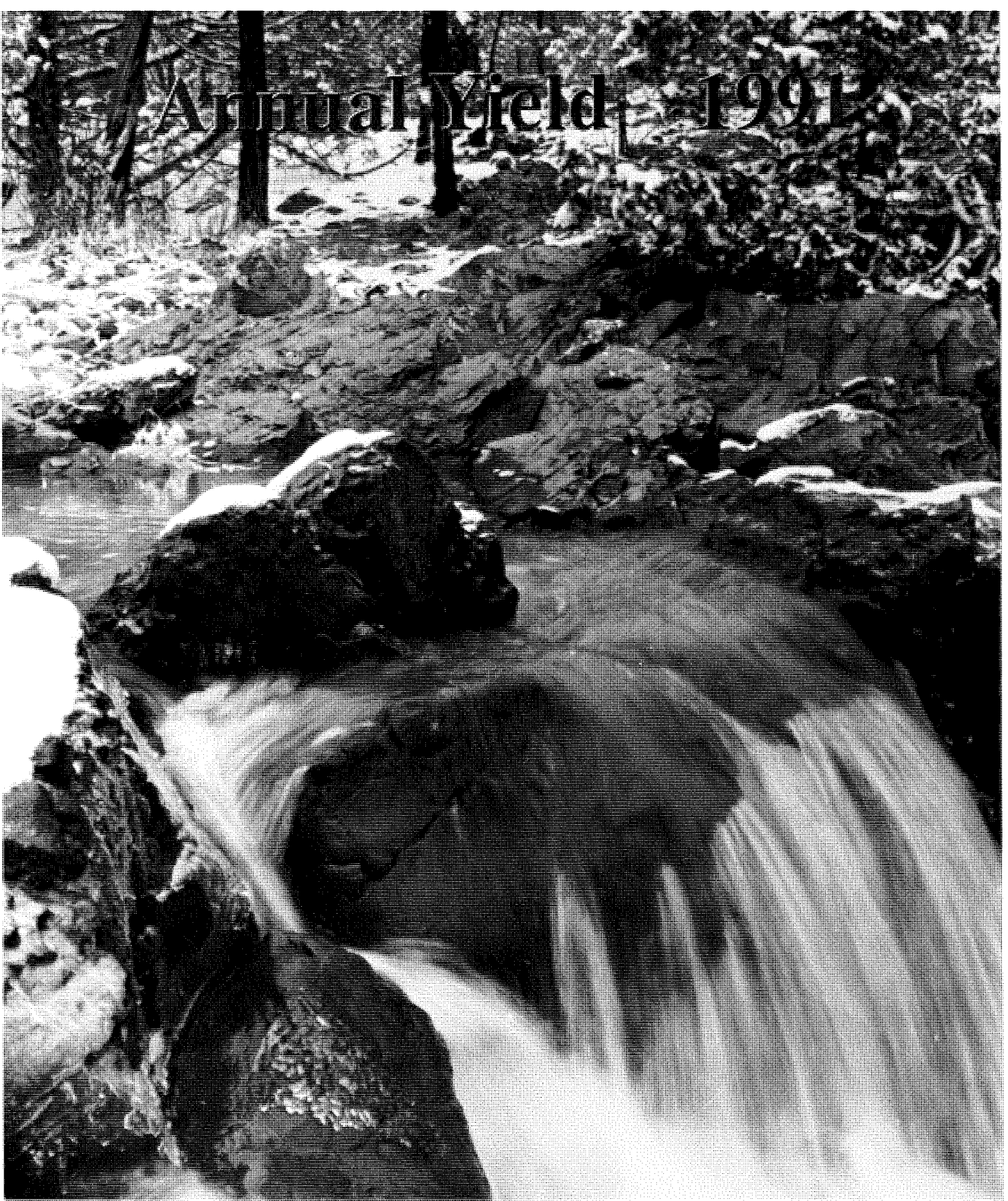


# Annual Yield 1991



**Northern Arizona University  
School of Forestry**



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 Flagstaff, Arizona 1991

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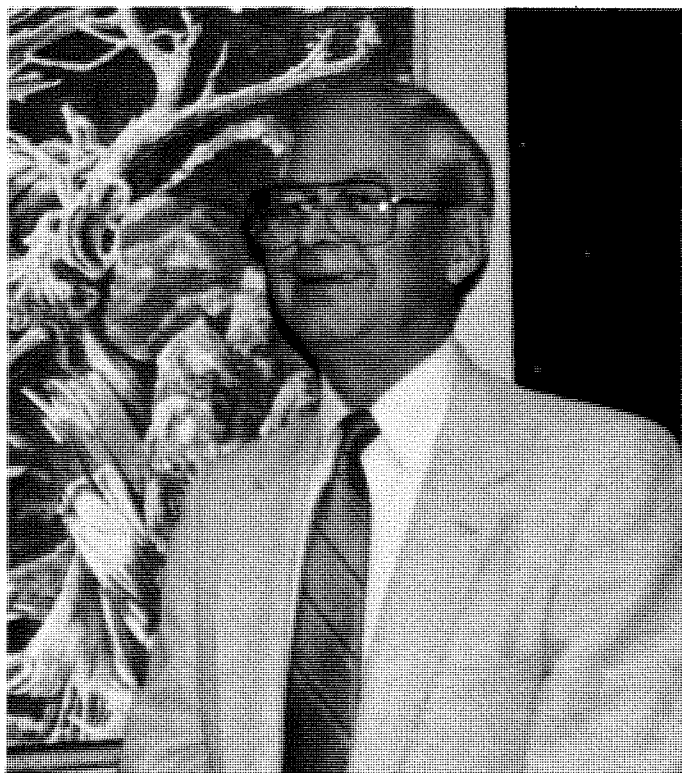
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Conclave Contributor... Jay Smith

# DEDICATION



**William A. Groman**

Our dedicatee for this year's Annual Yield is Dr. William A. Groman, the Coordinator of Academic Programs at the School of Forestry.

Born in rural Pennsylvania, Dr. Groman chose forestry because of his love of fly fishing; figuring out that fly fishing and forestry locations went hand-in-hand. To pursue his forestry intentions, Dr. Groman attended Pennsylvania State University and received his bachelors degree for Forest Science. He then went on to be a fire dispatcher, a smokejumper, a member of the Army's Counter Intelligence Corps and a timber management forester before attending Oregon State University for his masters and doctorate degrees. After finishing his schooling, Dr. Groman became the first forester

for the Environmental Protection Agency. During his one year employment with the EPA, Dr. Groman produced a publication studying forest fertilization in the U.S. This publication had world-wide impact.

In 1972, Dr. Groman came to Northern Arizona University to teach forest measurements. Currently, he teaches Forestry 202 and is one of the semester C instructors. Dr. Groman also spends a great deal of time with undergraduate advising, involving not only meeting with students to discuss their academic plans, but also processing the necessary paperwork, a timely task.

When asked what advice he would give to incoming forestry students, Dr. Groman encouraged them to actively investigate the forestry profession so they know it is what they really want to do. To those students who will be graduating this year, Dr. Groman reminds them that forestry is a continual learning process, emphasizing that within ten years "50% of the information learned in college will be obsolete". For all students, Dr. Groman encourages the honing of

---

**"50% of the information learned  
in college will be obsolete."**

---

communication and writing skills, for "someday you'll impress someone either positively or negatively" with these skills or lack of them.

What is in Dr. Groman's future? Well, "unless Northern Arizona experiences more March weather like this year", he will most likely stay in Flagstaff a while longer and try to get his hand back into more forestry through research, and, of course, he'll be fly fishing.

Thank you, Dr. Groman, for your dedication to the School of Forestry and its students.

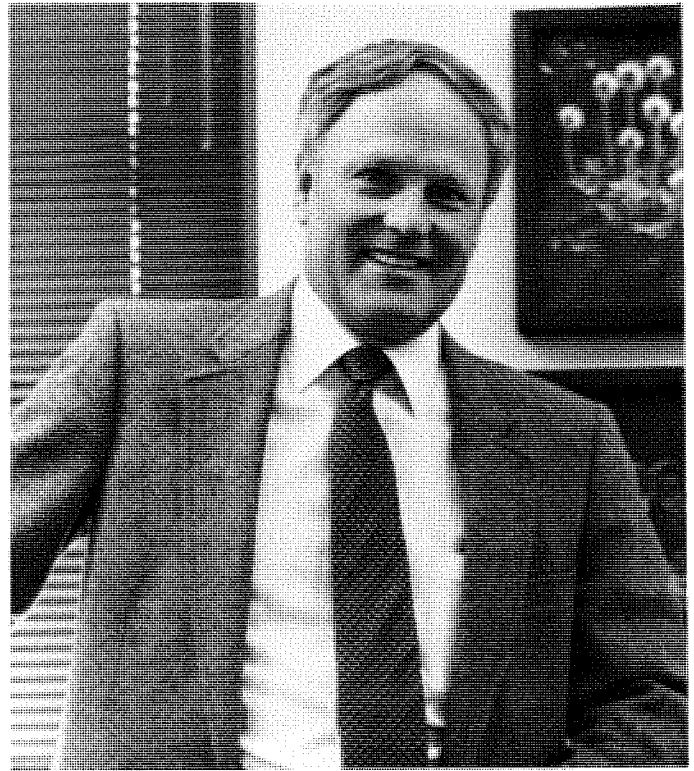
# MESSAGE FROM THE DEAN

Another year has slipped by us at the School of Forestry, but student efforts and activities have not gone unnoticed, especially your Forestry Club. They have been involved with both the community and the school.

The bulletin board put together by the Forestry Club class of 1980 still stands in the entrance to our building and is always covered with student activities and announcements.

If you haven't heard the news, we are building a new Forestry building. Today as I write this letter the President will open contractors' bids from across the nation. The new Southwest Forest Science Center at \$20 million will be the most expensive structure ever erected on the NAU campus.

I want all our alumni to know, and especially members of the NAU Forestry Club, that the new building will have a student lounge which will contain the records and memorabilia of the club. And in a prominent place in that lounge will be the Forestry Club bulletin board of the class of 1980 and all classes that have followed. At our building dedication, let's hope we can get some of those past club members to return and christen this bulletin board for 30 more years of service.



**David L. Garrett**



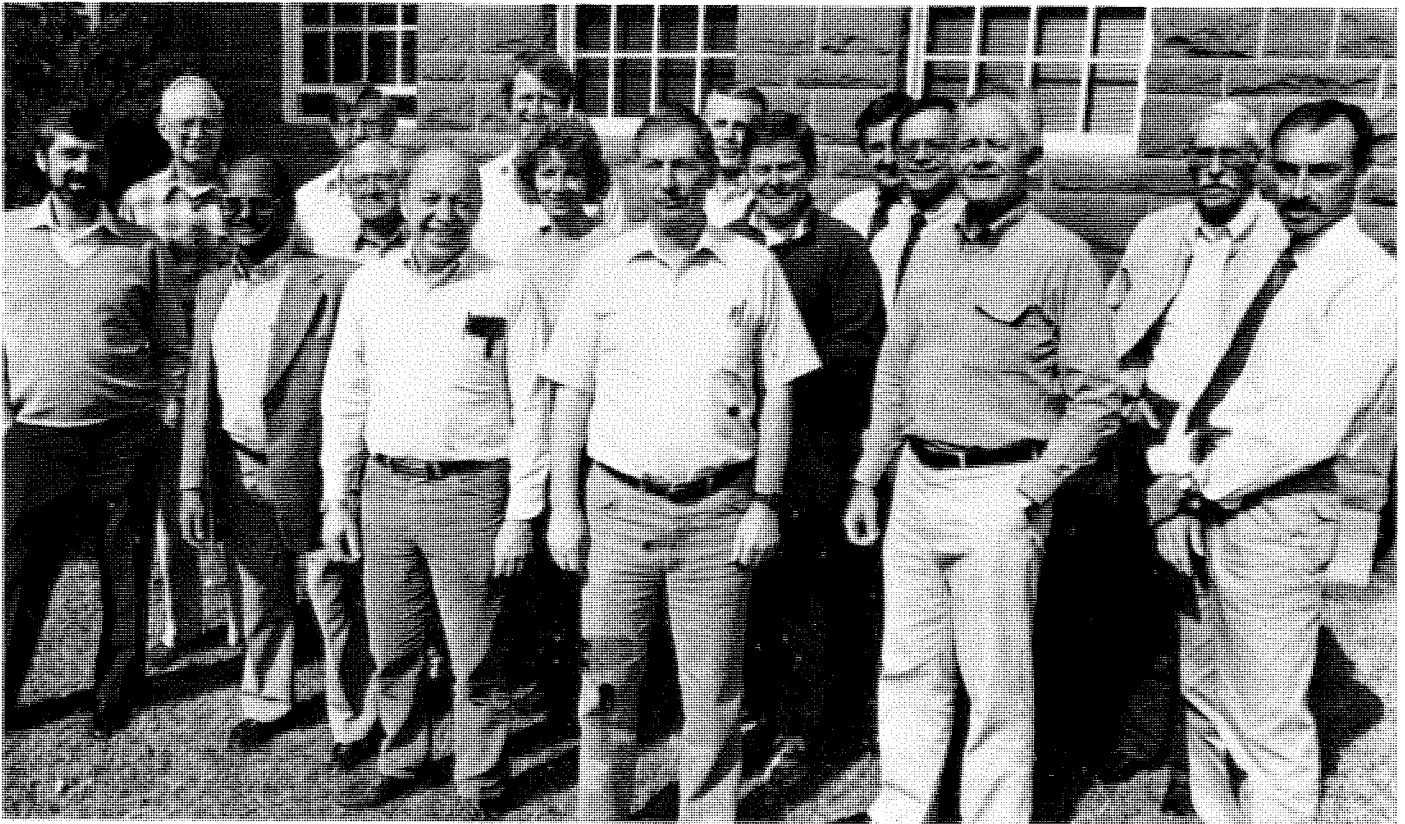
**Gisela McCormick**

## SPOTLIGHT

Gisela McCormick has been with the School of Forestry since 1962. She has assisted three Deans; Charles O. Minor, Richard W. Behan and now David L. Garrett. Mrs. "M" is working with a consultant to design the interior for the new Southwest Forest Science Complex. She also shares credit for the Forest Seasons brochure winning the Champion International Corporation's Certificate of Distinction for Outstanding Achievement for Graphic Arts.



# FACULTY



**Front Row:** **Merton T. Richards**, Associate Dean and Associate Professor of Forest Economics and Forest Recreation;  
**Aregai Teclé**, Assistant Professor Hydrology and Natural Resource Management;  
**Earnest A. Kurmes**, Professor of Silvics and Silviculture;  
**David R. Patton**, Professor of Wildlife Ecology;  
**D. Brent Wood**, Professor of Forest Economics and Forest Management; and  
**Bruce E. Fox**, Assistant Professor of Forest Policy, Multiresource Forest Management and Forest Economics.

**Middle Row:** **William A. Groman**, Coordinator of Academic Programs and Associate Professor of Forest Measurements;  
**Donald E. Wommack**, Professor Dendrology, Logging, Aerial Photo Interpretation and Forest Genetics;  
**Martha E. Lee**, Assistant Professor Natural Resource Recreation;  
**Richard W. Behan**, Professor of Resource Policy;  
**Robert E. Larson**, Associate Professor of Wood Technology and Wood Utilization; and  
**Bill Holmes**, Facilities and Equipment Maintenance and Lecturer Resource Management.

**Back Row:** **Ronald L. Trosper**, Director of Native American Forestry Program and Associate Professor of Forest Economics;  
**W. Wallace Covington**, Professor of Forest Ecology, Applied Modeling and Fire Management; and  
**John Paul McTague**, Assistant Professor of Tree Improvement and Growth and Yield Studies.

**Not Pictured:** **Charles C. Avery**, Professor of Forest Hydrology, Watershed Management and Environmental Conservation;  
**David C. Garrett**, Dean and Professor of Multiresource Management and Forest Economics;  
**Charles C. Grier**, Professor of Forest Ecology, Forest Soils and Forest Ecosystems;  
**Margaret Moore**, Professor of Forest Ecology, Forest and Range Ecology, Range Management,  
Aerial Photo Interpretation/Remote Sensing and Geographical Information Systems; and  
**Michael R. Wagner**, Associate Professor of Forest Entomology and Forest Pathology.

# WELCOME



**Martha "Marty" E. Lee**

B.S. 1975	Utah State University Outdoor Recreation
M.S. 1982	Oregon State University Forest Management/Recreation
Ph.D. 1991	Oregon State University Forest Recreation

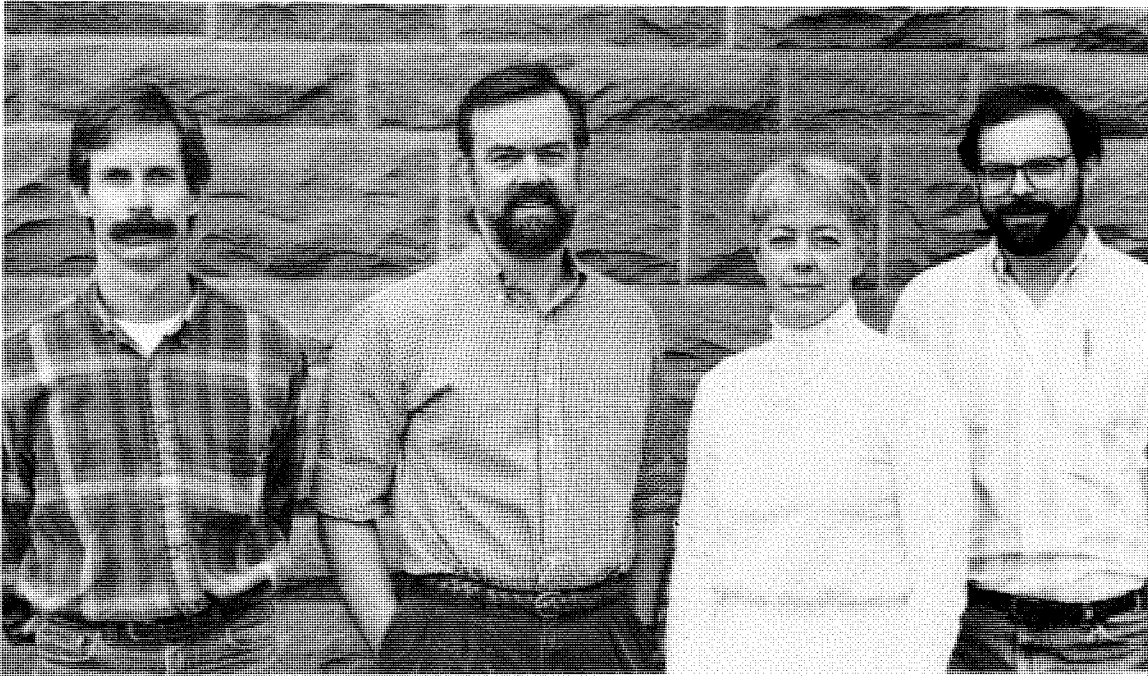
The School of Forestry is happy to welcome Marty Lee to the faculty this year as an assistant professor in Natural-Resource Recreation. Marty has come to us from Oregon State University, where she recently finished her doctoral work. Her research interests include recreation behavior and visitor perceptions, as well as surveying techniques for outdoor recreation.

Married in October of 1990, Marty and her husband, Denver, enjoy fly fishing and tying. Asked if she likes Flagstaff, Marty says she enjoys the winters and the opportunity to learn about the Native American cultures in the area.

"Ye who would pass by and raise your hand against me,  
harken ere you harm me.  
I am the heat of your hearth on the cold winter nights;  
the friendly shade screening you from the summer sun;  
and my fruits are refreshing draughts quenching your throat as you journey on.  
I am the beam that holds your hourse, the board of your table,  
the bed on which you lie,  
and the timber that builds your boat.  
I am the handle of your hoe, the door of your homestead,  
the wood of your cradle,  
and the shell of your coffin.  
I am the gift of God and the friend of man."

-Anonymous

# STAFF



**Bill Stansfield, Research Assistant II; Steven W. Andariese, Research Assistant III; Pat Hall, Research Assistant III; and Steve Dewhurst, Research Assistant.**



**Randy Roberts, Program Coordinator I; Mary Hines, Secretary III; Inez Light, Secretary II; Charles Bullington, Program Coordinator I**

# STUDENT STAFF



Front Row: Pam Barber and Amber McCoy

Middle Row: Glenna Lange, Michele McLuen and Chris Hart

Last Row: Gabe Partido, Doug Covey and Steve Whittemore





# GRADUATE STUDENTS 1991



**First Row:** Shuhartono, Gerry Sauer, Shawn Bensey, Gerardo Perez-Guevara.  
**Second Row:** Sue Schuhardt, Ting Hwee Yow, Bill Horswill, Lisa Haynes, Guillermo Sanchez-Martinez.  
**Third Row:** Johnathan Martin, Arthur Reinelt, Pedro Moran-Palma, Joel McMillin.  
**Not Pictured:** Peg Abbott, Zoran Antonijevic, Mohamadou Aw, Margaret Bailey, Jarrett Barber, Cecelia Dargan, Peter Gordon, Kristina Holmberg, Molly Hysell and Zheng Lan.



**Front Row:** John Scruggs, Jilaire Bojonell, Theresa Hoff, Gerardo Perez-Guevara, API Student, Gerald Monela.  
**Second Row:** Pedro Moran-Palma, June Douglas, John Batzer, Kristin Buege.  
**Third Row:** Gorman Yazzie, Brett Borup, Paul Baird, Abdallah Kaoneka, Tod Ericson, John Brown.  
**Not Pictured:** Frank Lenning Cheryl Mollohan, Pam Raskob, Bill Reading, Jacob Schlapfer, Richard Stahn, Marguerite Swift, Robert Whitehead, and Zhao-yi Zhang

# P.U.R.E.



With the number of environmental groups in Northern Arizona increasing, a group of local forest professionals has formed in an attempt to equalize the representation of the wood products industry. This group is the Professionals United for a Resourceful Environment or the PURE Coalition.

PURE was founded in February of 1990. One of the primary goals of the Coalition is to help educate the public on the needs of America's forests. Two other equally important concerns of PURE are the health of the environment and the wise use of non-timber resources.

According to Dennis Kingsbury, president of PURE, the forest and wood products industry professionals are concerned more about the nation's forests than the general American public. This is because the forest is their livelihood. Being in the wood products industry, these professionals' primary concern is the timber resource which provides material for more than 5000 products used by Americans today.

Because of our nation's continuous demand for the timber resource, Kingsbury is concerned about how slow the National Forest timber sale process has become. "It takes a lot longer to approve timber sales than it used to," he said. "This has caused an economic slow down in an industry that provides, literally, millions of families with homes and jobs," he added. Another problem with

the slowing timber sale process, "is that fire and disease killed trees become unsalvageable. This is because wood destroying insects have time to eat their fill before a salvage sale is approved. Consequently, by the time the sale is approved, the wood is unusable," he said.

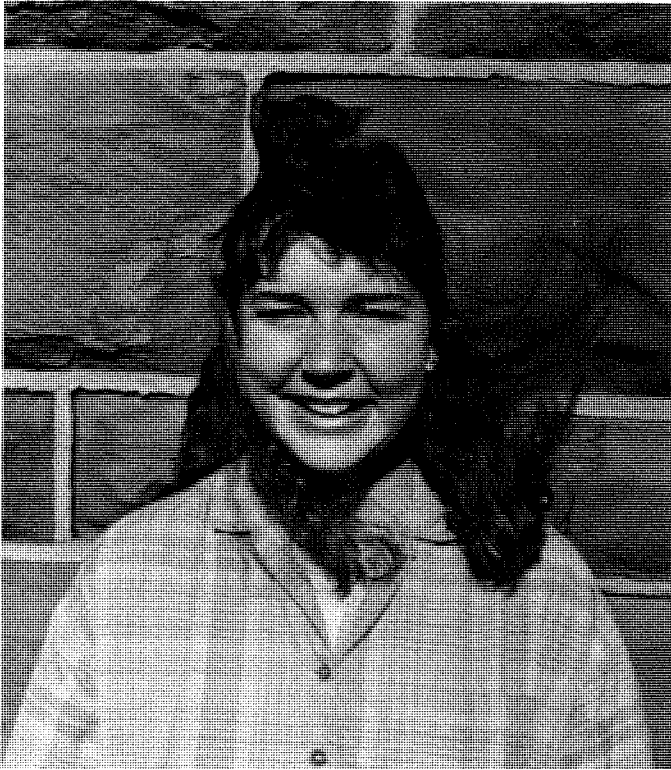
According to Kingsbury, the natural mortality of trees on the Coconino National Forest is further increased by the drought Northern Arizona has been experiencing and the lack of attention given to the large areas of forest recently removed from active management. Kingsbury said this plan is "wasteful". "We should be cutting and using these trees before they die," he added.

Kingsbury believes that much of the awkwardness of the present situation is a result of poor communications. He believes that the wood products industry needs to communicate better with the American public. It is for this reason PURE was formed; the help enlighten Americans about the health needs of their forests.

Currently, PURE has about fifty members. Being just over a year old, PURE is still in its infant stage. Kingsbury is anxious to see PURE grow in numbers and to be voice for the wood products industry to the public.

For more information on PURE, write to Professionals United for a Resourceful Environment, P.O. Box 22094, Flagstaff, AZ 86002-2094.

# PRESIDENT'S MESSAGE



Lena Tucker

With the help of a lot of energetic and devoted students, the Forestry Club has carried out old traditions and established some new ones this year. Our traditional activities included: the fall semester kick-off party, t-shirt sales, the Christmas party and Arbor Day tree planting. We also expanded our woodcutting project to include Xi Sigma Pi. Together we cut and donated seven cords of firewood to needy people in the community. We also sold seven additional cords to faculty members.

In our attempt at new traditions, we created a float for the Homecoming Parade. Although our float broke down in the middle of the parade, we accomplished something that hasn't been done by the forestry school since

the late 1970's. I challenge next year's club members to build an even bigger and better float!

Last year's wildland fire fighting training course with the Coconino National Forest was a success. Some of our "Hotshots" even went on a fire in October and received excellent comments from the Forest Service. The high interest prompted us to hold the training session again this year.

Once again, our logging team attended the conclave which was held at Colorado State. This tradition promises to be repeated year after year.

We had many guest speakers from the Peaks Ranger District this year. We also had an alumni, Cliff Liedtke, come all the way from Oregon to interview students for summer and permanent jobs with the Oregon Department of Forestry.

---

**"I challenge next year's members  
to build an even bigger and  
better float!"**

---

Overall, it has been an exciting and productive year. I wish next year's Executive Council good luck and I hope that the club will continue to expand and carry on the old traditions as well as establishing some new ones.

Many thanks to our advisor, Bill Holmes, for putting up with all of us. The support we received from Dr. Richards was also appreciated. Special thanks to the Executive Council. This year's achievements could not have been accomplished without all of you.

Lena Tucker

# SENIORS



Bill Astor



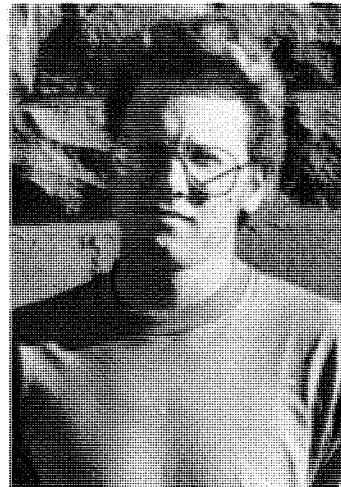
Michele Bisbee



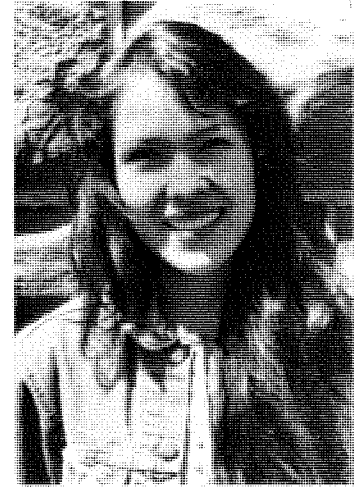
Brad Bolton



Joe Bouley



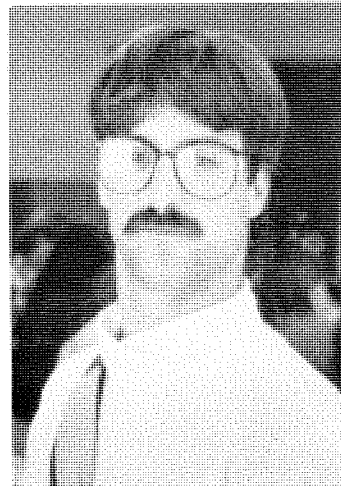
Russ Cruff



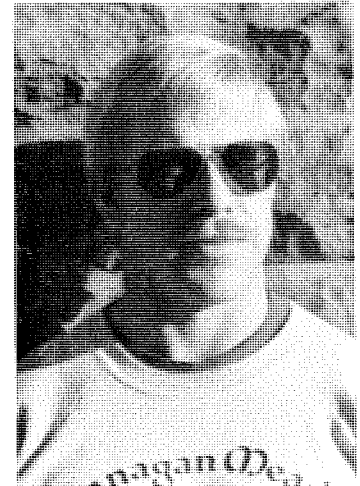
Alicia DeValentino



Jim Downey



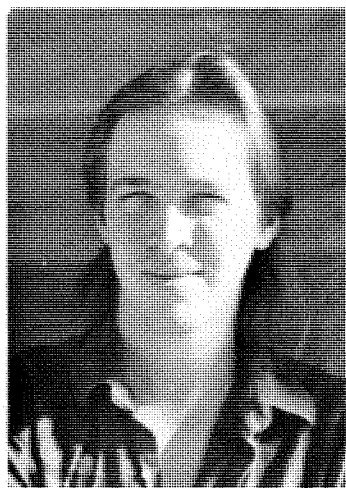
Steve Emershy



Mark Faughn



# SENIORS



John Gemmill



Todd Haines



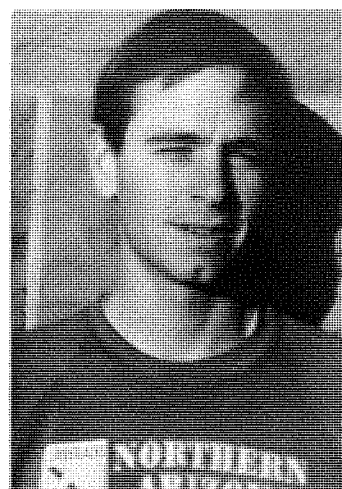
Cindy Harger



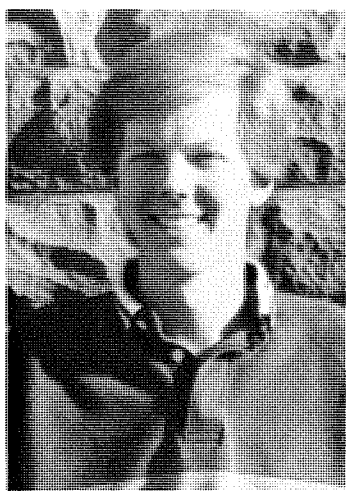
Chris Hart

"I never met  
a beer I  
didn't like"

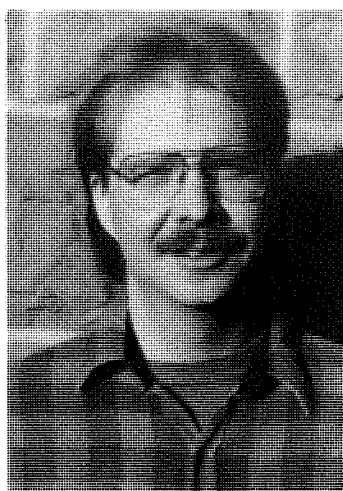
Brad Bolton



Jim Jauregui



Rick Kasitz



Jeff Leonard



Kathy McManus

# SENIORS



Bob Mergell



Victim of Semester C



Lann Moore



Larry Morrison

"It's tough  
to be a cow  
in the West"

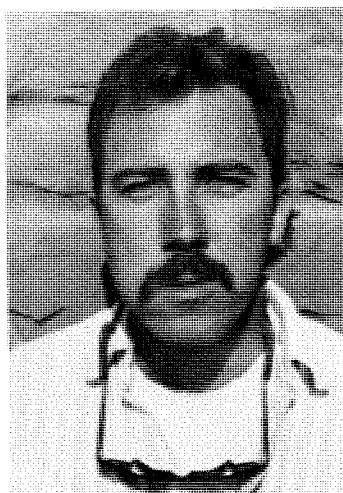
Dr. Behan



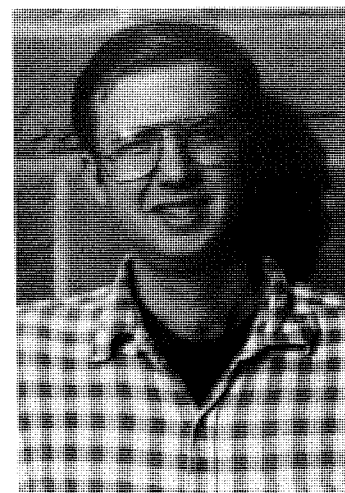
Norma Ordenez



Brian Poturalski

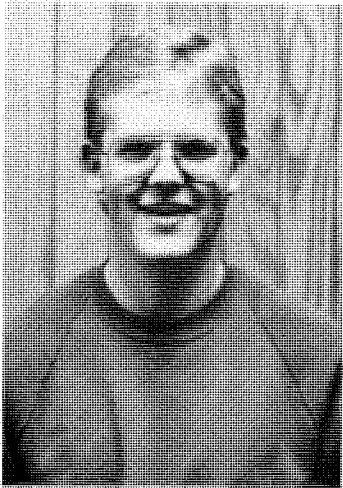


Nik Ranta

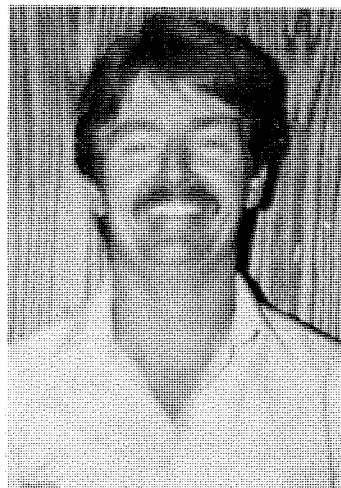


Don Schlagel

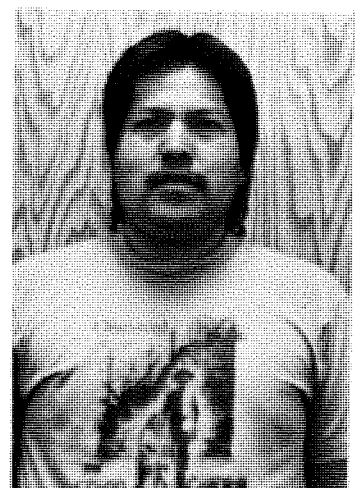
# JUNIORS



Greg Anderson



Charles Berube



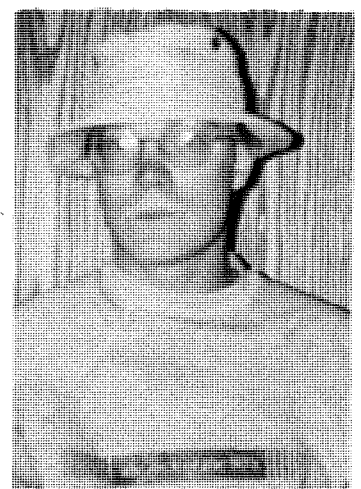
Keith Burnette



Ed Cullen



Angie Elam



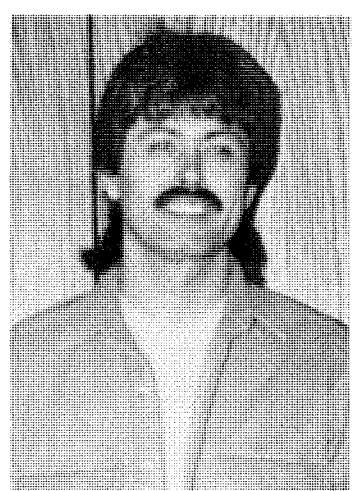
Brad Eldridge



Keith Gustafson



Debbie Hall



Will Hatcher

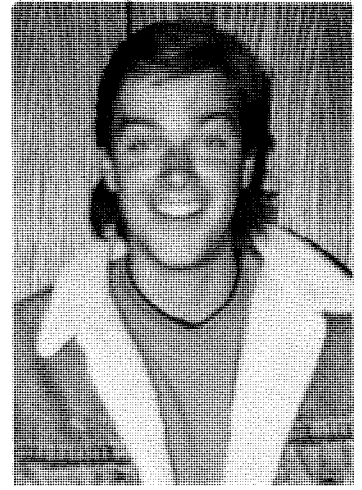
# JUNIORS



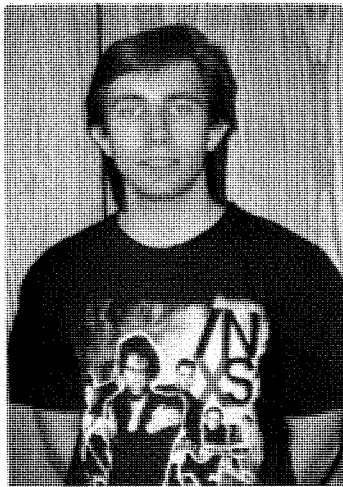
Holly Jacobson



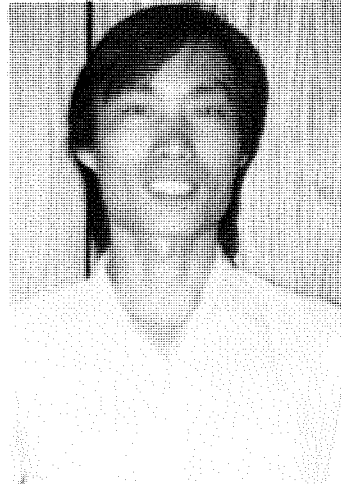
Matt Jimenez



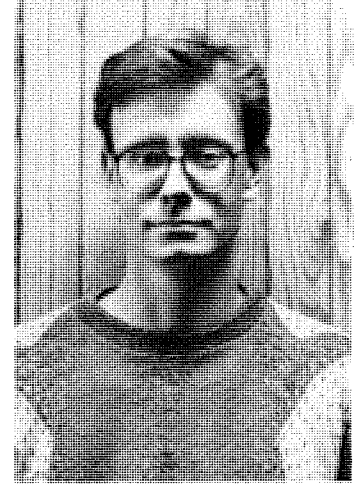
Steve Kincaid



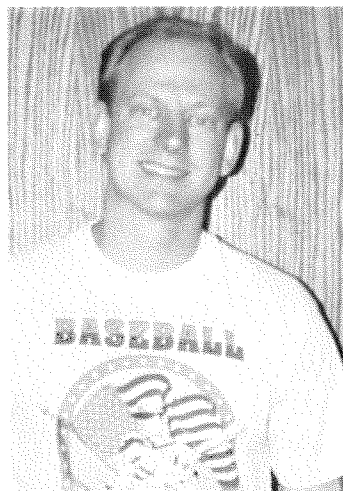
Doug Kokesh



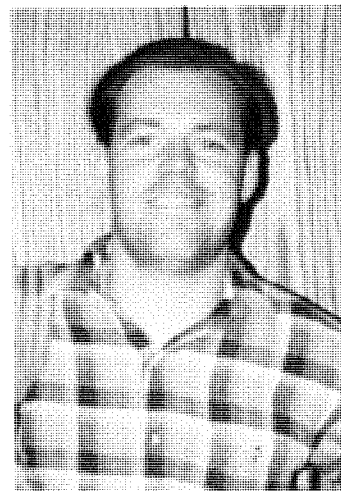
Joannes Lojiu



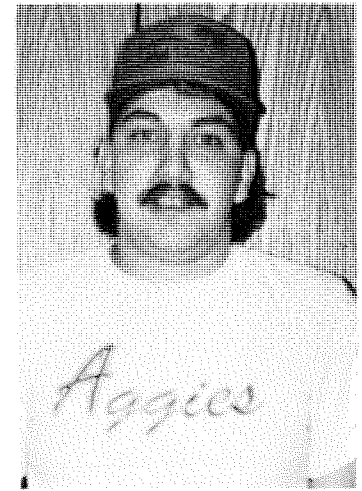
Tim McMahon



Michael Miller



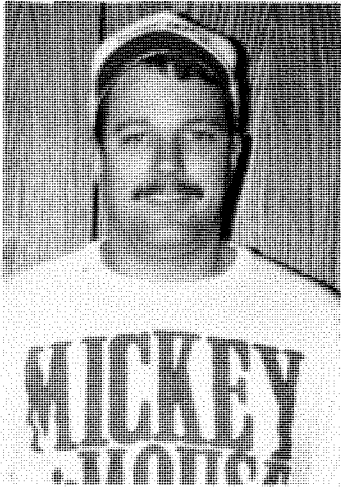
Robert Moore



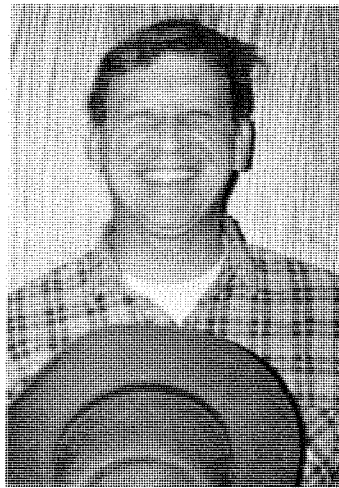
Gabe Partido



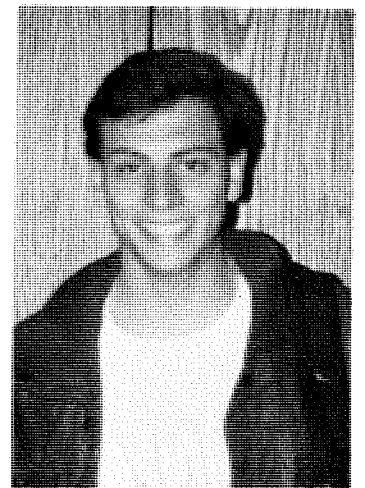
# JUNIORS



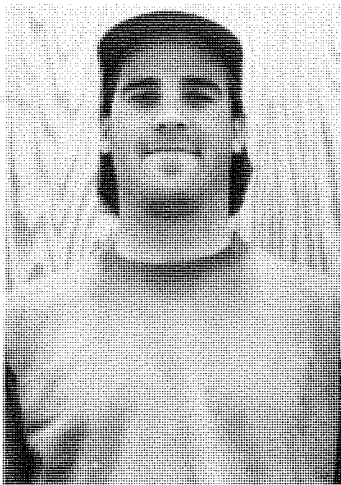
Scott Perkins



Cliff Reid



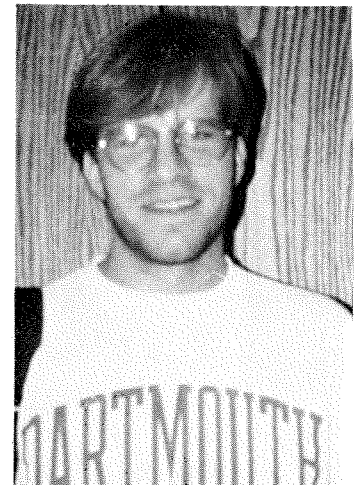
Mark Seidel



Ron Simpson



Janet Slingerland



John Stallings



Lena Tucker



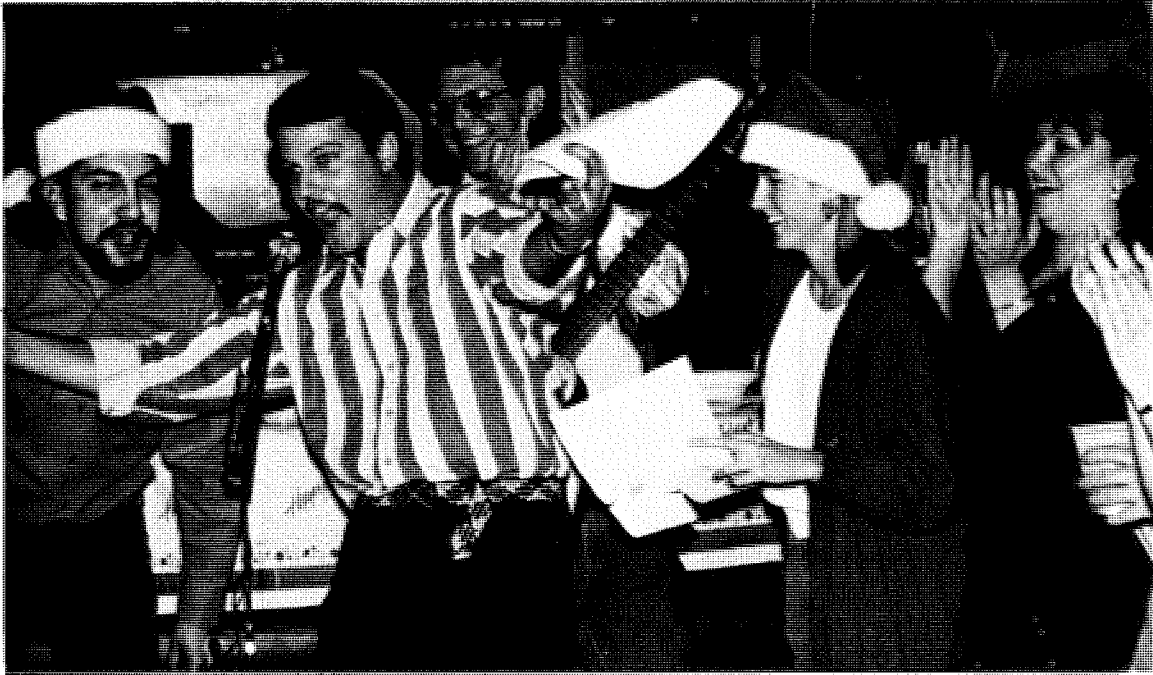
Barbara Voth



Victoria Wesley

# JUNIORS

Not Pictured: Jerry Haan  
Mike Tucker



Gabe and Scott sing to a bunch of forestry groupies

- Song to the tune of "The Battle of New Orleans"

In 1990, we took a little trip,  
Along with Margaret Moore and Chuck to see a little  
ditch,  
We took a little bacon and we bought alot of beer,  
And Sparky burned the canyon down the same freakin'  
year.

Chorus:

Well, the fuel hit the fire and it began a burnin',  
There's alot more fire than there was awhile  
ago,  
The fire burned the grass and it began a  
runnin',  
Sirhan tried to catch it but it only burned his  
coat.

Well it ran through the campground and it ran  
through a gulley,  
And it ran through some places where the class  
wouldn't go,  
It ran so fast that we couldn't even catch it,  
So we had another beer and we let the fire go.

Well, the Gooster said we could take it by surprise,  
If we only had our NOMEX we could dig a little line,

While this was going on half the class began to fight,  
It would have been okay if they'd only done it right,  
We knew something was wrong when the rubber began  
to smell,  
And Sirhan came along and he really gave it hell.

Chorus

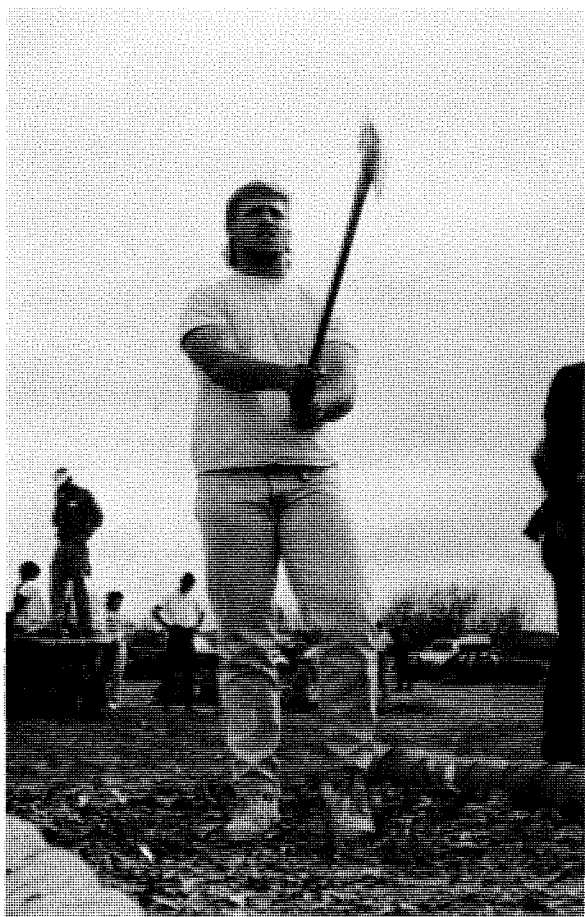
About that time, the fire started to go out,  
And this is when we heard ol' Sparky really start to  
shout,  
His arm and hand were red and his face was petrified,  
And if you would'a just'a seen him you'da thought that  
he'da died.

Chorus

About that time, ol' Margaret came along,  
And she wanted to know what the hell was going on,  
We started to explain ourselves and Grier came along,  
He laughed so stinkin' hard that we had to write this  
song.

Chorus

# 1991 CONCLAVE TEAM SHOWS GREAT



Brett competes in the ax throw.



The 1991 Conclave Team



No, you do it this way.

1991 marked the second year of competition for the NAU logging team. The team went to the A.W.F.C. Conclave held at Colorado State University in Fort Collins, where they faced seven other Western schools, including Humboldt State, Colorado State, Cal Poly, and the 1991 overall winner, Flathead Community College.

The NAU team members were Sophmores Mike Behrens, Stacy Grassl, Brett Jones, Nikki Maryott, Jennifer Randall, Jay Smith, and Franklin Thomas. Frank and Jennifer were the highest scorers taking first in the Jack-and-Jill pulp toss, a sort of horseshoes played with logs. Other Conclave events included the hard hit (bucking with an ax), power buck, caber toss, ax throw, and choker race, as well as one-man, two-man, and Jack-and-Jill crosscuts. Mike also did very well, placing second in the dendrology competition. NAU placed sixth overall out of the eight teams.

# PROMISE IN FORT COLLINS



I thought they said this was the javelin throw!

There was more than just competition at the Conclave. Our team arrived too late to take part, but there was a ski trip and a tour of the Anheuser-Busch brewery. On Saturday, after the competition, there was an awards banquet for all the teams.

The 1990 Conclave at Humboldt State in Arcata, California was the first conclave NAU attended in recent memory. The 1990 team didn't win anything, but they went whale-watching, visited the redwoods and broke a trail for teams to come.

The 1992 A.W.F.C. Conclave will be at Cal Poly next April. Jay Smith, the 1991 captain, wants freshmen and sophomores to join the team. The team needs people, and lower classmen typically have the most time.

For next year, the team is working to get logging approved as a school sport. They need a practice area on campus, and they're trying to find a way to satisfy insurance requirements. If Student Services approves the practice plan and area, the team can get support like vans and equipment from the school.

Flathead Community College, the 1991 champion, has only one sport — logging. Consequently, Flathead gets a lot more practice than NAU. For 1992, the NAU logging team wants to get going early. We want to give Flathead a run for its money.



It's all a matter of balance.



# SOPHOMORES



First Row: Terry Fix, Glenna Lange, Frances Harris, Jennifer Randall,  
Nicole Marryott, Charles Kimbrough, Marnie Rand

Second Row: Stephen Wyatt, Stacie Grassl, Steven Drake, Florence Frederick,  
Brian Rikard, Dwight Scarbrough, Charles Anderson

Third Row: Brett Jones, Michael Behrans, Brad Gentner, Jay Smith, Michael Huff,  
Victor Morfin, Mark Beste, Ronald Zilli, Joseph Currie

# FRESHMEN



First Row: Tamara Boadt, Florence Frederick, Brad Dupke, David Kirgan,  
JaimieHutt, Brooke Hazen

Second Row: Vince McNeil, Leslie Denton, Debra Mollet, Chris Myers, Kim French,  
James Riser, Brenda Bush, Mark McKechnie

Third Row: Sheila Howard, Rupert Steele, John Veeder, Gene Elms, Michael Huff,  
Ben Howell, John Roberds, Javier Diaz, John O'Brian, Steven Wood,  
Chris Giels, Michael Dries

# SOCIETY OF AMERICAN FORESTERS



**Robin Pacheco**

The Society of American Foresters is a national organization representing all segments of professional forestry in the United States, private practitioners, researchers, administrators, educators and students alike.

This year, the NAU student chapter sent two students, Jay Smith and myself to the fall meeting in Phoenix. The discussion was on riparian activities. There were people from all over the region including representatives from the Nature Conservancy, Sierra Club, Bureau of Land Management and many other environmental related agencies.

In April, the spring meeting is taking place in the Grand Canyon. It should be a fun filled weekend with plenty of topics to talk about.

Well, it's been a great two years for me as your SAF student chapter chairman but it's time to turn the responsibilities over to your new chairman, Gabe Partido. Good luck, Gabe!

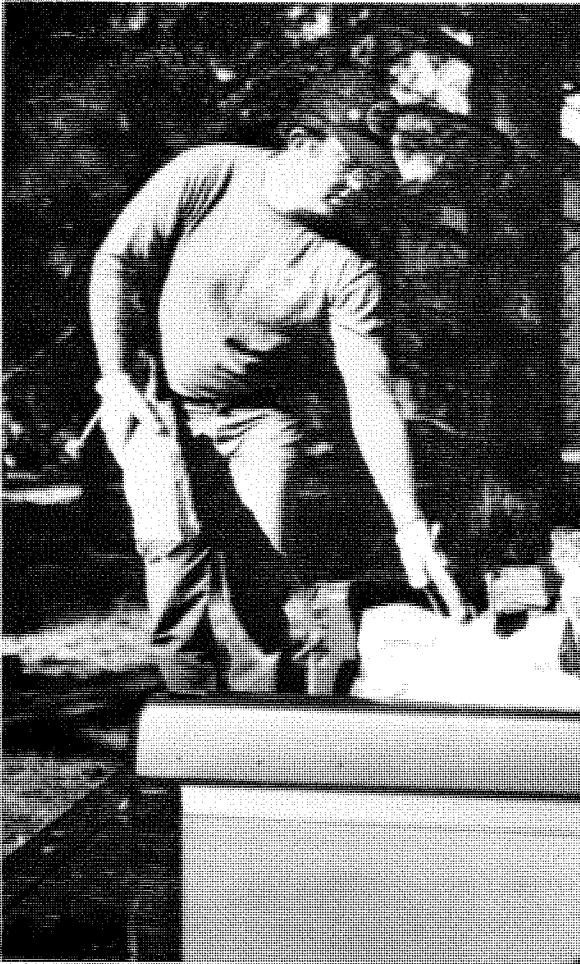


## SOUTHWESTERN SOCIETY OF AMERICAN FORESTERS

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*Representing Professional Resource Management in the Southwest*

# FORESTRY CLUB ACTIVITIES



Why did I volunteer my truck?



The world renowned NAU Hotshots



Is that a Bouteloua gracilis or a Mulenbergia montana?



This wood splitter sure makes things easier!



Only one more pile of wood to go!



# FORESTRY HONORS CONVOCATION

## OCTOBER 26, 1990

Sherrie Alford Forestry Scholarship  
BARBARA O. VOTH

Alta Vista Garden Club Scholarship  
ANGELA K. ELAM

Appelquist Award  
CHRISTINA M. HART

Raymond Aso Forestry Scholarship  
NORMA A. ORDONEZ

Dick W. Berry Forestry Scholarship  
STEVEN R. EMERSHY

Robert A. Blaser Forestry Scholarship  
MICHAEL D. MILLER

Laurel and Dorothy Brenn Forestry Scholarship  
MICHELE MARIE BISBEE

Tony Czak Memorial Scholarship  
CHRISTINA M. HART

Dave's Lumber Forestry Scholarship  
JAMES M. JAUREGUI

D R Systems Inc. Scholarship  
JEFFREY L. LEONARD

du Bois Foundation Scholarship  
JAMES M. JAUREGUI  
JANET SLINGERLAND  
LENA L. TUCKER

Von Dunford Forestry Scholarship  
BRIAN K. POTURALSKI

Empire Southwest Forestry Scholarship  
JOSEPH P. BOULEY

Flagstaff Cabinet Company Forestry Scholarship  
NIKLAS O. RANTA

Forestry Alumni Scholarship  
DOUGLAS B. KOKESH  
TIMOTHY J. McMAHON

Forestry Author's Scholarship  
BRAD W. ELDRIDGE

Forestry Club Award  
MICHELE M. BISBEE  
STEVE EMERSHY  
CHRISTINA M. HART

The Pamela and David Garrett Forestry Scholarship  
STEVEN P. KINCAID

Greenlaw Forestry Scholarship  
JOANNES V. LOJIU  
BRIAN K. POTURALSKI

Kaibab Forest Products Company Award  
GREGORY R. ANERSON  
DONALD H. SCHLAGEL

Tommy Knoles, Jr. Forestry Scholarship  
PAULA L. HAGAR

Navajo Forest Products Industry Scholarship  
LAVERNA WOODY

Lee Newman Forestry Scholarship  
PAULA L. HARGAR

Northern Arizona Loggers Association Scholarship  
NIKLAS O. RANTA

Raymond Foundation Forestry Scholarship  
SHAWN E. BENSEY

Sharalon Runyon Forestry Scholarship  
JEROME S. HAAN

Dave Schmidt Forestry Scholarship  
BRAD L. BOLTON

Scottsdale Sportman's Club Conservation Scholarship  
DOUGLAS B. KOKESH

Stone Forest Industries Forestry Scholarship  
LARRY R. MORRISON  
CLIFFORD M. REID

Glenn Voorhies Scholarship  
LANN W. MOORE

# FORESTRY CLUB EXECUTIVE COUNCIL



Front Row: Lena Tucker, President and Chris Hart, Treasurer

Back Row: Larry Morrison, Senior Representative;  
Michele Bisbee (with Travis), Historian;  
Gabe Partido, Junior Representative;  
Jim Downey, Sergeant-At-Arms;  
John O'Brian, Freshman Representative; and  
Holly Jacobson, Secretary

Not Pictured: Robin Pacheco, Vice-president;  
Julie Crawford, Social Chairperson;  
Jessie Sandoval, Sophomore Representative; and  
Steve Emershy, A.W.F.C. Representative

# FORESTRY HONOR SOCIETY

Ξ Σ Π



**Brian Poturalski**, Associate Forester; **Steve Emershy**, Treasurer; **Brad Bolton**, Forester; **Robert E. Larson**, Advisor. Not pictured: **Sue Schuhardt**; Secretary-Fiscal Agent.

## 1990 Initiates:

Margaret Bailey  
Michele Bisbee  
Joe Bouley  
Sally Davidson  
Steve Emershy  
Tod Ericson

Christina Hart  
Jeff Leonard  
Lann Moore  
Larry Morrison  
Norma Ordonez  
Brian Poturalski

Gerry Sauer  
Donald Schlagel  
Susan Schuhardt  
Michael Soulen  
Jerry Welch

## 1991 Initiates:

Greg Anderson  
Charles Berube  
Brett Borup  
Angie Elam  
Brad Eldridge  
Jim Jauregui  
Barbara Voth

Steve Kincaid  
Doug Kokesh  
Tim McMahon  
Mike Miller  
Robert Moore  
Gabriel Partido

Scott Perkins  
Niklas Ranta  
Mark Seidel  
Ron Simpson  
Janet Slingerland  
Lena Tucker

# FORESTRY CLUB — HOMECOMING



Chris and Steve enjoy the pizza break



How do you spell forestry?



Let the parade begin!



Can I throw the candy?



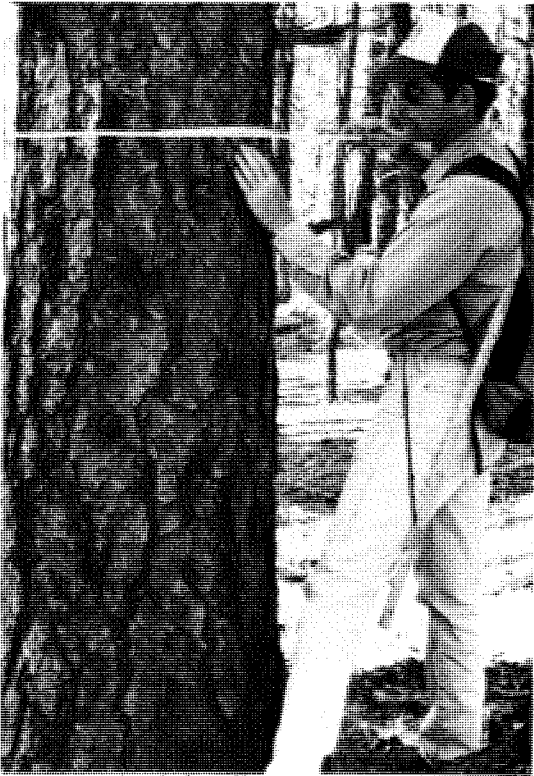
Dean Garrett enjoys the parade.



The Float Building Crew



# SENIORS - IN - ACTION



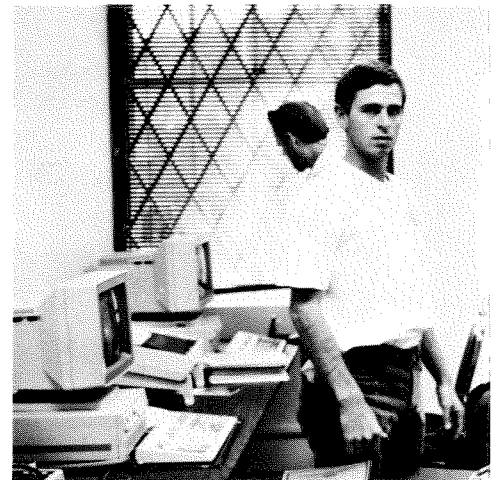
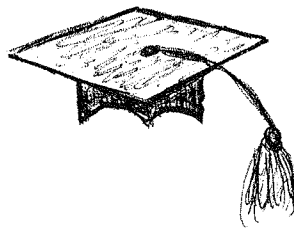
And the diameter is . . .



Chalkboard art



Ahh, the perfect site tree.



What do you mean infeasible?

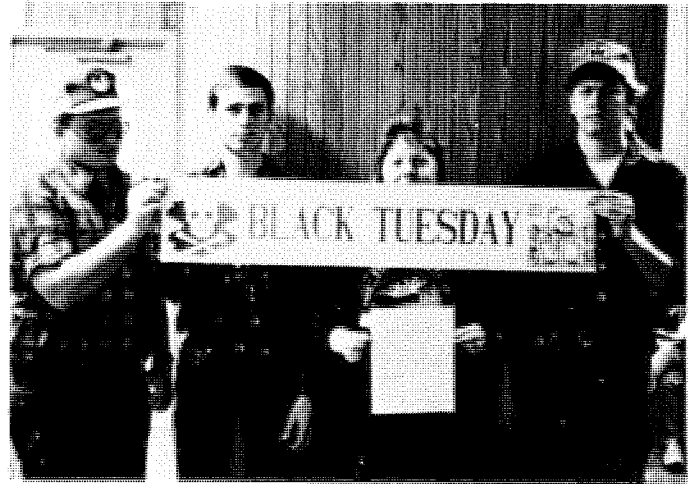


Bill and Brad know wildlife!

# SENIORS - IN - ACTION



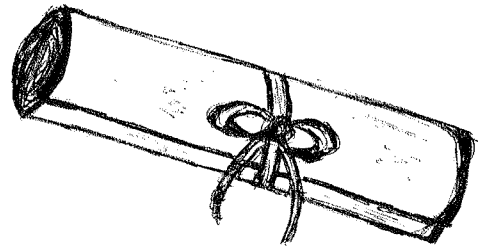
Rest and relaxation



The day the plan came back . . .



LEGOS 402



Study session at Bunhuggers



Success Achieved!!

# A GOODBYE FROM SEMESTER "C"

-Song to the tune of "Beverly Hillbillies"

Come and listen to my story 'bout a man named Fox,  
Went to Berkeley in the 70's, wore his Birkenstocks,  
He smoked no marijuana and he did no LSD,  
So he moved to Arizona to harass Semester C.

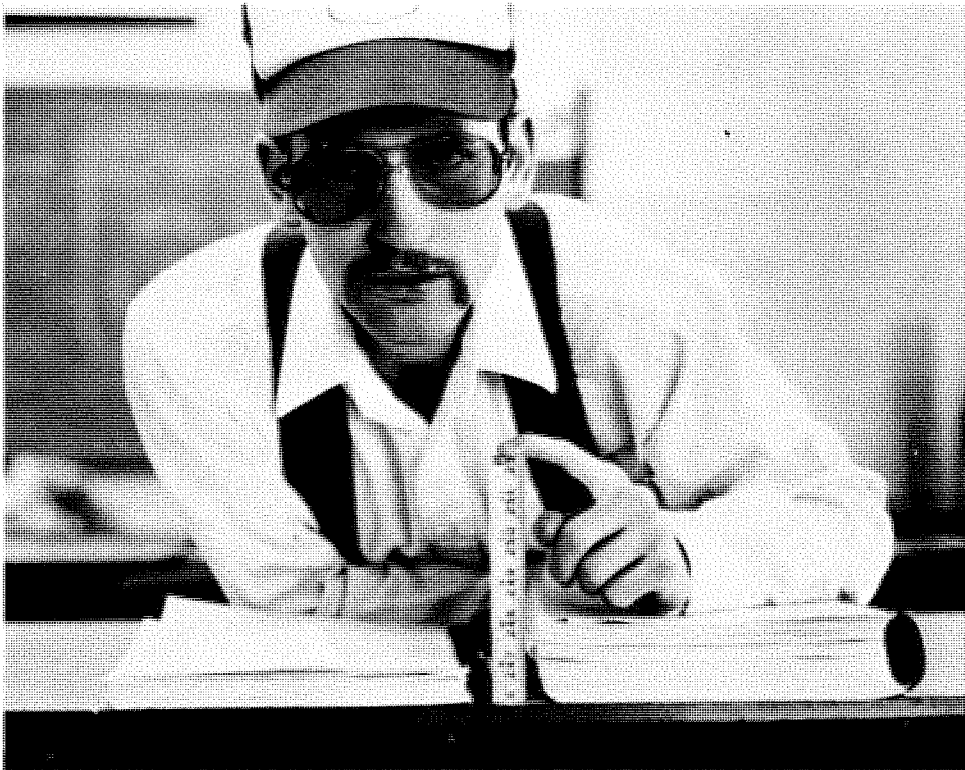
Forestry that is, NAU, Lumberjacks . . . . .

Well first thing ya know ol' Bruce is here to stay,  
Kin folks said, "Bruce, don't you move away!  
You need to stay at NAU and teach that forestry,  
So we can always have a forest that is full of trees."

Economics, Multiresource Management . . . . .

Well now it's time to say goodbye to Bruce and NAU,  
The class of 1991 has finally gotten through,  
You'll never see another bunch as rowdy as we've been,  
We've had fun and hope you did — it's finally calm again.

Crickets, Cemeteries, Funerals . . . . .



It just doesn't measure up.

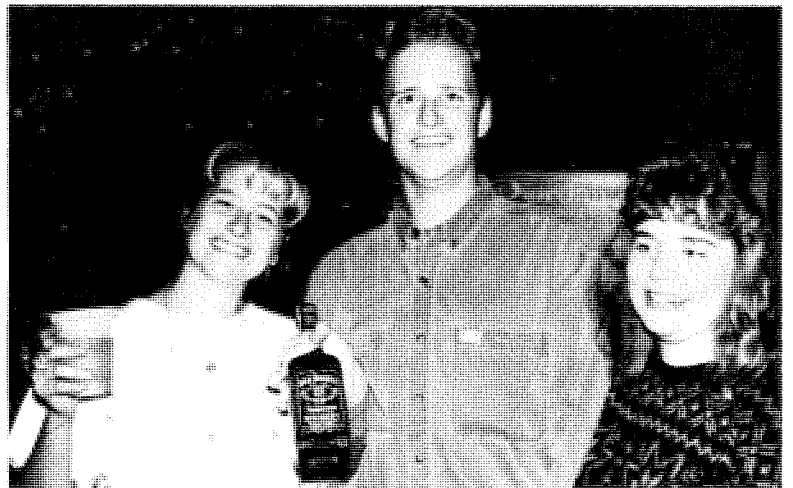
# THE CHRISTMAS SPIRIT



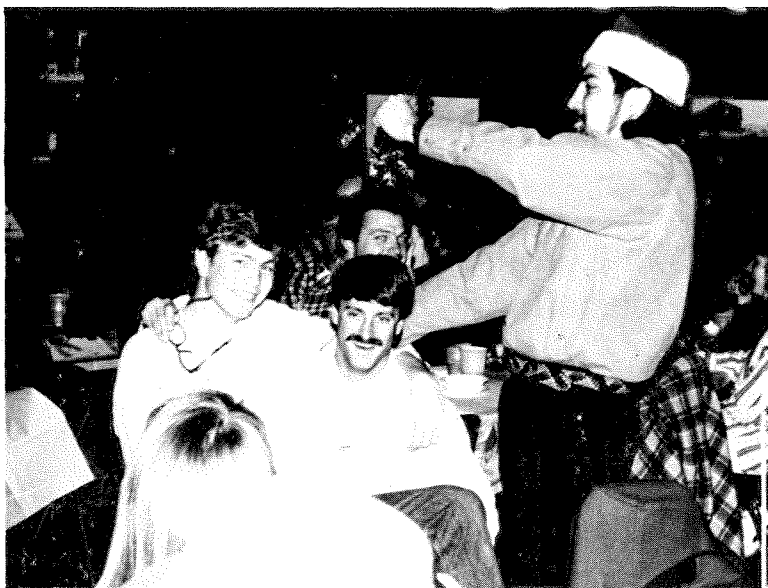
Moonlighting Foresters . . .



Boy, it's just like being at a concert.



Winning the door prize sure helps you make friends!



Mistletoe encourages you to do the strangest things!



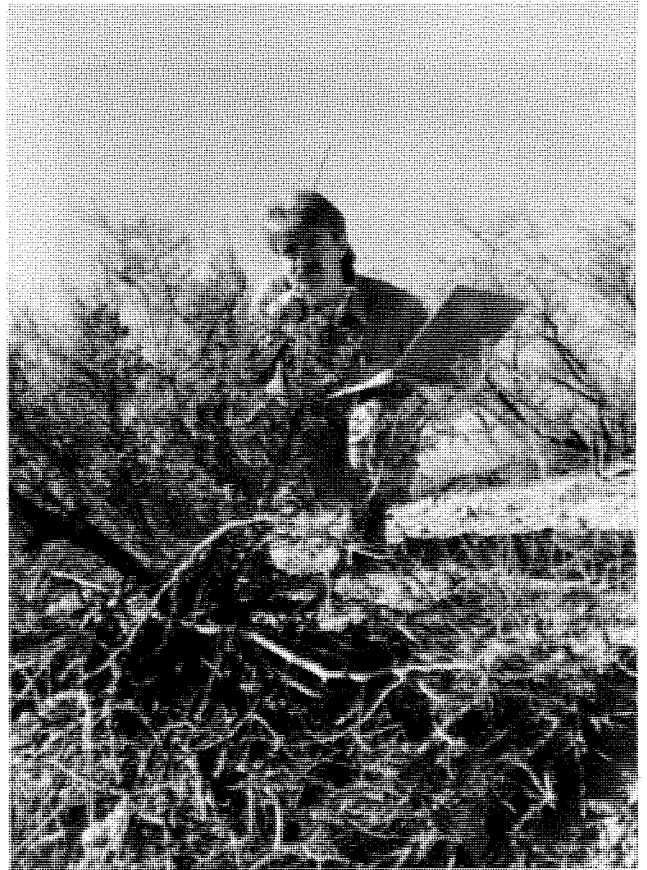
It's mine, all mine!!!



# SEMESTER "A"



Say Cheese



I think it's Mountain Mahogany

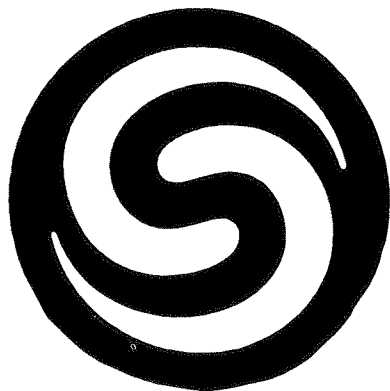


Logging Operations on the North Rim



A sign of quality. . .

**Stone Forest Industries, Inc.**

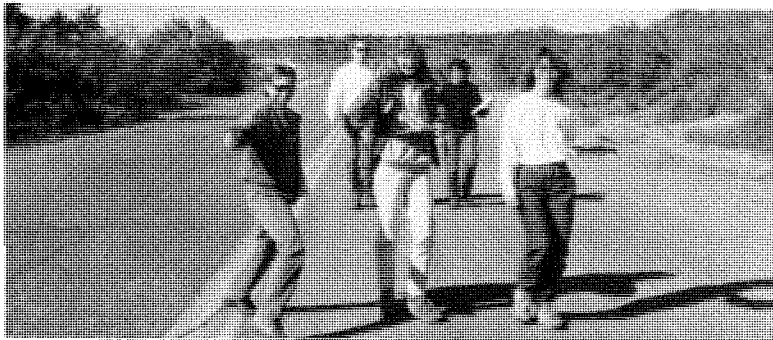


825 E. Butler Ave.  
Flagstaff, Arizona 86001

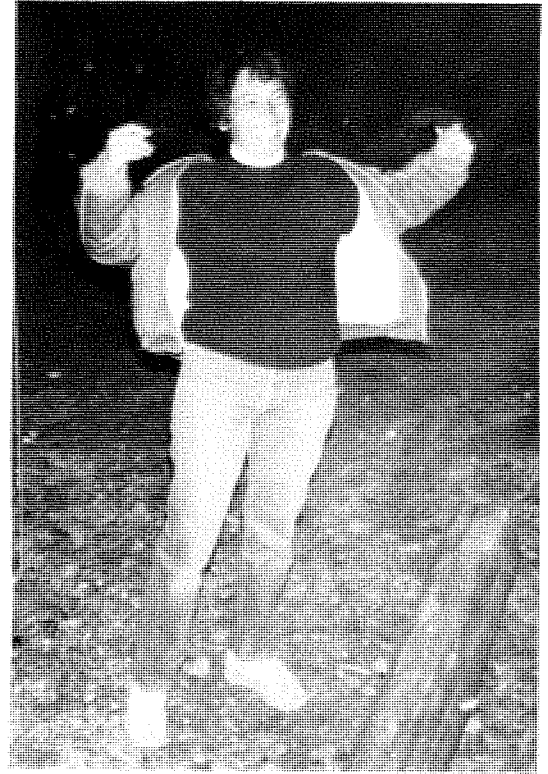
## IN THE FIELD



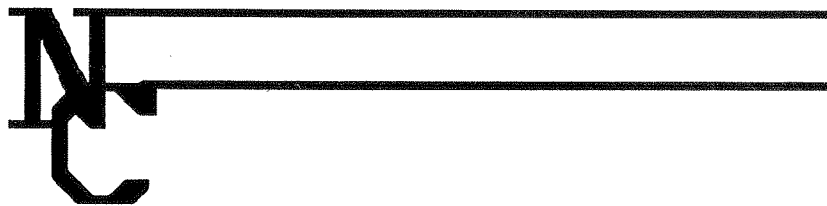
They didn't say it was supposed to rain!



The Semester "A" Shuffle



She-ra!



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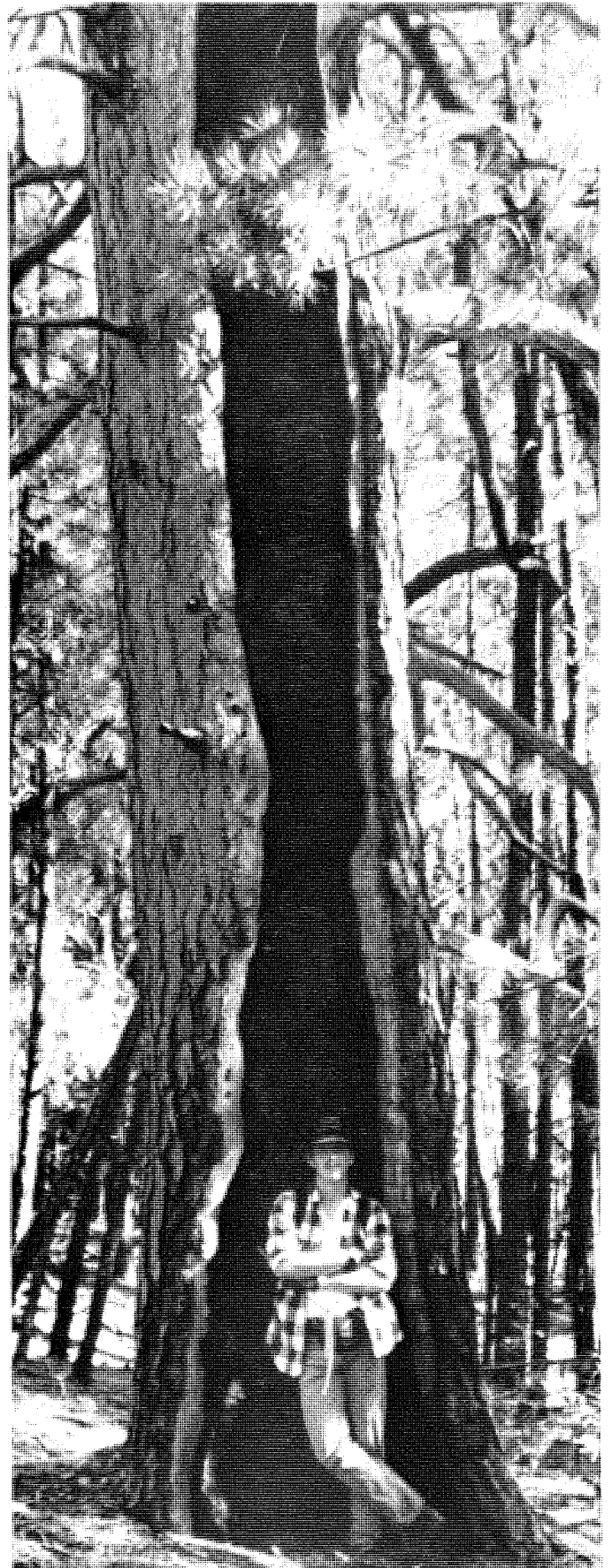
In the Longs Drug Center



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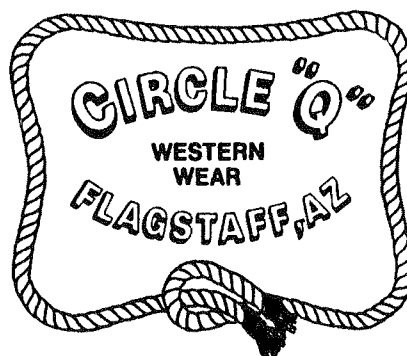
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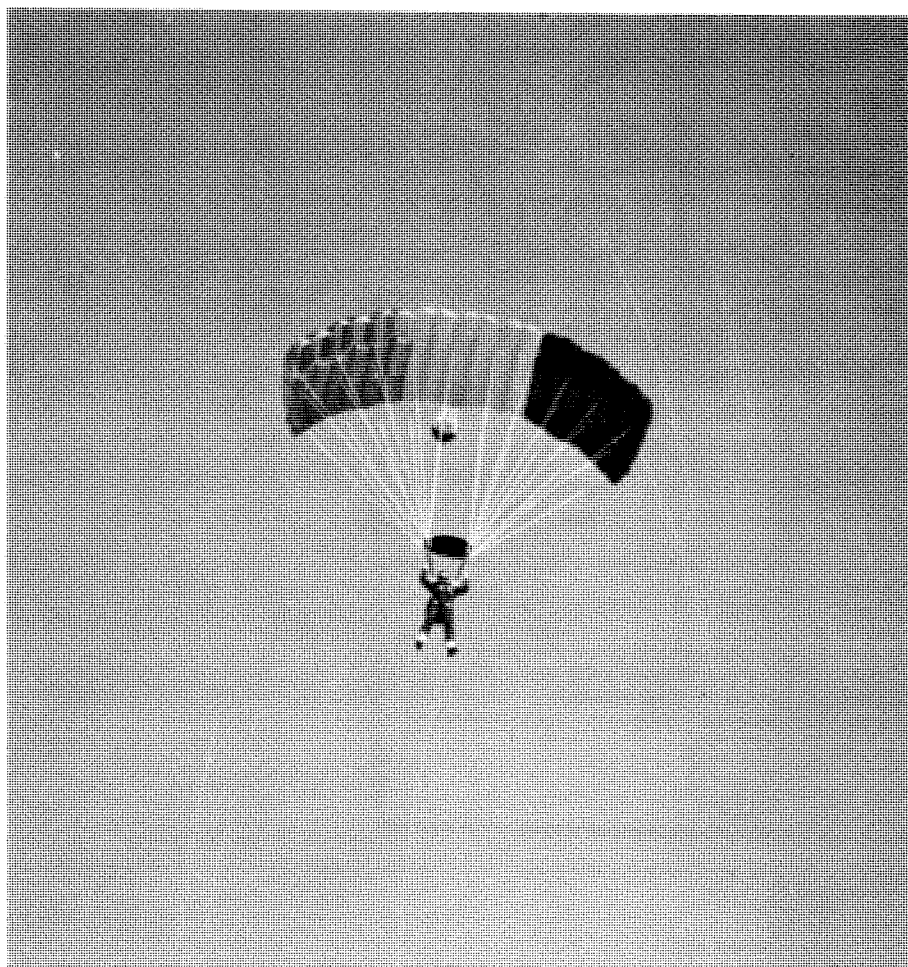


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 (602) 774-4672

**Bob & Margot  
 Childers**



# MESSAGE FROM THE EDITOR



The sky's the limit!

This school year has been a most challenging one. Not only did I have to get through Semester "C" and welcome the birth of my son, Travis, in March, but I also had to try to make the 1991 edition of the Annual Yield the best possible. This would not have been possible without the immense help of my husband, Jeff, Barbara Voth, and Larry Morrison. I'd also like to thank the rest of the Yield Staff, the School of Forestry office staff, Margaret Moore, Dr. Wommack, and this year's advertisers for their continuing support. Additional thanks goes to Aspen Avenue Printers, Co. for their technical advice and assistance and Dean Garrett. Without Dean Garrett's aid, this publication would not be possible.

-Michele Bisbee

## Range-Raised Barzonas



## Indian Rock Ranches

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Harvey Branigar/Bagdad Route, Prescott, AZ 86301  
Wayne Word, Manager/(602)442-3297

