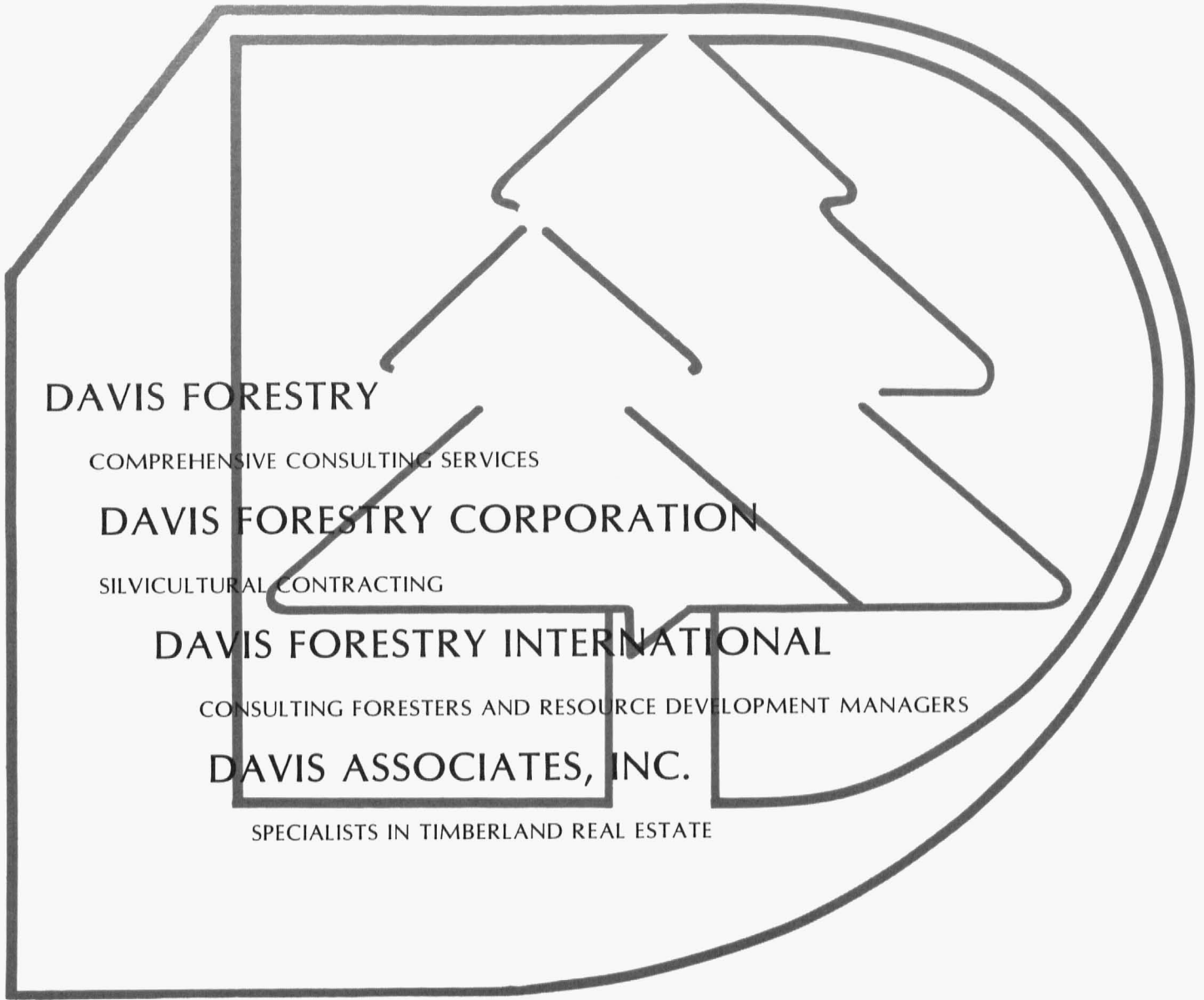
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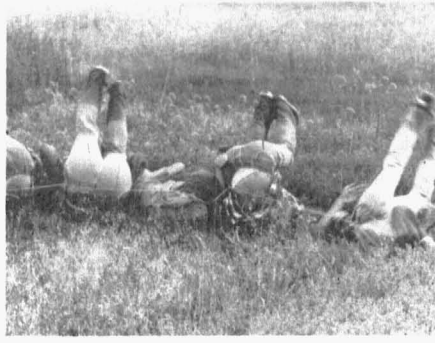
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And I thought Tuckfield was married!



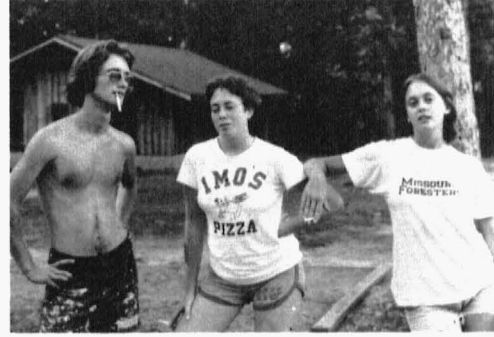
Bottoms Up



They danced till they dropped.



Blackberries, finger-lickin good



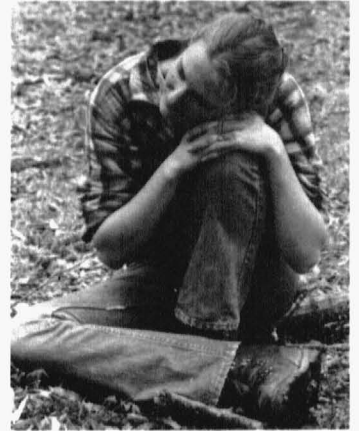
"We're cool"



"Can I have some more tobacco?"



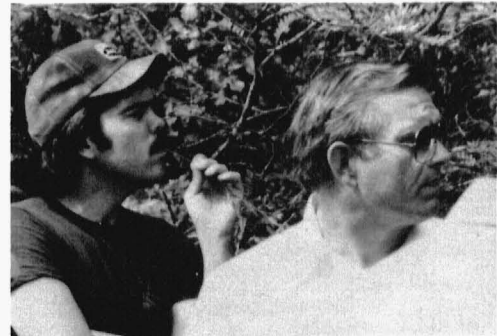
To the Pope!



I quit



One guy for every two girls



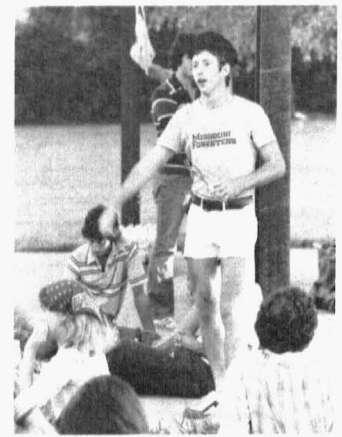
Like father, like son



Cutter counts the juice



"I only puked once"



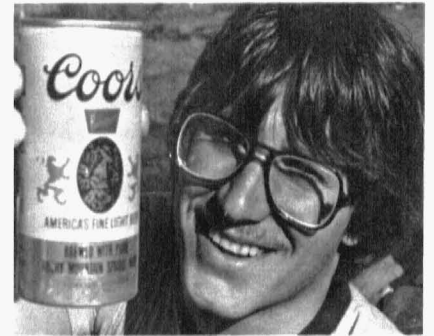
"Sit down and shut up!"



"We really pulled one over on him"



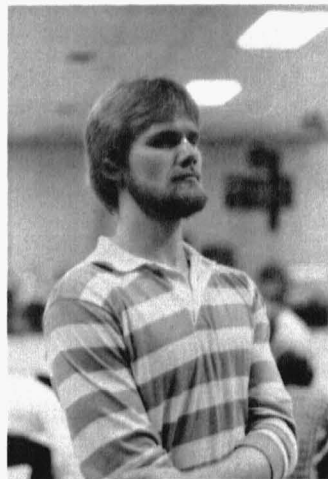
Doug Sharp reels it in



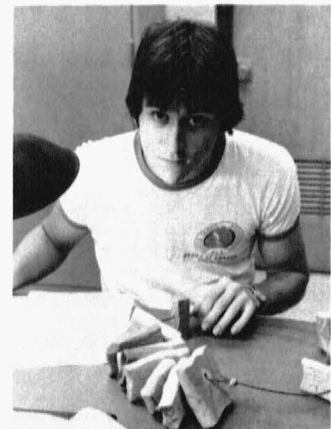
"I'd rather be in the mountains."



"He's my favorite honky"



What a helluva nice guy



"How am I supposed to build anything with these all wired together?"



Who stole the keg?



"Hot dang, this current is swift!"



"Bull" of the Woods

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