

# Annual Yield 1971



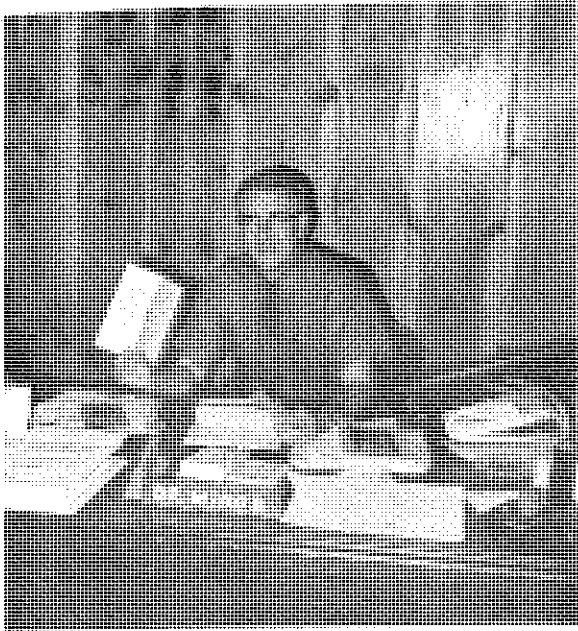
MNU Forestry Club

# Dedication



We, the 1971 Annual Yield staff, take great pleasure in dedicating this Annual Yield to one of the nicest members of the teaching staff, Dr. Ernest A. Kurmes. The "Falcon" came to Northern Arizona University in 1967, after teaching at Southern Illinois University for six years in Carbon Dale, Illinois.

Those of us who have taken silvics, silviculture, and forest soils will remember Dr. Kurmes for his friendly smile and gentle humor, for they have made him both a friend and a teacher to all of us. His interest in his students make them feel they are more than just a student to be taught and then forgot. Thank you Dr. Kurmes for making our learning experience in Forestry a little brighter.



## Dean's Report

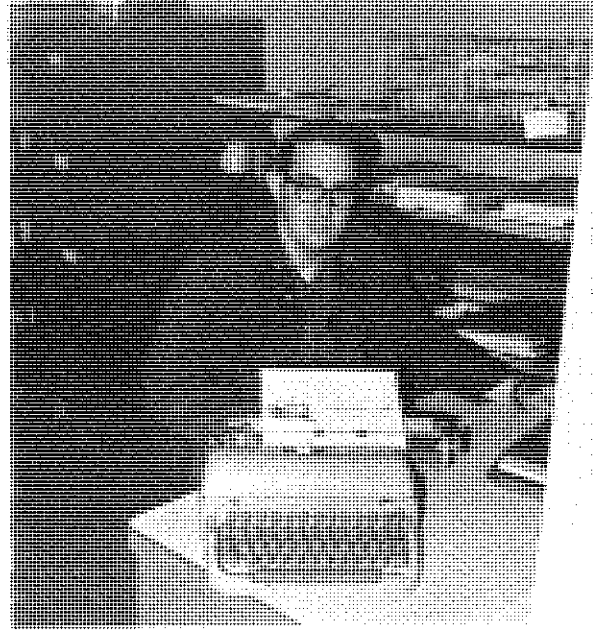
I guess this would be called the year of transition as we start the change-over to the new integrated curriculum. Certainly the junior class thinks it is transition, since they attended the final summer camp and will now be the first in Forest Sciences "C". However, we are just as completely sold as before on this new program as the answer to undergraduate education.

The Annual staff is producing another great publication this year. I know you alums are as pleased as I am to see each group continue the traditions you have established. The Forestry Club has been even more active and it has been a fine year in everything except employment.

One comment to our alumni, I want to especially thank those of you who have sent information on jobs, both summer and permanent. This is a great boost to the school and to our students. It is most encouraging to have graduates who remember and care! We hope you will continue to faithfully keep in touch, promote the school and come by to see us whenever possible.

# President's

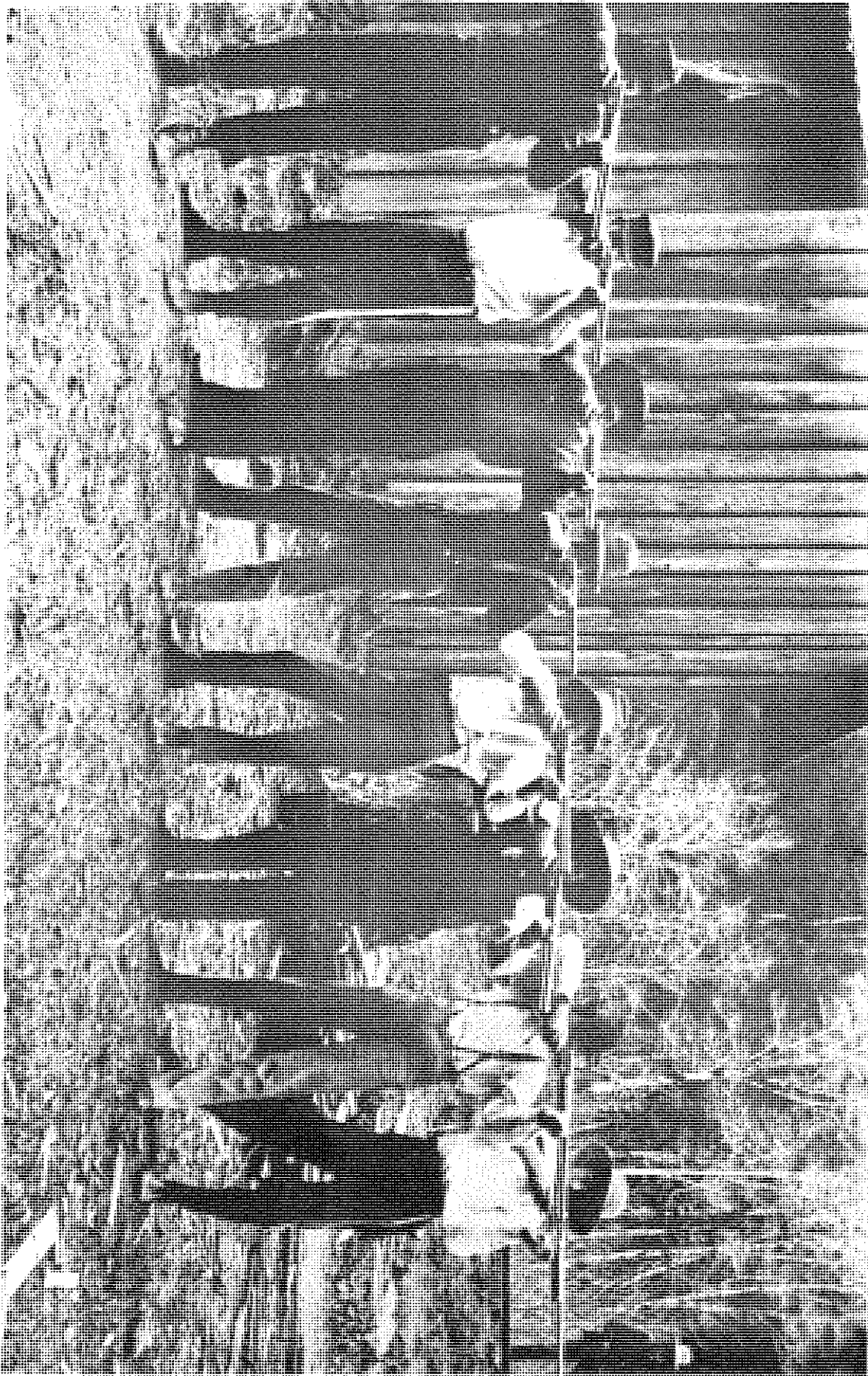
## Report



You find yourself caught up in the rapids of change. Your course has been relatively smooth as you slowly sailed your untested ship, confident and assured by the nearness of the shore of tradition. How you must realize that you have embarked on a course that will try your vessel and call on you to take the helm. No longer can you drift toward the unsure end of a calm, meandering stream. For now you travel another channel, a broad river which leads to your desired destination. But you must remember to guide your ship and keep a constant watch lest you run aground on a sandbar of despair or be dashed on the rocks of abandon.

And throughout your journey be aware that the current alone will not deliver you to your goal. Take advantage of the charts of fellowship and unity and you will find the navigable channel of cooperation.

# Faculty







Mary Lou, Carolyn, Billy, Ernest  
and Samantha Kurmes

Associate Professor of Forestry

BA	Lehigh University	1953
MS	Yale	1957
MF	Yale	1958
PhD	Yale	1961

Research: Regeneration and tree  
growth.

Hobbies: Wood turning and fly  
fishing.

Richard Jr., Opal, Mary, and  
Richard Berry

Associate Professor of Forestry

BS	Oregon State	1953
MS	Oregon State	1960
PhD	Oregon State	1964

Research: Pollen analysis of lake  
sediments and aeolian deposits in  
northern Arizona, reconstruction  
of vegetation and climate changes  
of recent past



L. Dudley and Dorothy Love

Professor of Forestry

BSF	Colorado State	1930
MS	North Dakota State	1931
PhD	University of Arizona	1934

Research: Forest-range management  
and outdoor recreation.

Hobbies: Trailer travel and pho-  
tography.





Charles, Charlotte, Ann, Mary,  
and Fritz Minor

Professor of Forestry  
Dean, School of Forestry

BSF	Iowa State	1941
MF	Duke	1942
DF	Duke	1958

Research: Measure of stand  
density, height accumulation.

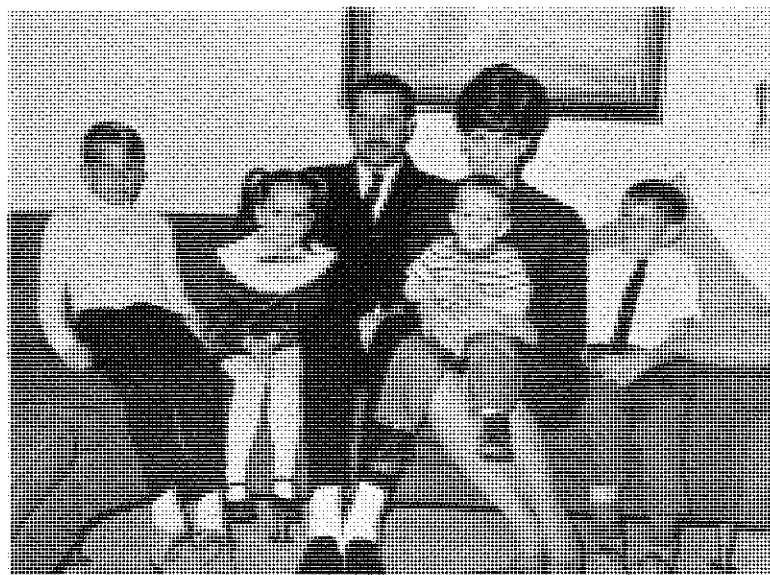
Timothy G. O'Keefe

Associate Professor of Forestry

BS	Syracuse	1955
MF	Syracuse	1957

Research: Wood quality, wood  
technology.

Hobby: Skiing



Mark, Beth, A. Jay, Kathleen,  
Billy, and David Schultz

Assistant Professor of Forestry

BS	Forestry, Oklahoma	1958
MF	Forest Soils, Duke	1960

Research: Patterns of use in  
developed campgrounds.

Hobbies: Hunting and fishing.

Bill Dr., William, Annette, Vonnice,  
and Ann Marie Thompson

Associate Professor of Forestry

BA	Economics, Yale	1951
Mf	Yale	1956
DF	Duke	1966

Research: Natural resources,  
economics, policies.

Hobby: Fly fishing



Glenn Voorhies

Associate Professor of Forestry

BSF	Oregon State	1929
MS	Oregon state	1930
FE	Oregon State	1940

Research: Wood quality in pond-  
erosa pine, juniper resources.

Michael, Donald, Heidi, and  
Anneliese Wommack

Associate Professor of Forestry

BS	Purdue	1953
MS	Oregon State	1960
PhD	Oregon State	1964

Research: Genetics and forest tree  
improvement, production problems  
related to logging.

Hobbies: Hunting, fishing, hiking,  
photography, and breeding tropical  
fish.







T. Eugene and Marianna Avery

Professor of Forestry

BSF University of Georgia	1948
MF Duke	1950
PhD University of Minnesota	1958

Research: Land use changes from  
aerial photographs

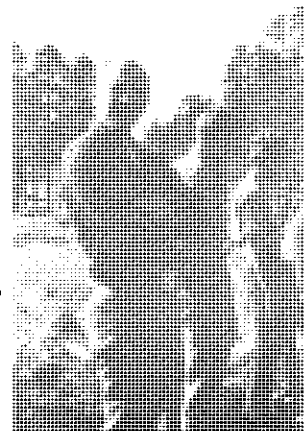
Hobbies: Photography, tennis, water  
skiing

Mrs. Gisela McCormick  
Secretary, School of Forestry



"once upon a time . . ."

"What do you mean,  
hey falcon?"

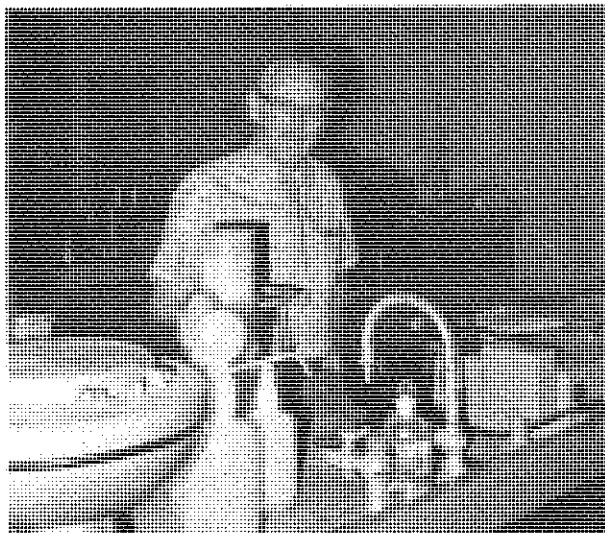




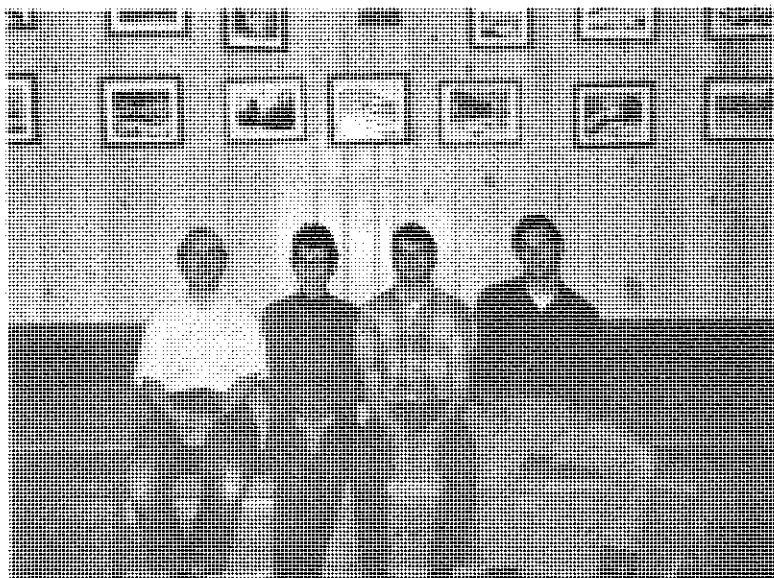
## Club

## Officers

First Row: Jeff Ramey, Sophomore Representative; Tim Cannon, Sergeant at Arms; Jim Scott, President. Second Row: Paul Tidwell, Treasure; Orlando Gonzales, Social Manager; Dan Derrick, Vice-President; Tom Beddow, Secretary; Jim Koppang, Freshman Representative.



Dr. Richard Berry  
Forestry Club Advisor



## Annual

## Staff

Bob Hethcot, Becky Cooper, Richard Russell, and Frank Schmitz

# Students



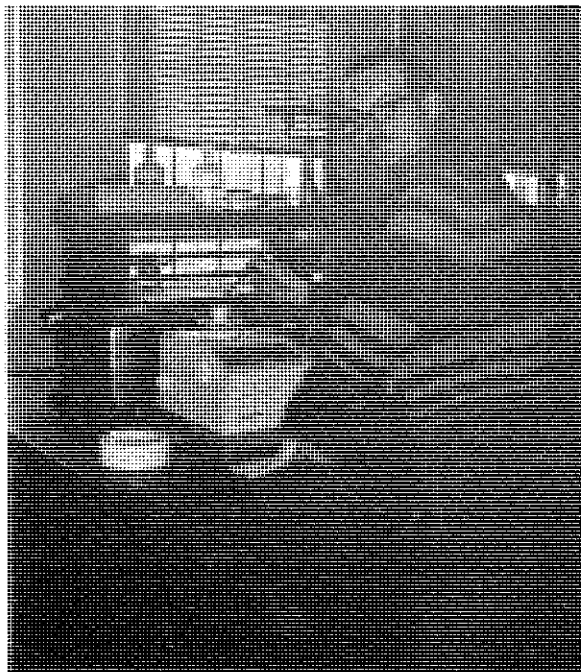
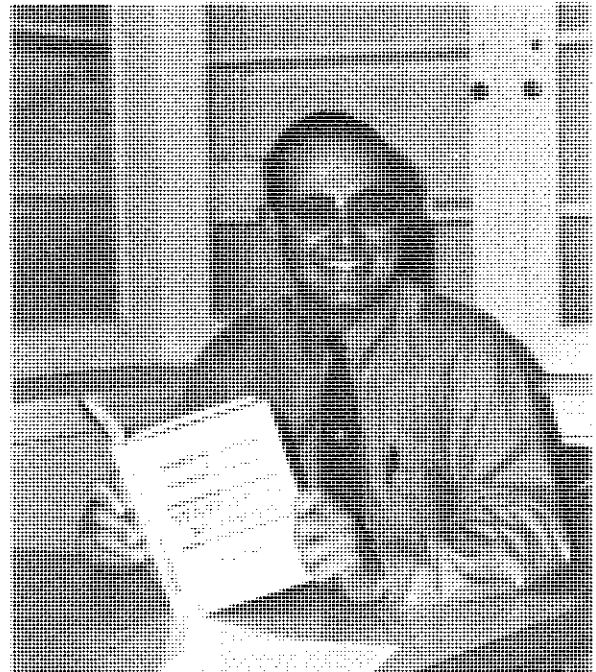


# Graduate

## Students

Mike Jaquith. "Environmental factors influencing growth rates of ponderosa pine."

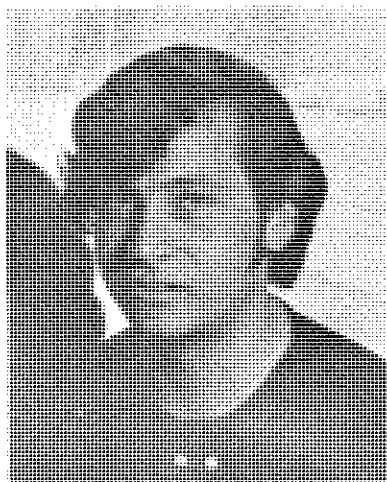
Maurice Mitchell. The influence of climatic factors and vegetation on snow storm precipitation in a ponderosa pine forest and on an adjacent natural grassland park.



Jon Allan Youngs. Research in forest recreation.



# Seniors



Fernando Abeita  
Isleta, New Mexico

Forestry Club

USFS Priest Lake



Ralph L. Barela  
Santa Fe, New Mexico

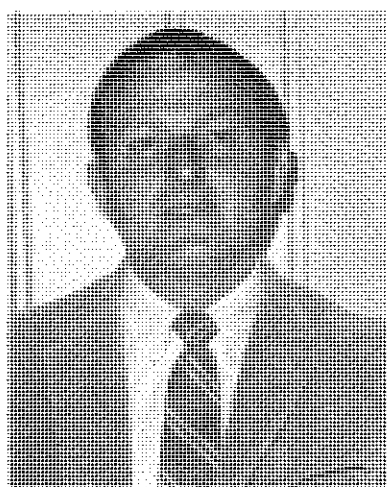
Forestry Club

Kaniksu Hot Shot Crew

William F. Bishop  
Phoenix, Arizona

Forestry Club, Circle K,  
NAU Search and Rescue,  
Ski Club

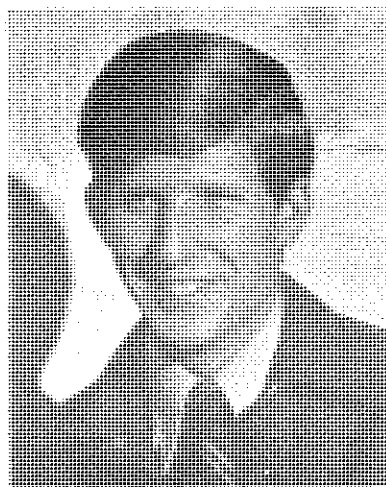
USFS Coconino - 4 seasons



Michael D. Braden  
Pendleton, Oregon

Pi Sigma Epsilon

USFS; Southwest Forest  
Industries; Boise-Cas-  
cade



Edward W. Collins  
Sierra Madre, California

Forestry Club, Annual Co-  
editor 1970

USFS Angeles National  
Forest - 2 seasons



John J. Conrad  
Mesa, Arizona

Forestry Club, NAU Fire  
Crew, Pres. of Campus  
Ambassadors

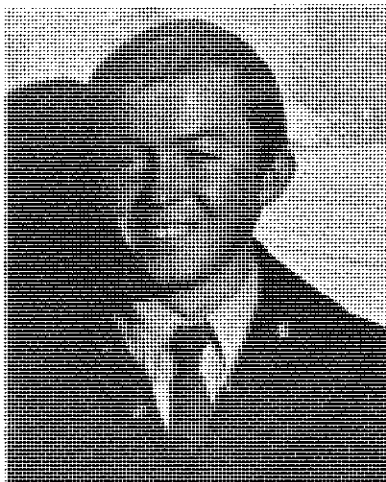
USFS: Sitgreaves and  
Kaibab



Joseph P. Demuth  
Tucson, Arizona

Forestry Club

USFS: Coronado, Coconino



Daniel J. Derrick  
Cornville, Arizona

Forestry Club, Club Vice  
President '70-'71, NAU  
AWFC Delegate 1969

USFS Coconino - 3 sea-  
sons



Richard T. Edwards  
Flagstaff, Arizona

USFS Coeur d' Alene, Co-  
conino, Rocky Mountain  
Forest and Range Experi-  
mental Station



Tim Ferrall  
Scottsdale, Arizona

Forestry Club, Phi Eta  
Sigma, Phi Kappa Phi

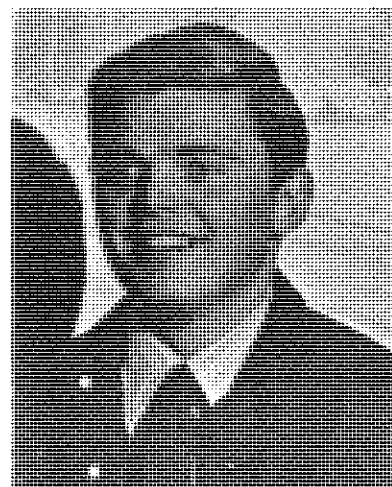
USFS: Kaibab and Apache,  
Southwest Forest Indus-  
tries



Orlando Gonzales  
Santa Fe, Arizona

Forestry Club, Annual  
Staff 1970, Social Man-  
ager '70-'71, NAU Fire  
Crew

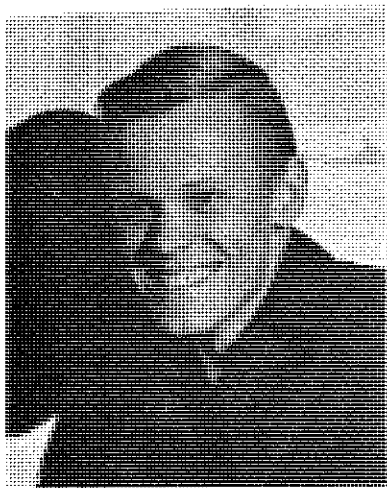
USFS: Kaibab and Lewis.  
and Clark



James F. Greene  
Flagstaff, Arizona

Forestry Club, Recording  
Historian '69-'70, Fire  
Crew Boss

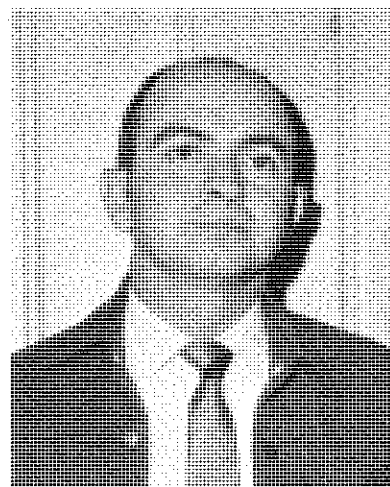
USFS Coronado - 3 seasons



Norland K. Hall  
Phoenix, Arizona

Forestry Club, Directory  
Editor, S.A.F.

Southwest Forest Indus-  
tries; USFS: Coconino,  
Tonto; Region I Smoke-  
jumper; U.S. Air Force;  
Flagstaff Fire Dept.



Richard Harris  
Las Vegas, Nevada

Forestry Club, AWFC  
Treas., S.A.F., NAU  
Fire Crew

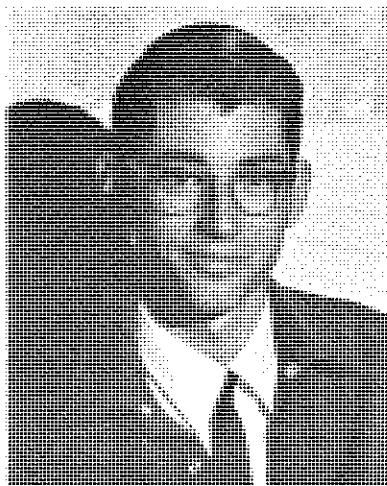
USFS Toiyabe - 6 seasons



Roger Hazelwood  
Santa Barbara, California

Forestry Club

USFS: Los Padres and  
Coconino; independent saw  
operator and pulpwood  
sub-contractor, cine-  
matographer for U.S.G.S.



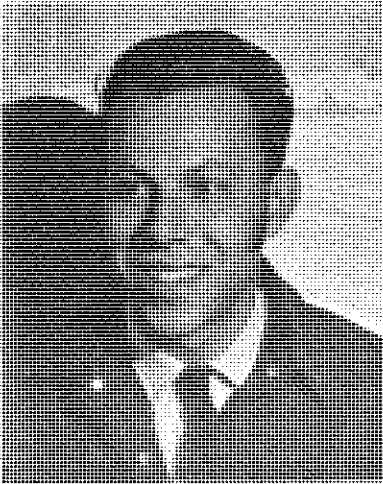
Tom Hentz  
Phoenix, Arizona

Forestry Club, Co-editor  
of 1970 Annual, NAU  
Search and Rescue

Alva L. Jones  
Glendale, Arizona

Forestry Club, NAU Fire  
Crew

Arizona State Forestry



Lewis H. Jump  
Flagstaff, Arizona

Forestry Club

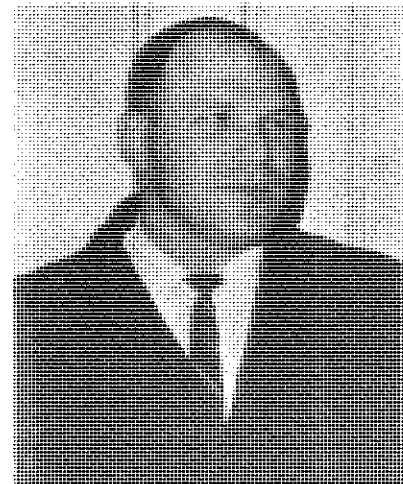
Navajo Tribal Parks and  
Recreation Department,  
USFS Kaibab, State of  
Arizona Land Department



Bill Logan  
Phoenix, Arizona

Forestry Club, NAU Fire  
Crew, Western Forestry &  
Conservation Assn.,  
S.A.F.

USFS Kaibab, Kaibab For-  
est Industries, South-  
west Forest Industries



Jerald R. Lopeman  
Flagstaff, Arizona

Forestry Club, S.A.F.,  
American Forestry Assn.

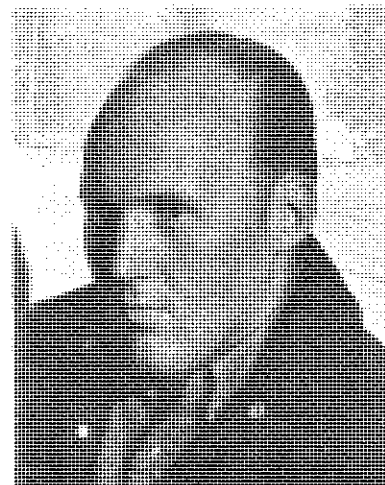
Great Lakes Deckhand  
Chem. Co Lab. Tech., U.S.  
Air Force - 4 years, APS  
Surveyor



Michael Luers  
Owings Mill, Maryland

Forestry Club, S.A.F.

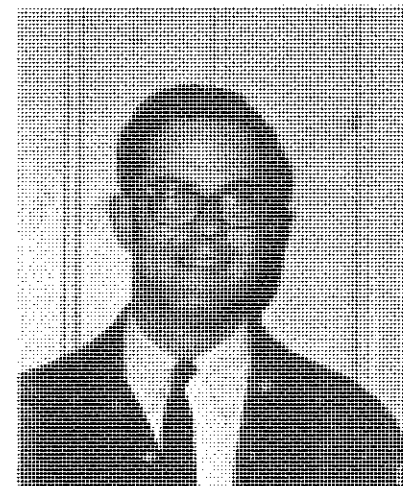
USFS Kaibab - 2 seasons  
Arizona Land Department



Jim McCann  
Serria Vista, Arizona

Forestry Club

USFS Coconino-4 seasons,  
Shepherd, S.W.F.I.,  
Flagstaff Police Dept.

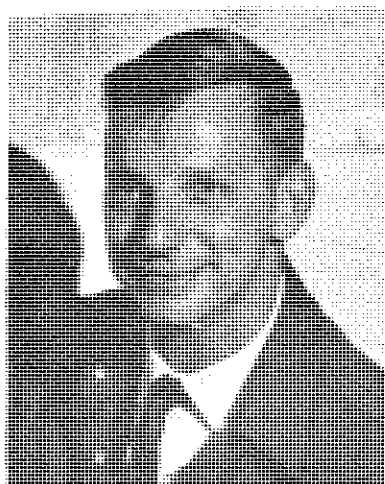


Jim Mercer  
Silver City, New Mexico

Forestry Club, Snow  
Sculpture Chairman '68,  
AWFC Delegate '69, Pres-  
ident '69-'70

USFS: Lincoln, Kootenai,  
and Apache

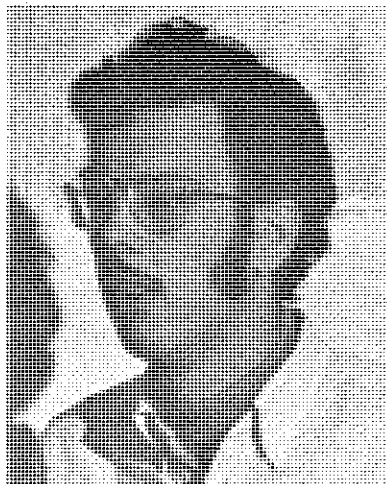




Ron Mueller  
Sedalia, Missouri

Forestry Club, Phi Kappa  
Phi, NAU Search and Res-  
cue

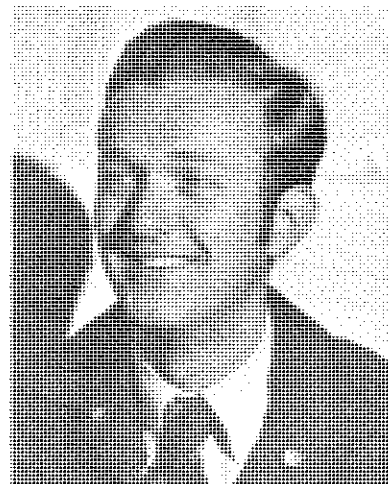
U.S. Navy, Electronic  
Engineer Tech.



Lee Newman  
Moab, Utah

Forestry Club

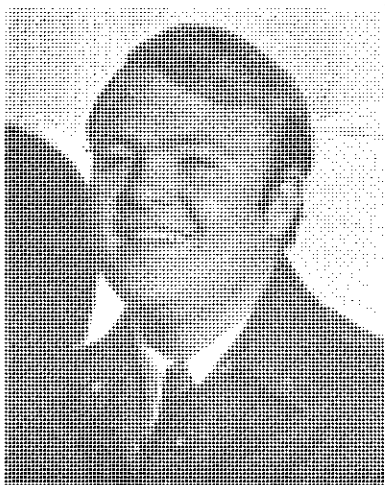
Southwest Forest Indus-  
tries, Rocky Mountain  
Experimental Station



Michael Reuber  
Wethersfield, Conn.

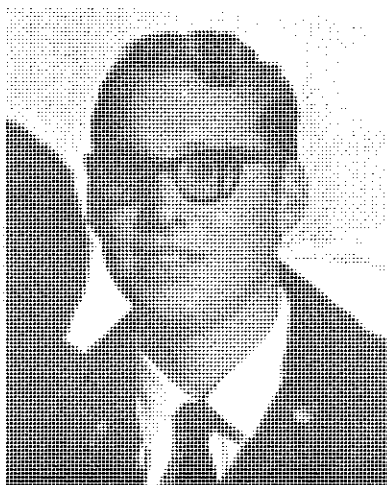
Forestry Club, Univer-  
sity Singers

Conn. Park and Forest  
Commission - 2 seasons



Stanley R. Samuels  
Carlsbad, New Mexico

USFS: Lincoln and Kai-  
bab; Southwest Forest  
Industries, BLM



Donald J. Scantling  
Flagstaff, Arizona

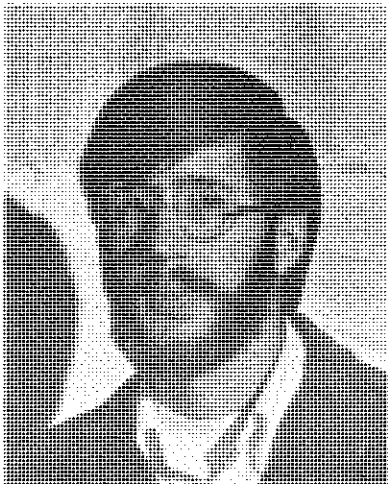
Forestry Club

Rocky Mountain Forest  
and Range Experimental  
Station, Arizona Public  
Service



Don Scarbrough  
Barstow, California

Forestry Club, NAU Fire  
Crew



James Schaller  
Tucson, Arizona

Forestry Club

BLM Survey Crew, USFS  
Coronado



James A. Schlup  
Flagstaff, Arizona

Forestry Club, Songfest  
Chairman 1970, S.A.F.

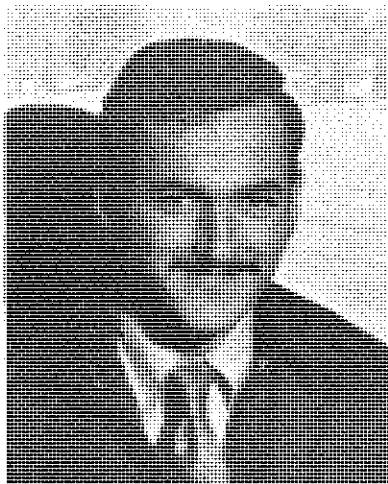
USFS: Medicine Bow,  
Shoshone, Jackson and  
Coconino



Jim Scott  
Flagstaff, Arizona

Forestry Club, Vice  
President 1969, Presi-  
dent 1970, NAU Fire Crew

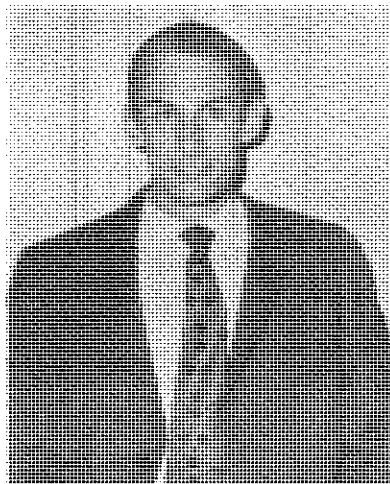
USFS: Prescott and  
Coconino



William E. Stafford  
Albuquerque, New Mexico

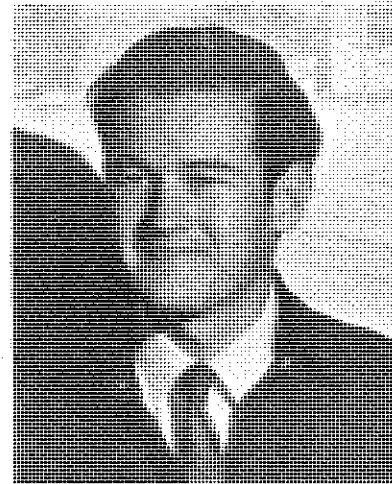
Songfest, Annual Staff,  
NAU Fire Crew, Forestry  
Club

USFS Flathead National  
Forest



Jerry Teachenor  
Placentia, California

Forestry Club, NAU Track



Paul Tidwell  
Morenci, Arizona

Forestry Club, Secretary,  
Treasure, Freshman Rep-  
resentative, S.A.F.

USFS Cleveland and Tonto;  
Rocky Mountain Range and  
Experimental Station



Susan Varin  
Tempe Arizona

Forestry Club, Audubon  
Co-chairman, Hiking Club,  
keeping the guys in  
stitches

Rocky Mountain Forest and  
Range Experimental Sta-  
tion, Custer State Park



Bill Welton  
Bosque Farms, New Mexico

Forestry Club, Rodeo  
Club, ASNAU Senate

USFS Cibola and Santa Fe



William D. Williams  
Prescott, Arizona

Forestry Club

USFS Prescott - 4 seasons



Mike Winters  
Scottsdale, Arizona

Forestry Club, Annual  
Yield Staff

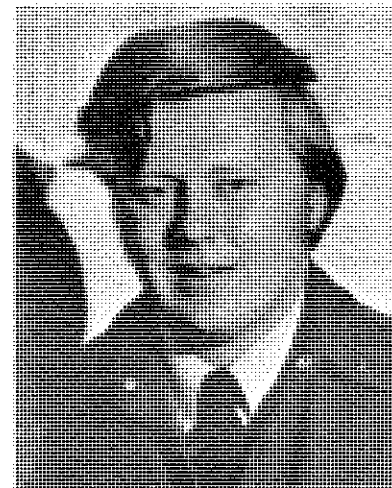
USFS Medicine Bow



Bob Withrow  
Lake Oswego, Oregon

Forestry Club, Annual  
Staff, Co-editor of Kerf,  
S.A.F., Homecoming chair-  
man, NAU Fire Crew, ASNAU  
Senate

Grand Canyon Nat. Park,  
USFS Angeles - 4 seasons



Dave Wray  
Phoenix, Arizona

Forestry Club

Ontario Department of  
Lands and Forests Canada

This page is dedicated to Susan Varin, who has shown that with determination, hard work and lots of laughter, any one can get through Forestry School. Good Luck Sue!



"Stan, but you're married."



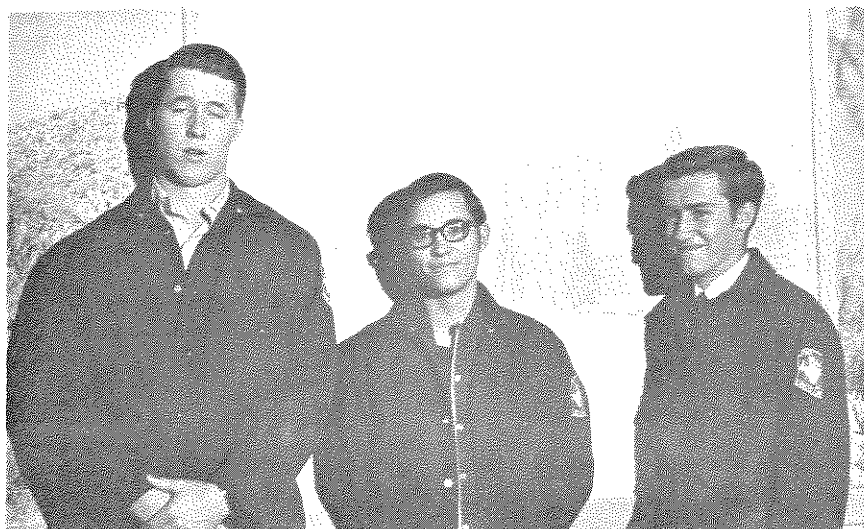
SUE!!!



Sue, get out of  
that tree!

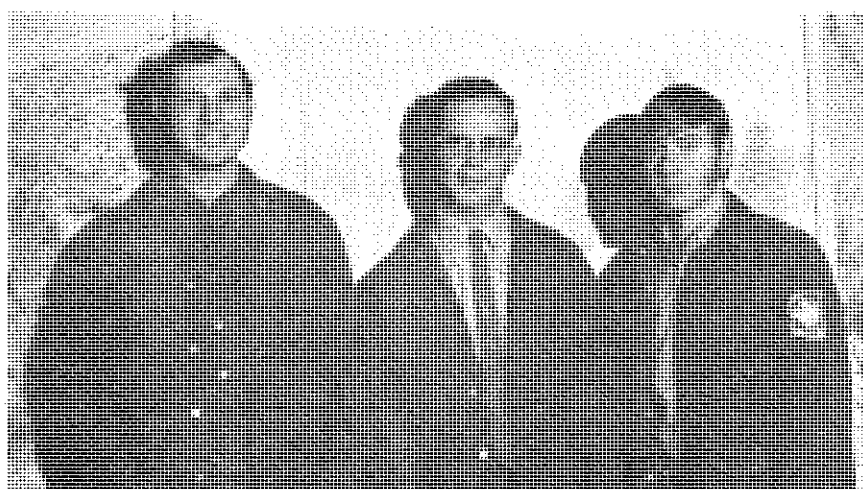


# Juniors



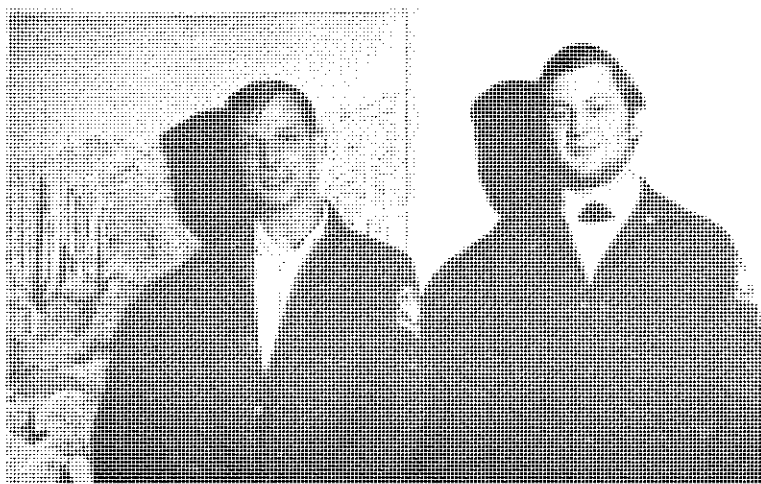
Crew 1

John Cothrun  
Tom Beddow  
Allen Williams



Crew 2

Mike Ferland  
Leo Keeler  
Mike Schmitt

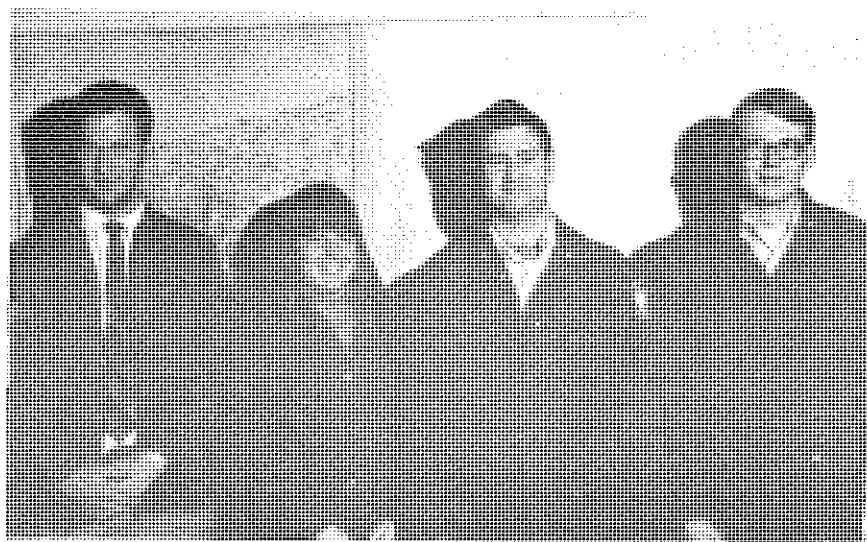
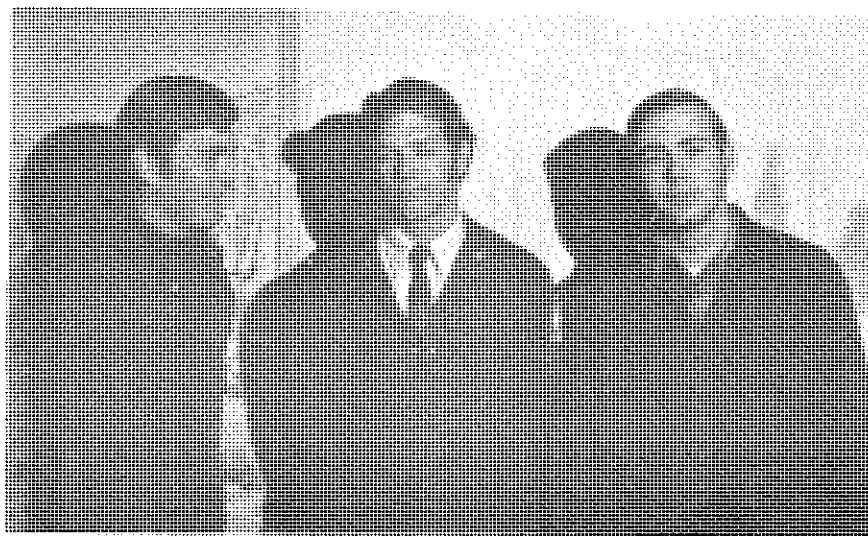


Crew 3

Ron Mueller  
Dave Brown

Crew 4

Steve Price  
Frank Schmitz  
Doug Thornburg

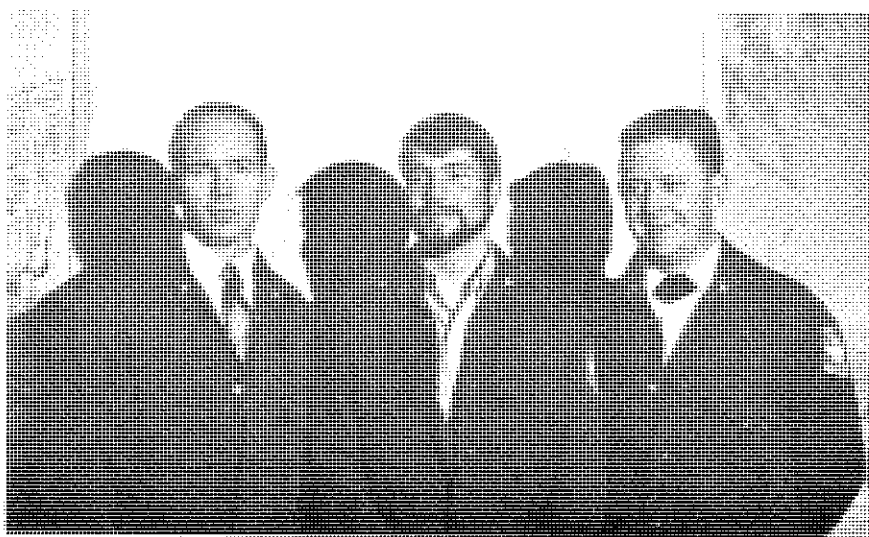


Crew 6 and 8

Don Ranne  
Wendy Wickizer  
Tim Cannon  
Earl Sutton

Crew 7

Jim Freeman  
Richard Russell  
Frank Smith





Crew 9

Bob Hethcot  
Becky Cooper  
Jerry Longbotham



Crew 10

Bruce Holmson  
Steve Martinet  
George Teeling



Crew 11

Ken Danley  
Jim Piper  
Dave Neff

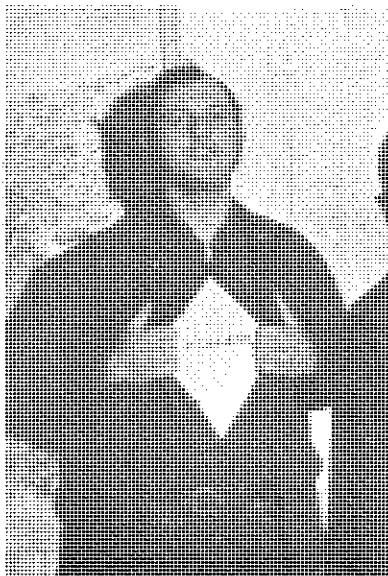
Crew 12

Mark Hathaway  
Nel Roanhorse  
Duane Bowen



Crew 13

Bob Dye  
Stan Rodell  
Brian Lynch

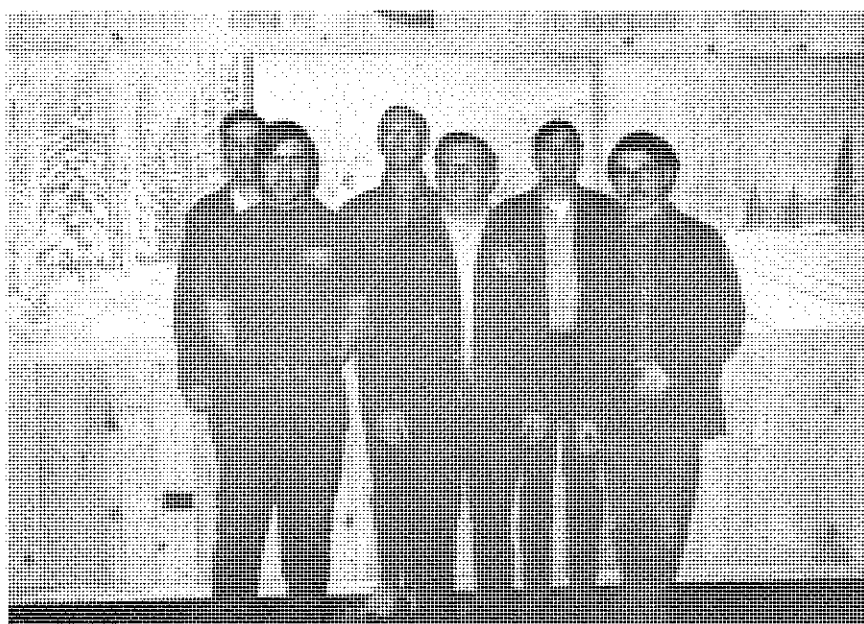


FERLAND!

# Sophomores



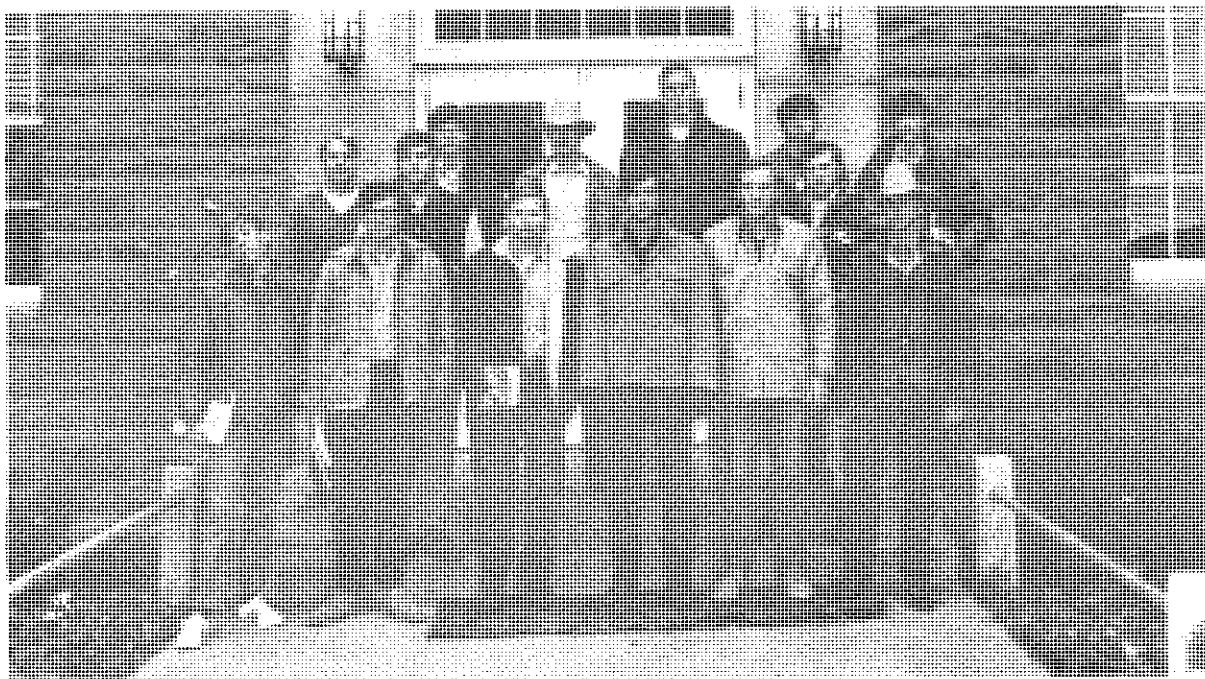
First Row: Nancy Soehner, Jeff Ramey, Bob Parcell, Jim Clark, Jerry Pouquette, Pam Kralovic. Second Row: Tom Pawley, Mike Fleming, Steve Fogg, Keith Rossow, Wally Warnke, Ralan Hartzell, Ray Weiss.



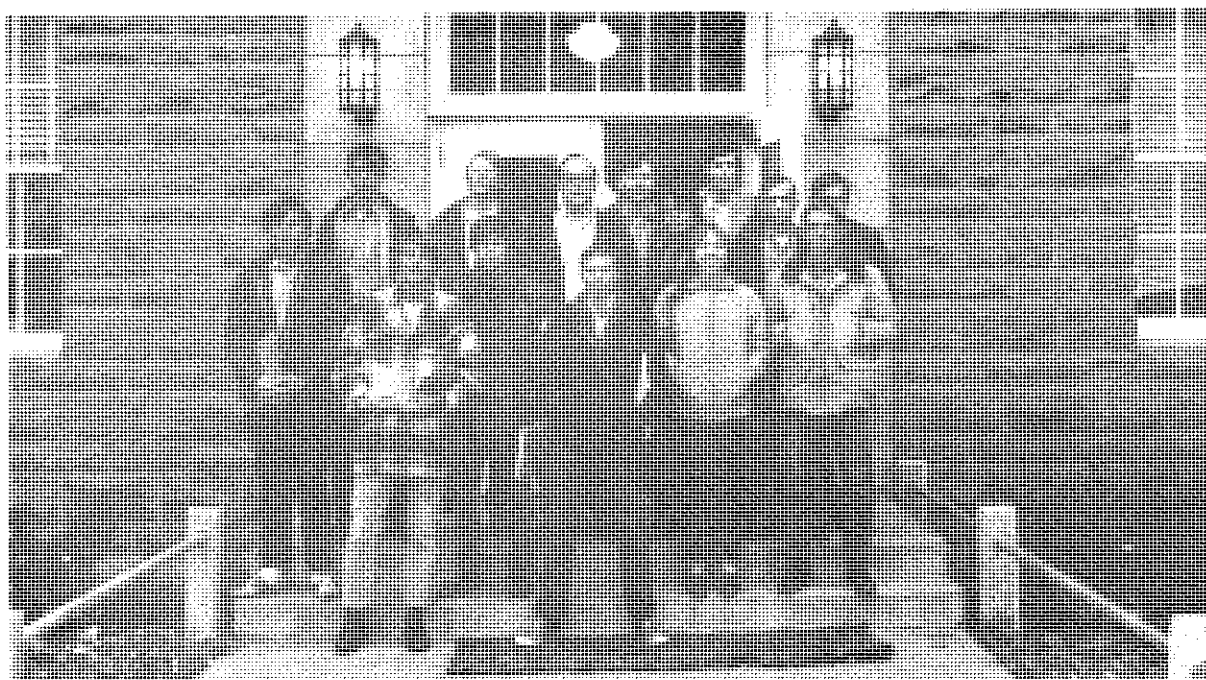
First Row: Abel Hernadez, Jay Pagel, Pat Chihak. Second Row: Warren Grand, Bill Irwin, Lenord Carter.



# Freshmen



First Row: Bob Wenrick, John Black, Ray Sowers, Bob Erickson, Jeff Prevey, Steve Groves, and Greg Walthuis. Second Row: Larry Wheaton, ? , Todd Bosen, Scott Ferguson, Jerry Kralovic, Gary Winter, and Jim Peterson.



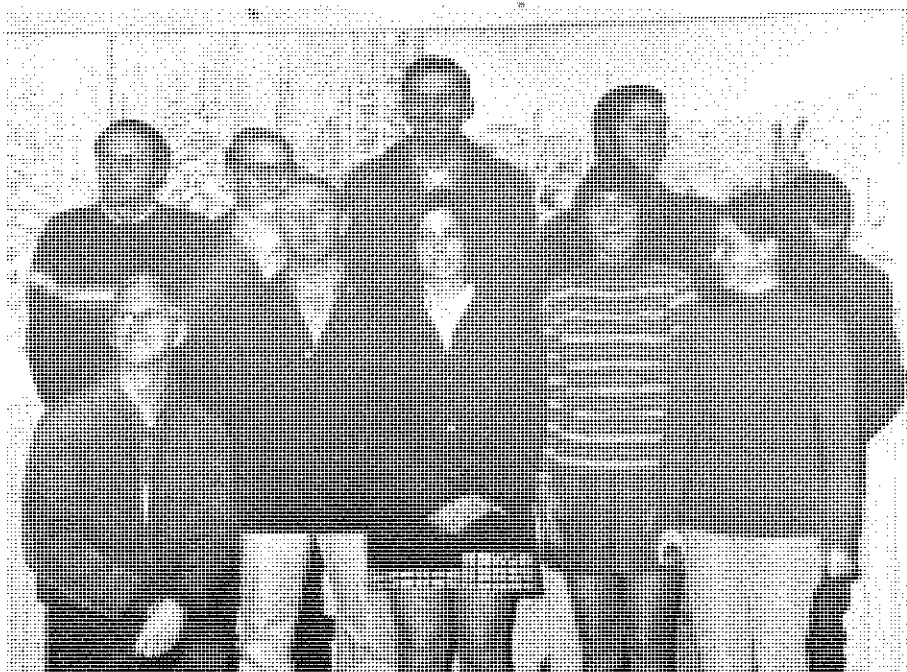
First Row: ? , ? , Jim Benvie, John Mihalka, Kris Bower, and Richard Davis. Second Row: Craig Christman, Ken Stokes, Jim Bramham, Brad Wells, Joe Johnson, Paul Stancheff, ? , and Ed Seright.

# Forestry Wives



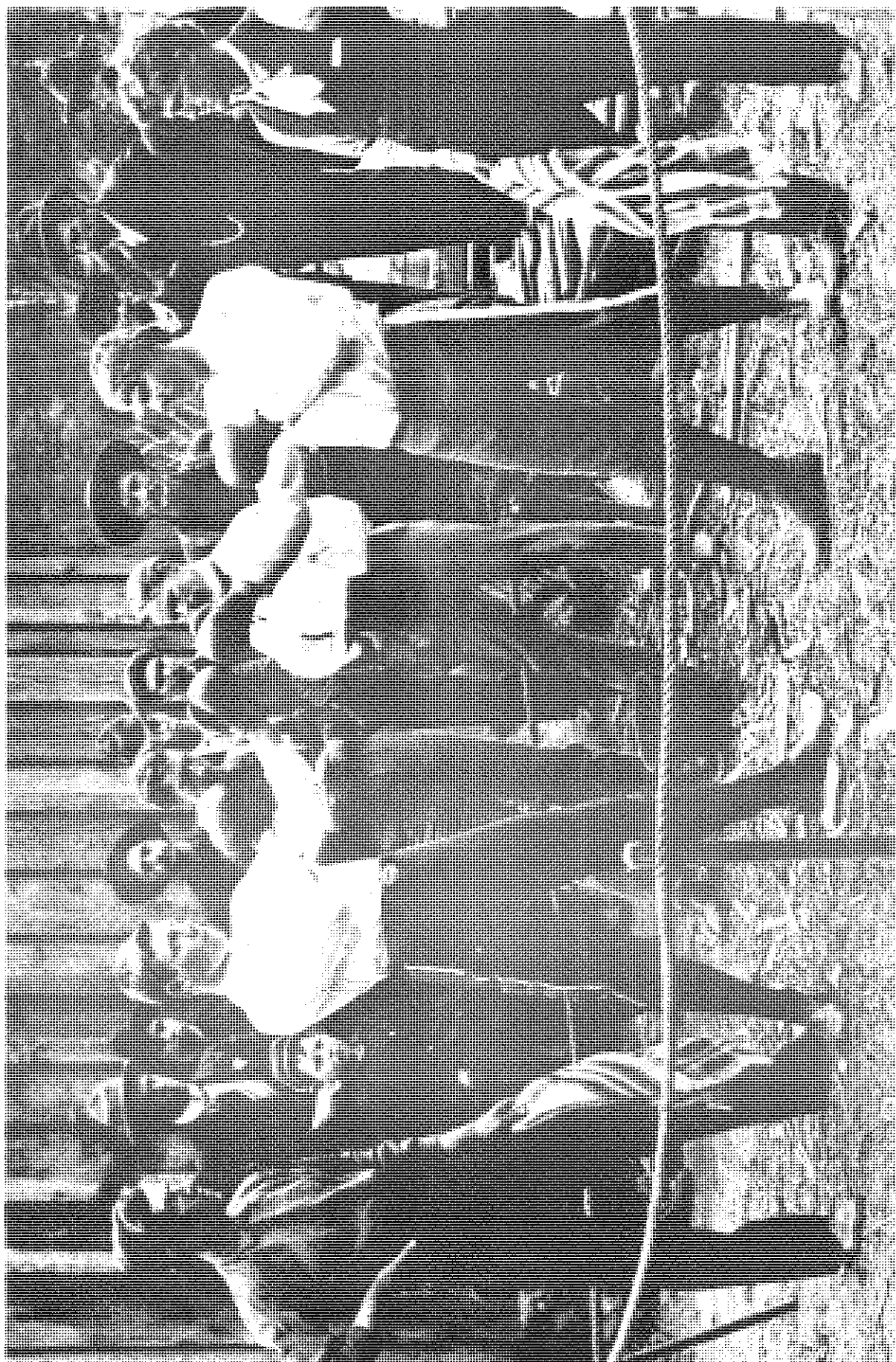
Diane Jacquith, Gene Koppang, Diana See, Carolyn Mitchell, Celeste Scott, Peggy Luers, Kathleen Schultz, Opal Berry, Julie Williams, Hannah Brown, Carole Smith.

# Non-Foresters



First Row: Tom See, Darrell Kelly, Bonnie Wilcoxin, Linda Rees, Karen Canter. Second Row: Bill Irwin, Tim Boss, Mark Schultz, John Parsons, Bill Logan.

# Activities







"Woodcutting?! Scotty told me it was a beer bust!"

# Wood - cutting

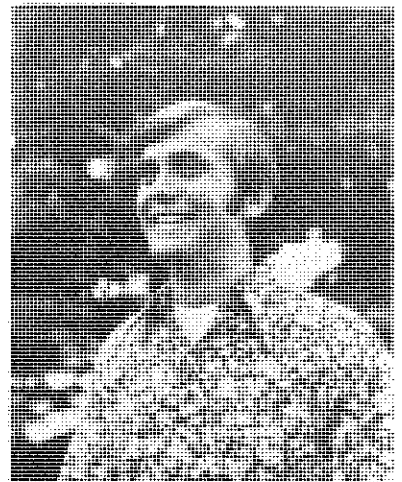
"How come we're doing all the work?"



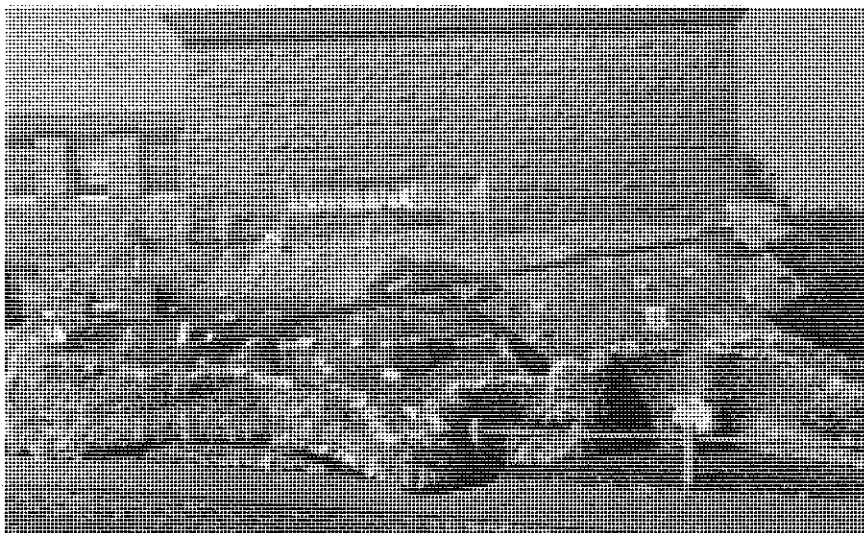
"Where did you say that snag was Don?"



# Homecoming



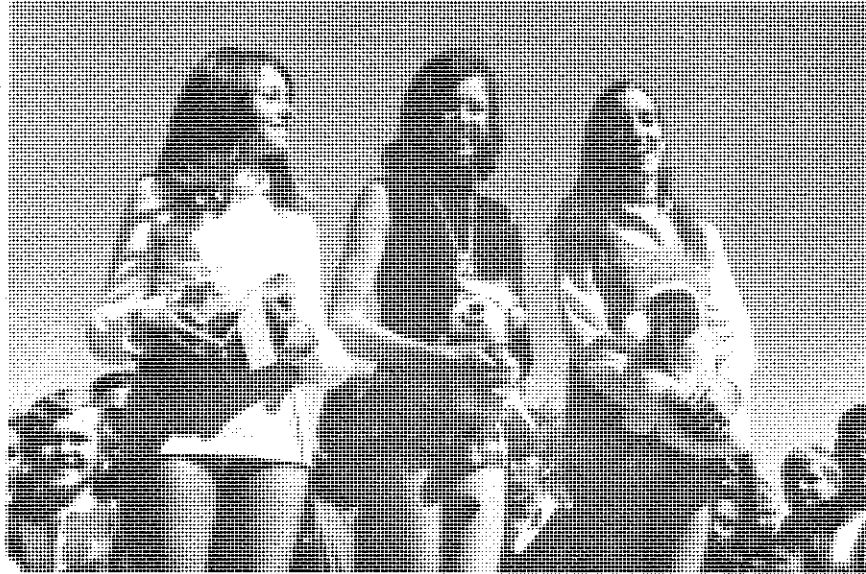
Bonnie Wilcoxin and Steve Price



Homecoming Float



# Forestry Week



The Short Skirt Winners

Now what do we have here?

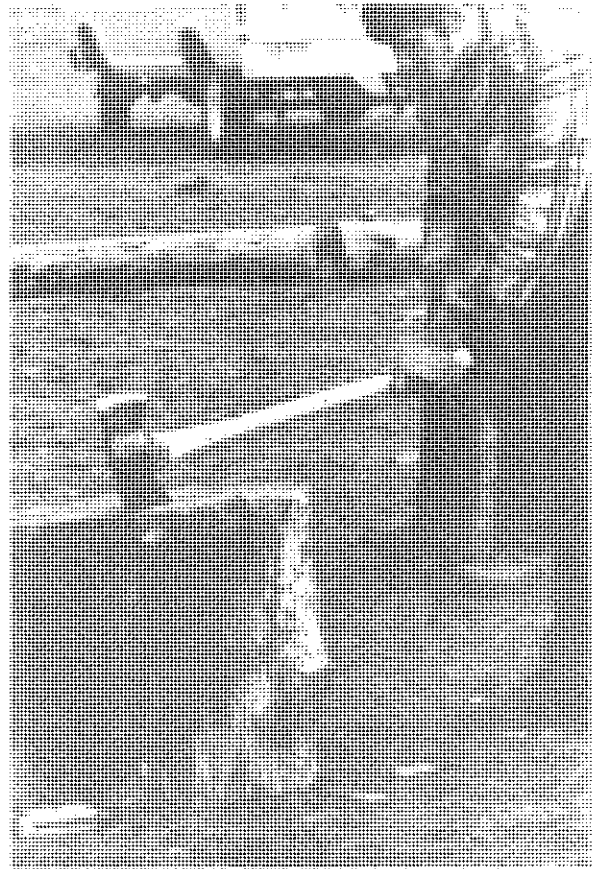


523-47??





Break you \*\*\*\* log.

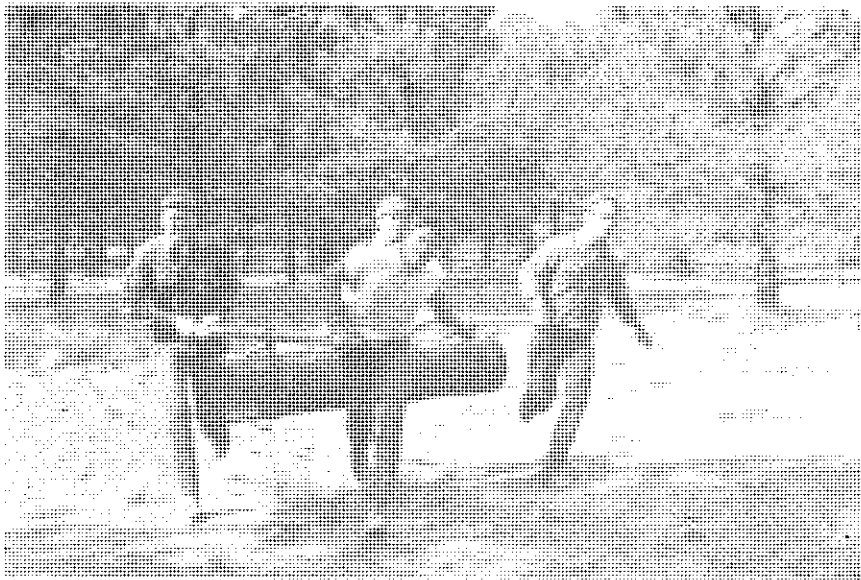


Damn Minor's match sticks.

## Field Day



Aren't these power driven?

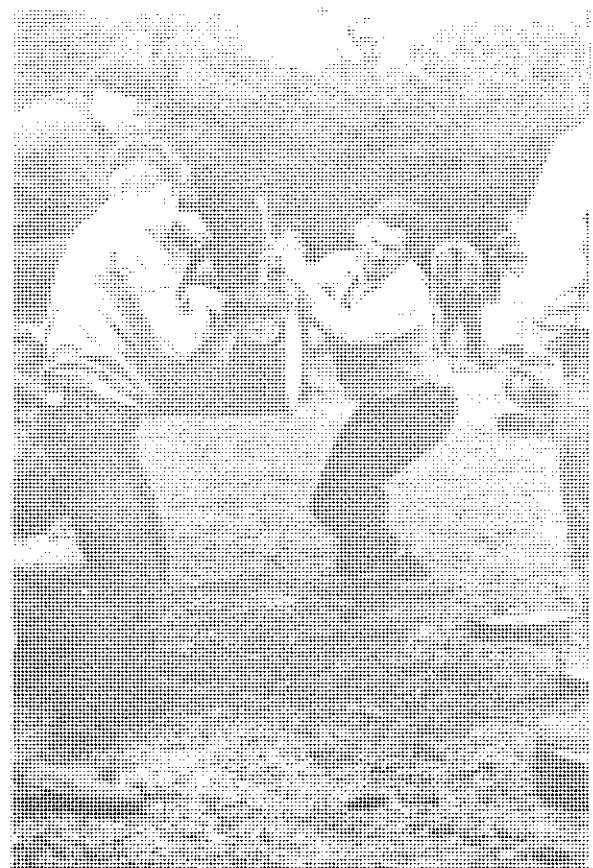


5:32 minutes. Best time!

Gull darn beavers.



Pull, pull, pull





Applequist Award . . . . . Edward Collins  
 Arizona Cedar Rapids  
 Company Award . . . . . Tim Ferrall  
 East Gate Garden Club  
 Scholarship . . . . . Wally Warnke  
 Empire Machinery Co.  
 Scholarship . . . . . Tom Hentz  
 Forestry Club  
 Scholarship . . . . . Bryan Lynch  
 Greenlaw Forestry  
 Scholarship . . . . . Lewis Jump  
 Richard Russell  
 Southwest Forest Indus-  
 tries Scholarship . . . . . Mark LeFevre  
 James F. Greene  
 Ron Mueller  
 Forestry Alumni School  
 Scholarship . . . . . Matt Anderson

# Scholarships And Awards

Fire fighting . . . . . Earl Sutton  
 Match splitting . . . . . Jim Peterson  
 Chain throw . . . . . Susan Varin  
 Kaber throw . . . . . Larry Cometh  
 Speed chopping . . . . . Bob Parcell  
 Axe throw . . . . . Don Ranne  
 Compass course . . . . . Jim Schlup  
 D.B.H. estimation . . . . . Norland Hall  
 Double bucking . . . . . Don Ranne  
 John Parsons  
 Log carry . . . . . Tim Cannon  
 Steve Price  
 Doug Thornburg  
 Ray Weiss  
 Log rolling . . . . . Tim Cannon  
 Steve Price  
 Doug Thornburg  
 Ray Weiss  
 Pulp throw . . . . . Steve Price  
 Doug Thornburg  
 Rich Padilla  
 George Teeling  
 Freshman Bull-of-the-Woods . John Mihalka  
 Ken Stokes  
 All-Around Forester . . . . . Steve Price





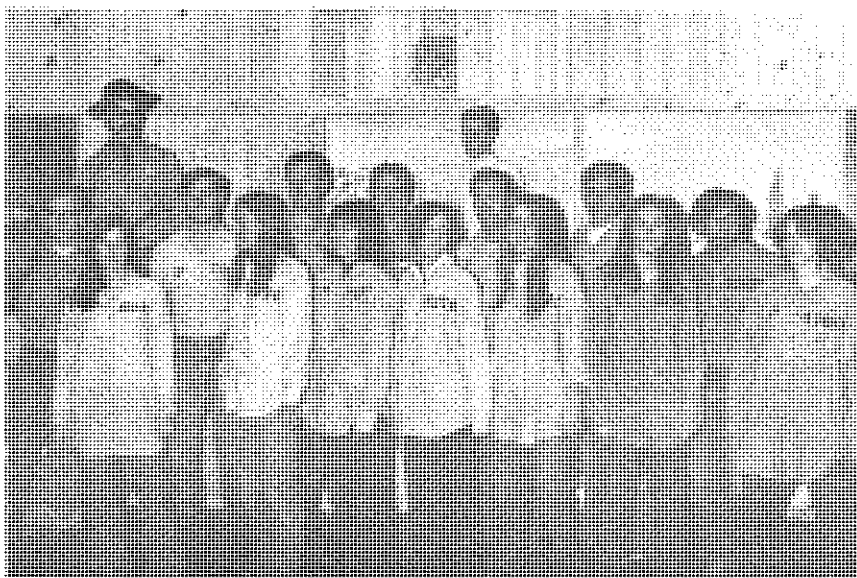


What do you want, an  
egg in your beer.

## Barbecue

## Freshmen

They told me I would learn alot  
in Forestry.



## Songfest





## Christmas Formal

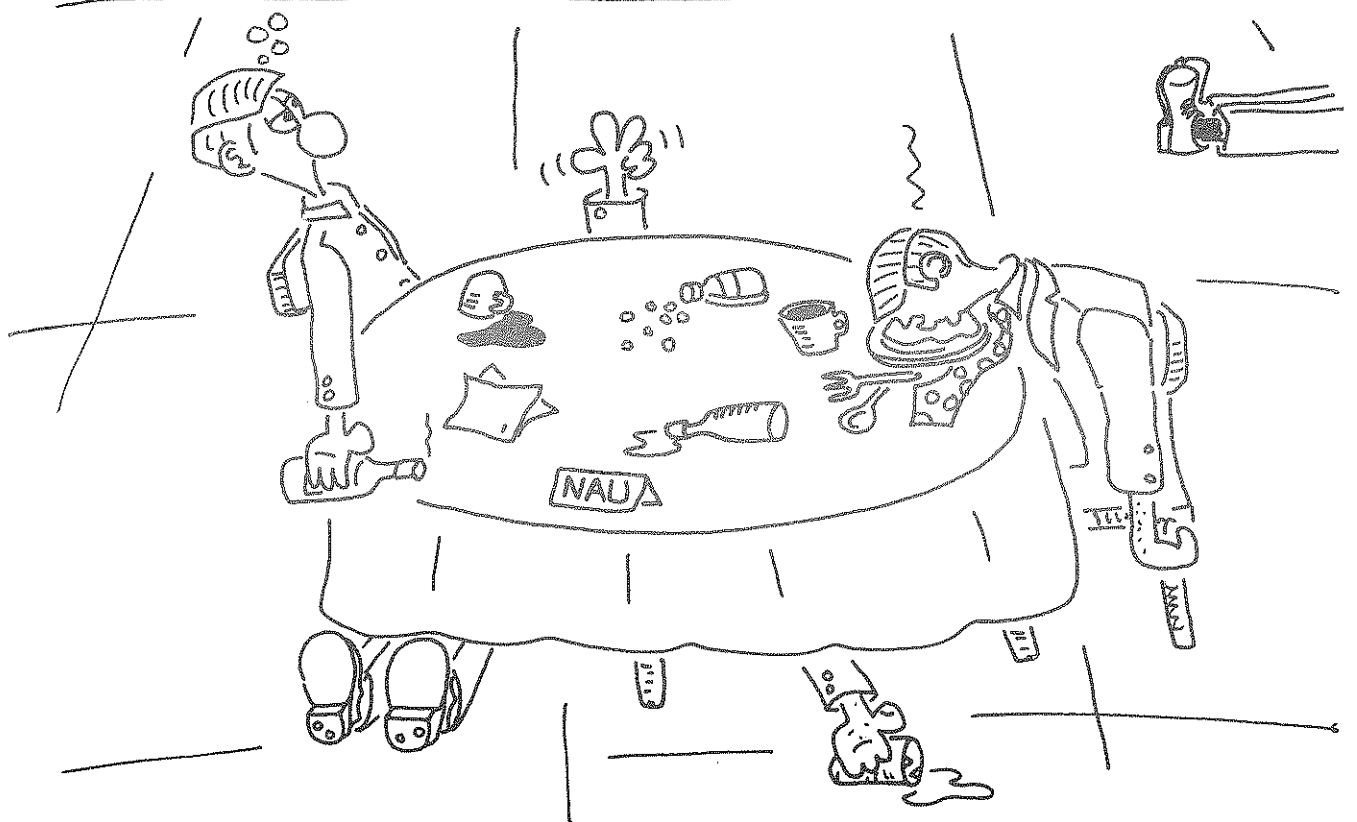
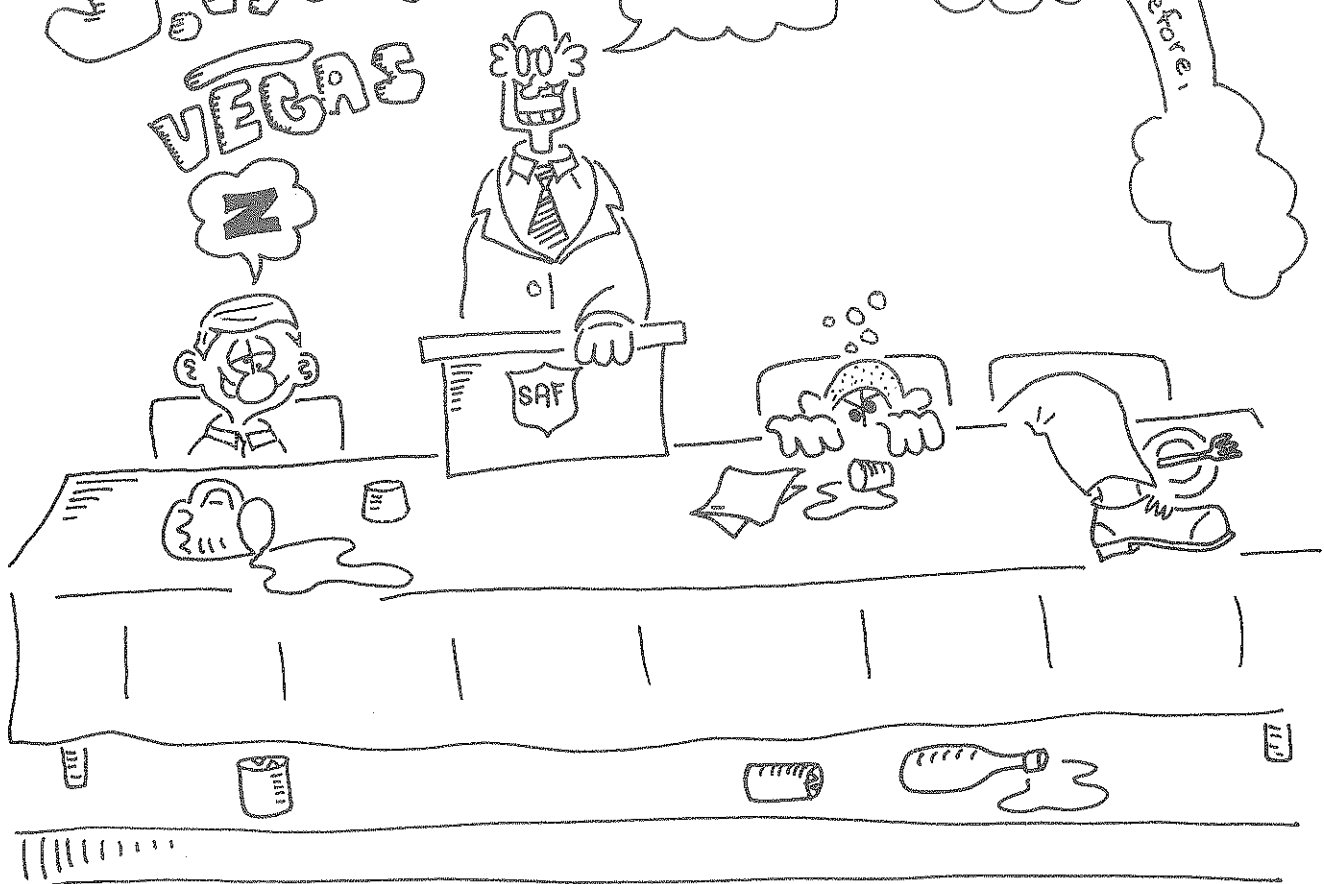


S.A.F.  
VEGAS

Z

and,

therefore,



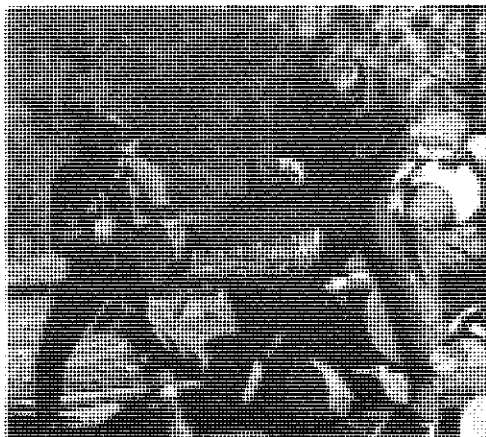
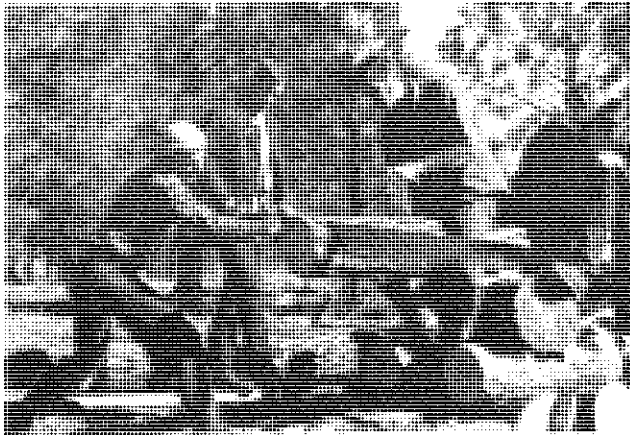


Spring  
Formal  
1970



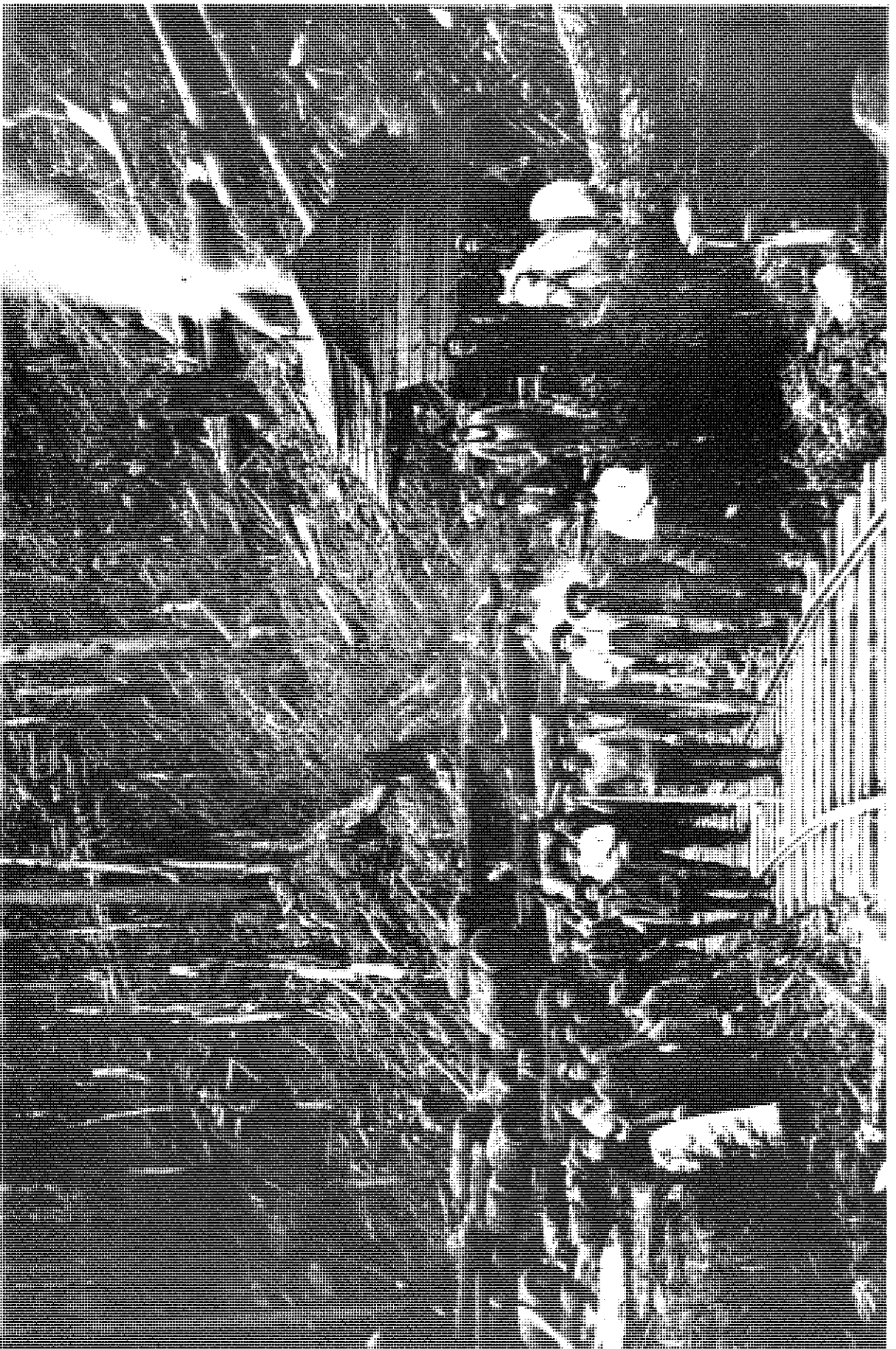
THE CONCLAVE TEAM

Dan Derrick, Leo Keeler, John Mihalka, John Parsons, Don Ranne, Ken Stokes

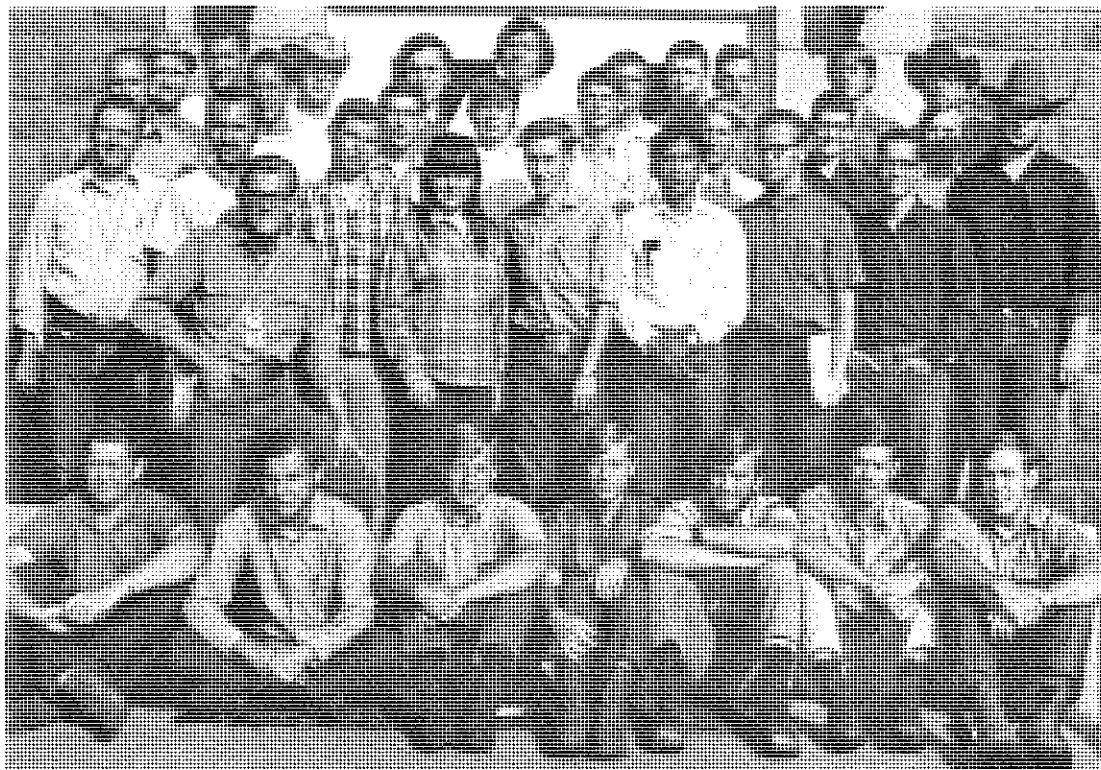




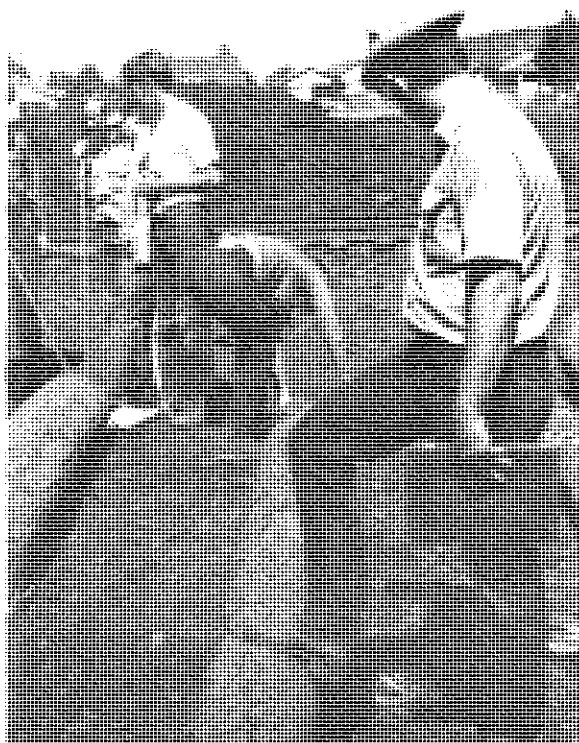
0261 8m D 2m n S  
u m e r







First Row: Jim Piper, Mike Ferland, George Teeling, Brian Lynch, Steve Price, Frank Schmitz, Doug Thornburg, Second Row: Frank Smith, Matt Anderson, John Hollenback, Jerry Longbotham, Wendy Wickizer, Allen Williams, Nel Roanhorse, Leo Keeler, Tom Beddow. Third Row: Jim Freeman, Bruce Holmson, Steve Martinet, Mike Schmitt, Richard Russell, Bob Hethcot, Becky Cooper, Charles Keers, Dave Brown. Fourth Row: Tim Cannon, Don Ranne, Earl Sutton, Dave Neff, Ken Danley, Bob Dye, John Cothrun, Ron Mueller, Mark Hathaway, Bob Abraham.



Ballon logging.

Gee George, you think  
that's right?



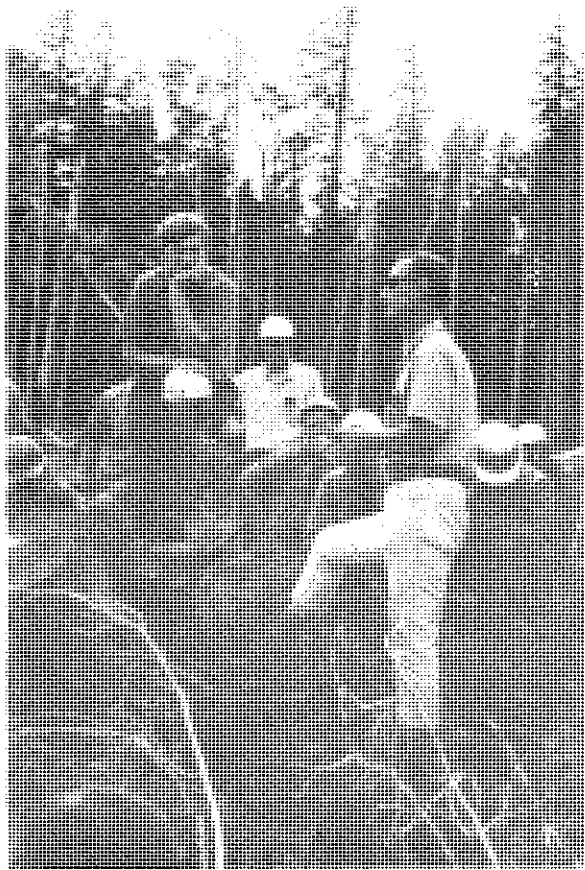
When you make a mistake  
like this you don't tell  
any one!



Abraham, get back on that bus!



Neeeeeeeeeeff!



Bullshit!



It beats Saga sack lunches, but not by much.



Is that you Hollenbeck?

# Summer Camps Of The Past

19



59

Drex Jones, John Chambers, Ron Troutman, Dean Cook, Ron Schureman, Dr. Minor, and Ken Sowles.

1960



First Row: Dr. Applequist, Cary Hull, Elwood Kovui, Doug Smith, John Dunlap, Harold Kuhne, John Meses, Fred Fuchs, ? , Jim Hibbetts, Charlie Scheier. Second Row: Bob Wagenfehr, Steve Healy, Larry Schmidt, Dr. Minor, Kent Bingham, Morris Whitney, Gordon Bentley.



19



61

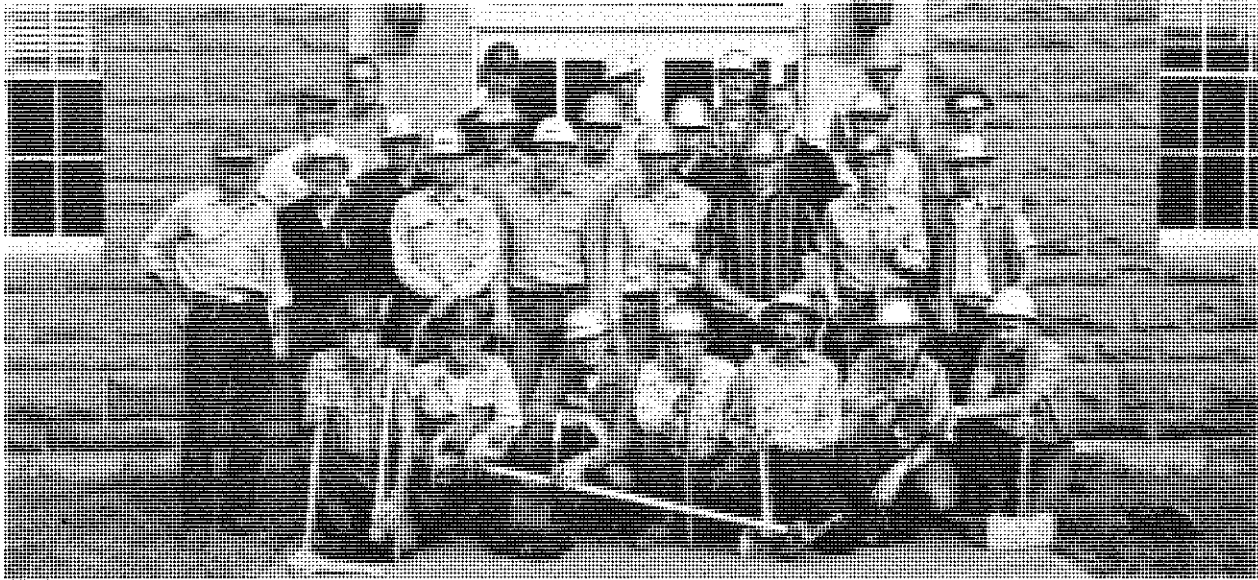
First Row: Wayne Jenkins, Larry White, Ken Proctor, Joe Chirella, Don Van Driel, Jack Heidt, Don Richards, Dewayne Morgan, Dave Custer, John Drake. Second Row: Jimmy Dodds, Jim Inhelder, Dick Tucker, Frank Bratcher, Elwood Miller, Don Lemons, Viith Runyon, Walt Scott, Jack Wade, John Hayden. Third Row: Dr. Minor, Vic Tate, Phil Lobeck. Fourth Row: Dr. Applequist, John McClatchey, Dave Schmidt, Dave Reinhold, Dexter Gill, Jerry Piles, Dennis Maker, George Moyers.

1962



First Row: J. Mattox, Mark Kalin, Jim Sherman, Don Wieland, Gary Wittman, Jack Tucker, Jesse Dingman, Joe Wheeler, Paul Dodds, Jim David. Second Row: Dexter Gill, Bob Hursey, Hall Ashcroft, Keith Crummer, Dave McHally, Bob Jacob, Ken Broyles, Dick Discener, John Eager, Ken Neamann, Dr. Minor, Dr. Thompson. Third Row: Carl Keepf, John Smith, Bob Joslin, Don McNane, Jim Malcom, Mike Harris.

# 1963



First Row: Bill Russell, Dave Clark, Joe Wagenfehr, Joel Thalheimer, Yagya Sharma, Charlie Wicklund, Badger Coffman. Second Row: Dr. Applequist, Jim Mattox, John Anderson, Jim Matson, Jim Derrick, Dan Angello, Rusty Rhea, Don Reimer. Third Row: Dr. Minor, Gane Storg, Bob Sufer, Jim Armstrong, Carl McClan, Bob Redding, Tom Zacharczyk. Fourth Row: Dr. Thompson, Doug Shaugh, Claude Coffin, Jay Niebur, Bob Irvine.

# 1964



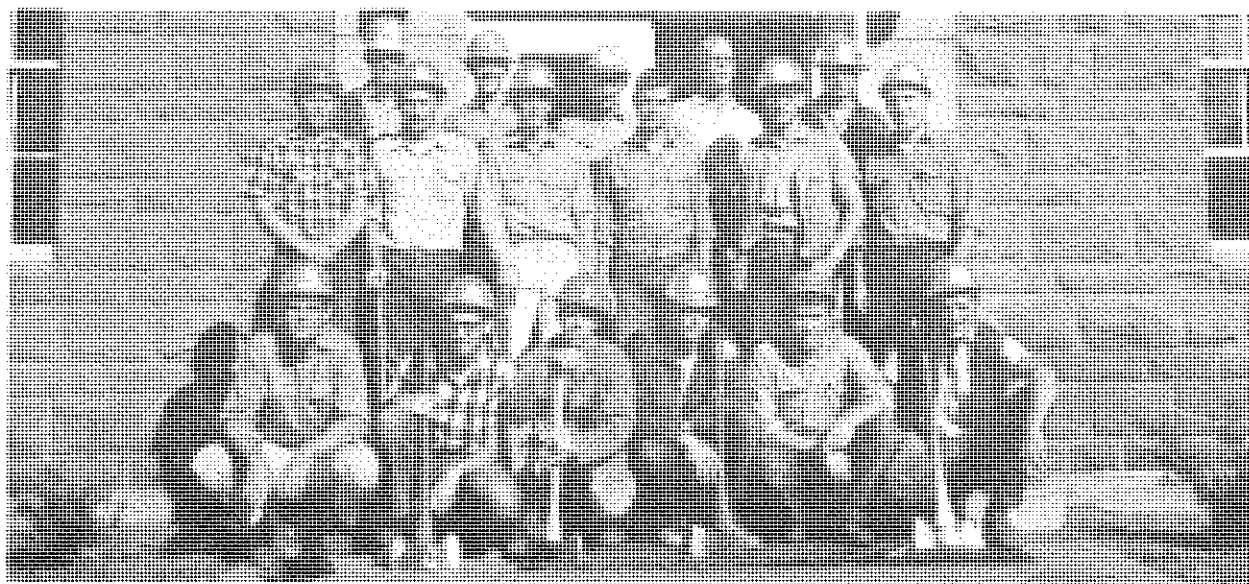
First Row: Kirk Whittemore, Fred Larson, Jerry Hibbetts, Jim Swatzell, Bob Patterson, Brian Power, Martin Wauson, Charles Basan, Richard Harris. Second Row: Ken Voget, Duane Kent, Mike Hart, Jim Fisher, Ed Hiscox, John Plumlee, Jim Hamm, Richard Warren. Third Row: Edgar Williams, Dennis Fox, Bill Emerick, Jim Hammond, John Kirkpatrick, Charlie Denton, Dennis Campbell. Fourth Row: Jim Waters, Ken Vensel, Bruce Montray, Darrell Jordan, John Fitzpatrick, Bob Gregory, Jim Webb, Norland Hall, Jerry Powell, Ray Powers.

# 1965



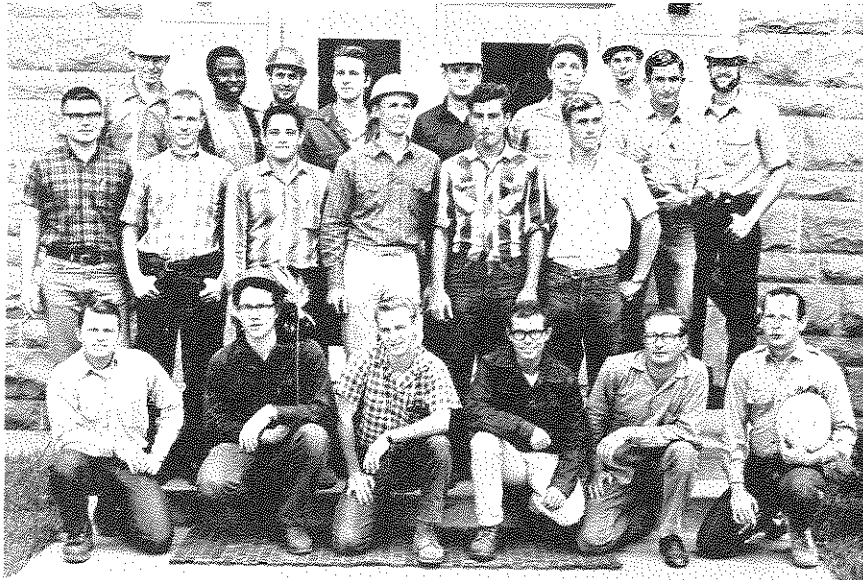
First Row: Mike Dombkowski, "Windy" Windward, Jim Arthur, Larry Pyke, Terry Sloan, Don McLennan, Dwight Chambers, Ralph Brown. Second Row: Burt Emmons, Bob Armstrong, Glen Gray, Dick Prather, Carl Haywood, Cary Price, Paul Malmer, Steve Makowski. Third and Fourth Rows: Jake Jacobson, Jerry Walker, Roger Bergmeier, Larry Evans, Ed Applequist, Tom Crater, Larry Blackman, Chuck Bryant, Mike Mount, Bob Casey, Jim McCann, Jim Griffin.

# 1966



First Row: Dick Parisek, George Duda, Roger Hazelwood, Hank Molz, Ken Butler, Ray Polosky. Second Row: Barrie Freeman, Gary Hadlock, John Wagner, Tom DeSpain, Jeff Swussel, Stewart Pequignot. Third Row: Mike Riffle, Larry Miller, Ron Babcock, Joe Barvinchak, Richard Davis.

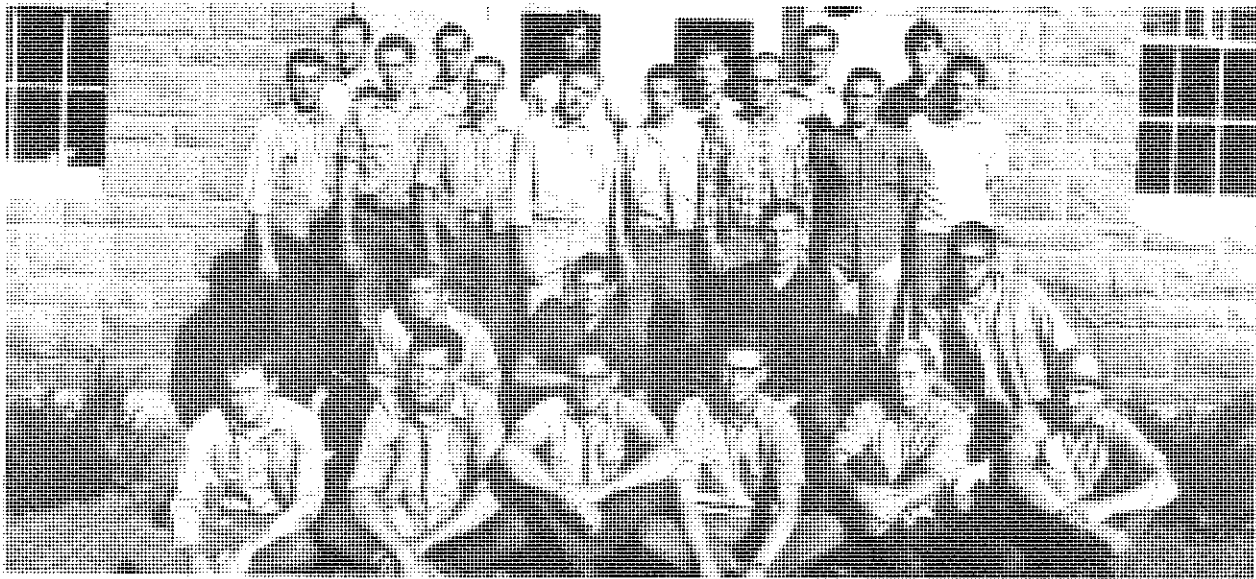
19



67

First Row: Lyle Fox, Rod Byers, Bill Zufelt, Vern Richardson, Jake Ritter, Bill Cowan. Second Row: Steve Sayers, Jim Curry, Ed Richards, Lee Alford, Doug Wickizer, Wayne Vinyard, Bill Grapler. Third Row: Gary Blackwell, Oluwarde Awe, Richard Tornay, Eric Guenther, Ron Newman, Joe Wehrman, Mike Jacquith, Bruce Mitchell.

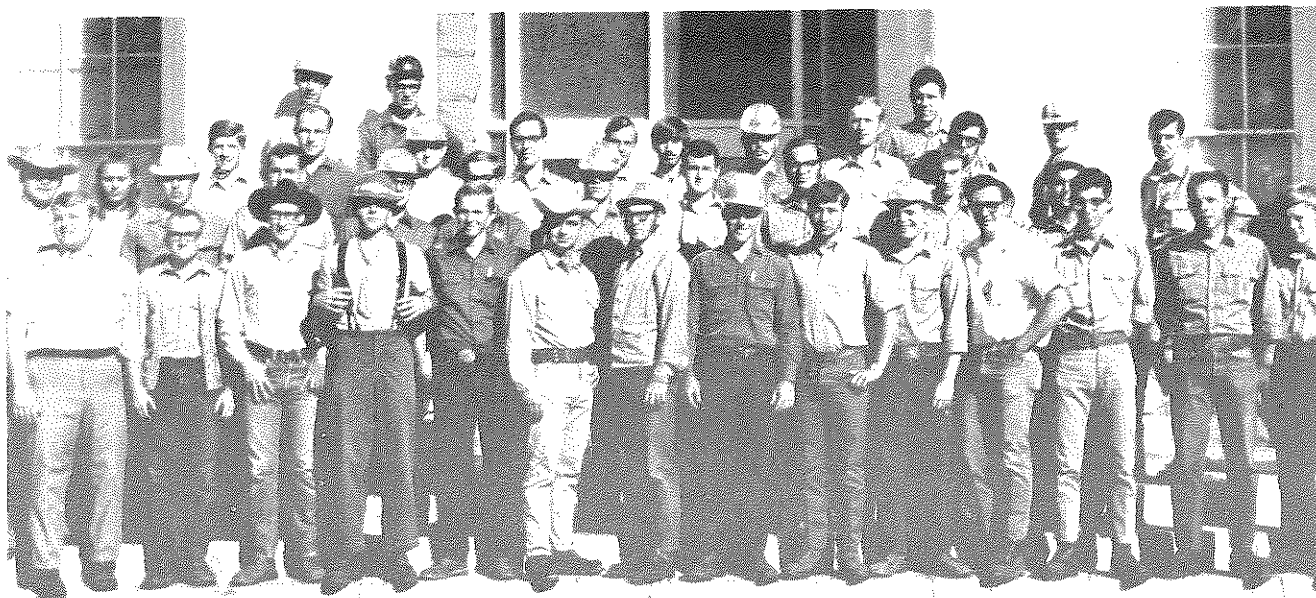
1968



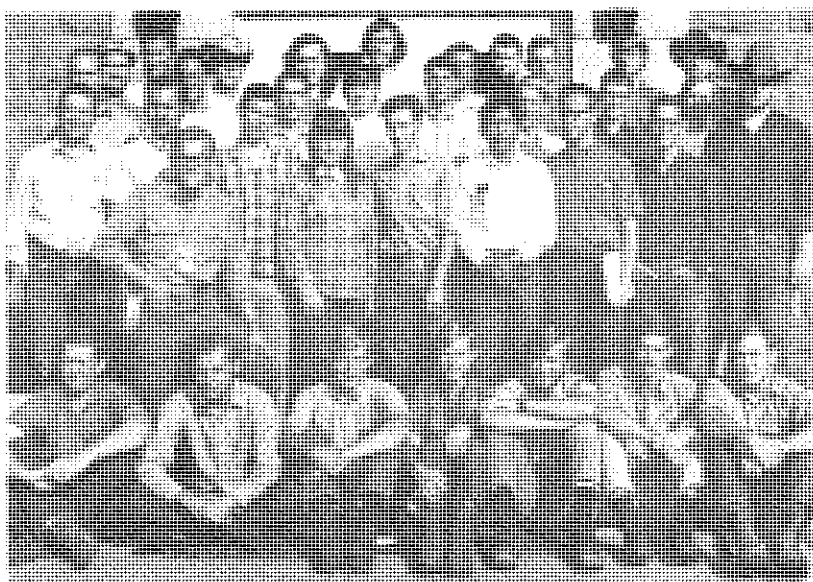
First Row: Dave Hommel, John Wehrman, Jim Ercer, Dan Young, Leo Barabe, Jan Jensen. Second Row: Perry Robinson, Bob Casteneda, Pat Harrison, Mark Applequist. Third Row: Steve Dondalski, Art York, Eric Lindroth, Bill Curtis, Mike Winters, Len Brooks, Ron Tolles, Dave Behrens, Randy Swedlund, Maruice Mitchell, Jim Mehrwein, Tom Grenfell, Clyde Thompson, Johnathan Mitchell.



# 1969



First Row: Stan Samuels, Bob Withrow, Alva Jones, Dave Furrey, Dan Derrick, Richard Harris, Jim Schaller, John Conrad, Ralph Barela, Jim Greene, Jim Scott, Tom Hentz, Lewis Jump, Dave Wray. Second Row: Jerry Lopeman, Sue Varin, Fernando Abeita, Bill Stafford, Orlando Gonzales, Rich Edwards, Doug Hardy, Paul Tidwell, Ted Tatham, Jerry Teachenor, Bill Welton. Third Row: Ed Collins, Don Scarbrough, Joe Demuth, Bob McPhillips, Bill Bishop, Jim Schaller, Bob Beckman, Mike Reuber, Lee Newman, Will Williams, and Mike Luers. Fourth Row: Phil Settles, Don Scantling, Jim Schlup.



# 19

# 70

First Row: Jim Piper, Mike Ferland, George Teeling, Brian Lynch, Steve Price, Frank Schmitz, Doug Thornburg. Second Row: Frank Smith, Matt Anderson, John Hollenback, Jerry Longbotham, Wendy Wickizer, Allen Williams, Nel Roanhorse, Leo Keeler, Tom Beddow. Third Row: Jim Freeman, Bruce Holmson, Steve Martinet, Mike Schmitt, Richard Russell, Bob Hethcot, Becky Cooper, Charles Keers, Dave Brown. Fourth Row: Tim Cannon, Don Ranne, Errol Sutton, Dave Neff, Den Danley, Bob Dye, John Cothrun, Ron Mueller, Mark Hathaway, Bob Abraham.

# New Curriculum

## Ends An Era

In September, 1971, all undergraduates majoring in forestry at Northern Arizona University will enroll in a fully integrated curriculum for three semesters, beginning in their junior year. After successfully obtaining a basic science-math background in the first two years, the student enters the Forestry School. During the three semesters of integrated forestry education he takes no course work outside the forestry school. We feel this will give us a great deal of flexibility in scheduling both classroom and field exercises. Different courses will no longer compete for the student's time. If we wish to schedule a field trip with an overnight stay we may do so. When an examination is given or a paper assigned, it will be the only assignment scheduled for the forestry student so the responsibility for adequate preparation will be his.

In the first semester of the junior year, the student will learn the basic skills needed for field work. He will learn plant identification, ecological principles, growth characteristics, use of forestry tools, and inventory methods.

In the second semester, the student will be taught management concepts by detailed analysis of case studies. Separate case studies will describe the management of an industrial forestry operation, a state park, a ranching operation utilizing both private and public land, and a national forest.

In the third semester, the student must apply his knowledge. A large area near the campus has been selected for him to manage. He must gather inventory data regarding existing resources and uses and write a management plan. Representatives of interest groups will be invited to add their views to the input into the management process. If representation from significant segments of the public are not available, it will be furnished by role playing. However, our hope is that if groups interested in natural resource management are furnished with a map and a description of the present management of the area, they will wish to visit the school and tell these future foresters how they would like to see the area managed, why they feel as they do, and perhaps the action they will take if management is not correct. We know this will be beneficial to the students and it may even be educational to the visitors. At the very least, it will provide them an opportunity to communicate with young men and women who will soon be natural resource managers.

A. Jay Schultz

William P. Thompson



This tree has been attacked  
by Junglus jimmeii, son.



Do you know what she did?

## Minor's Little Raiders



If he kissed you  
once, would he kiss  
you again.



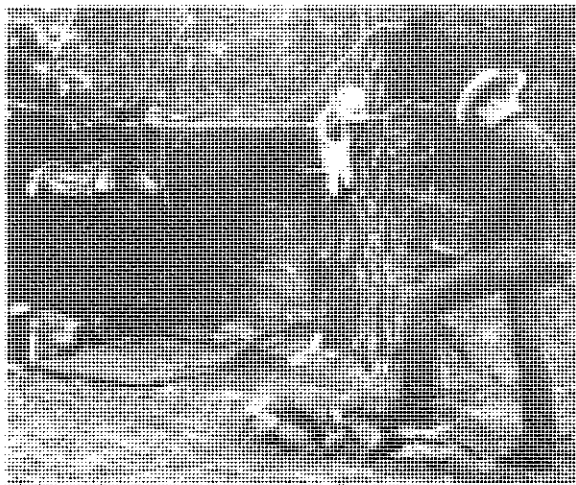
Cold hands, hot pants.



Where's the little  
girl's tree?



"Is this a high enough stump?"



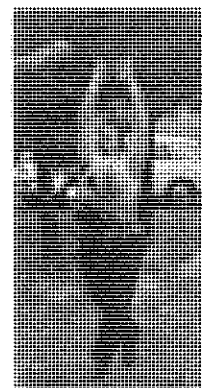
This is how it's done in the West.



Aw, come on, Minor won't say anything.

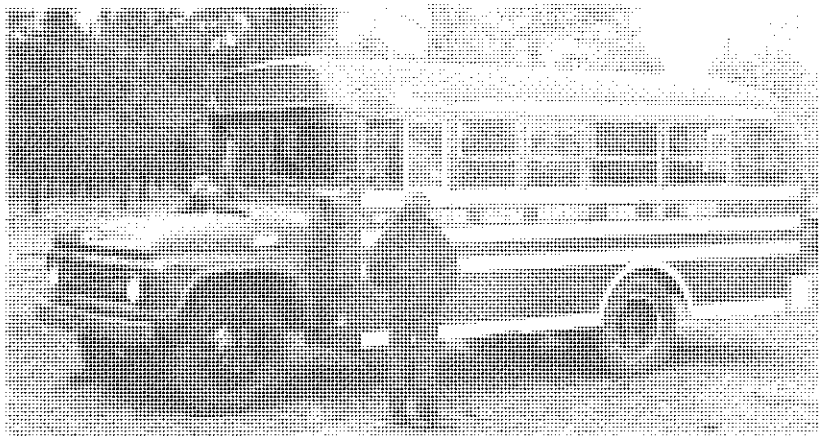


Policy is my favorite class!



"Becky I'm yours!"

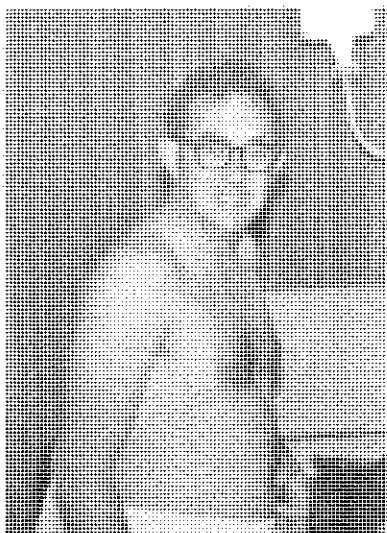




I'm not going if Ranne is driving!



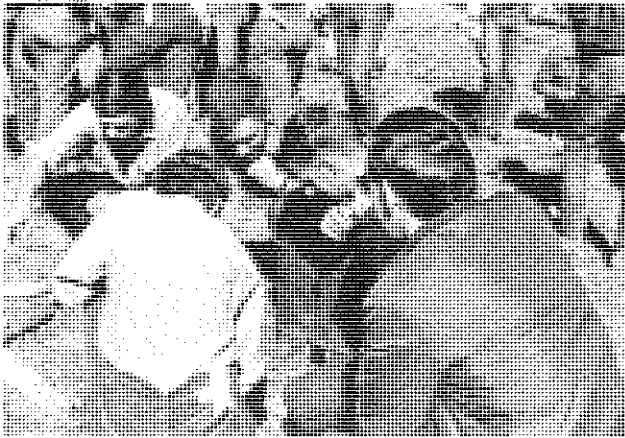
"... about my daughter and  
your honorable inten-  
tions..."



"My wife wouldn't tell  
me the combination to  
this chasity belt."



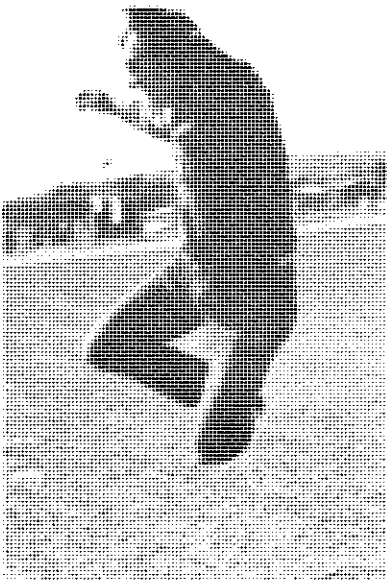
Yup, yup, yup



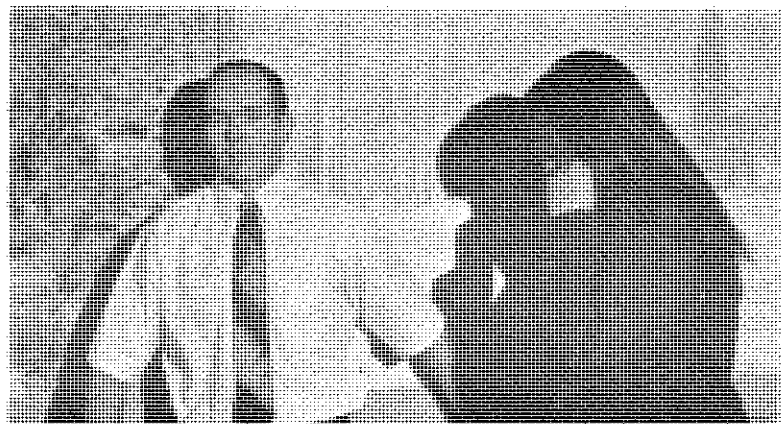
Becky it's your turn to roll.



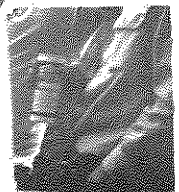
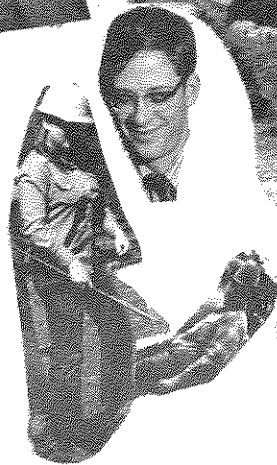
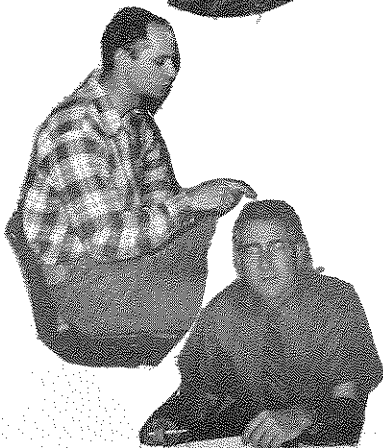
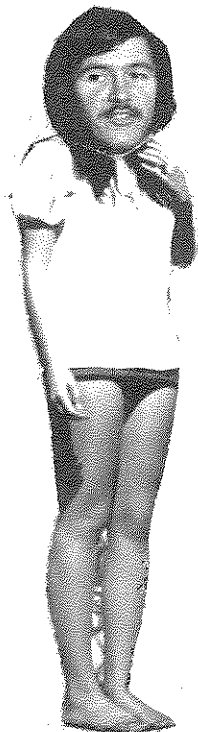
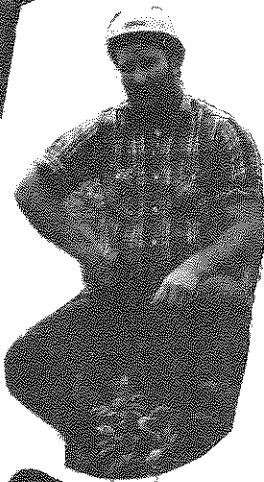
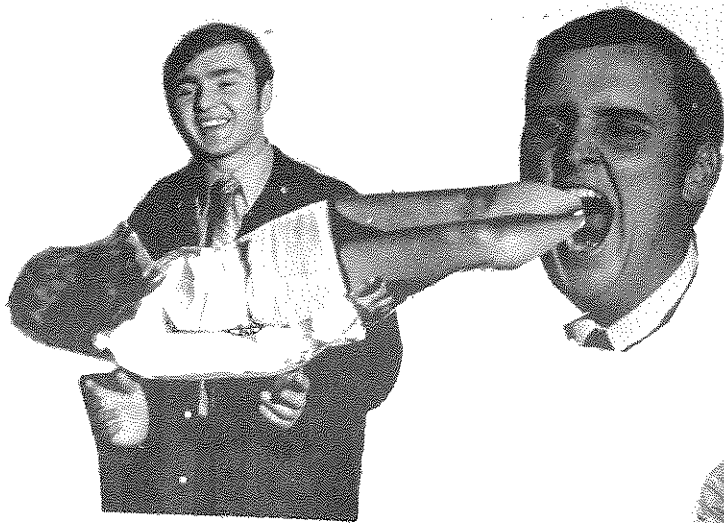
SUPER TREE



I haven't kicked the borrowing habit.



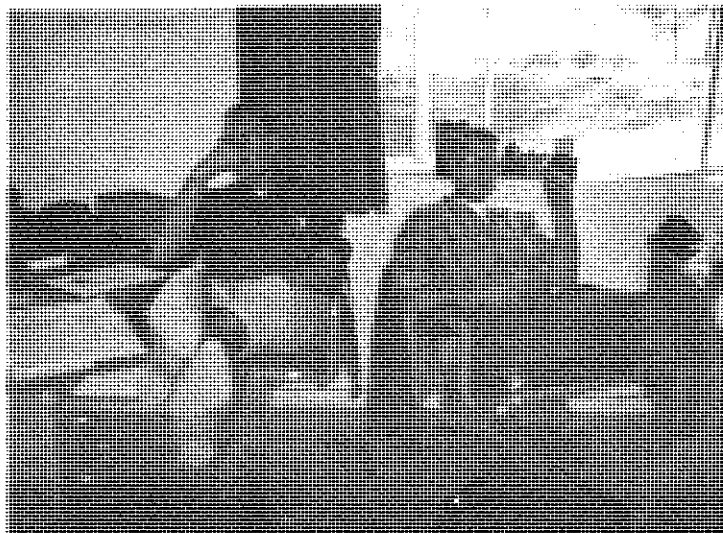
Jim, I'm pregnant.



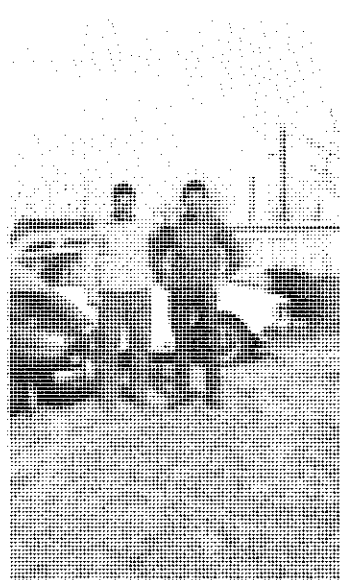
# Alumni



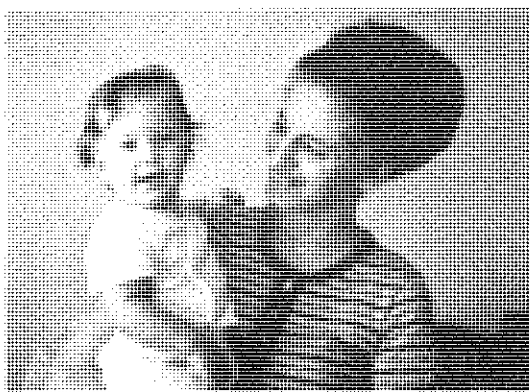




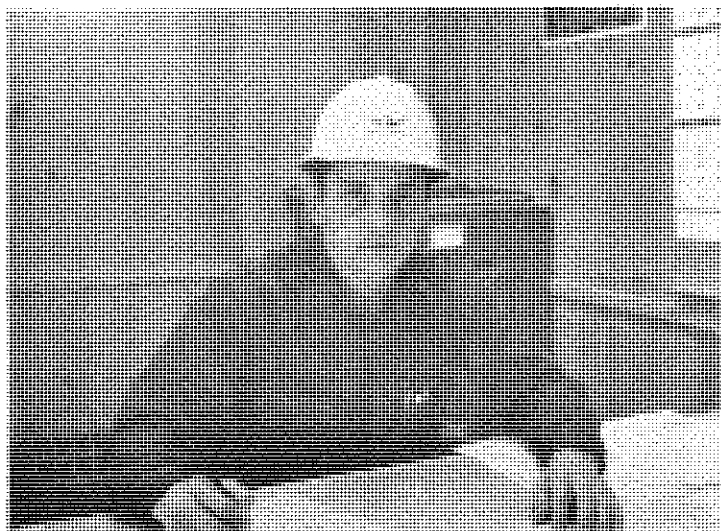
John Smith and Bruce DeVault



Steve Windward and  
Mike Dombkowski



Edward Richards



JIM ARTHUR, P.O. Box 253, Fort Wingate, New Mexico. Jim works for the Forest Service on the Gallup Ranger District. He lists his jobs as assistant ranger: timber, fire, recreation, land uses and janitor. He is not married.

RONALD L. BABCOCK, Army address: 1st Lt. Ronald L. Babcock 587668585, B Troop 7th 1st ACS, APO San Francisco, California 96357; Home address: 6642 E. Broadway, Tuscon, Arizona 85710. Ron is a helicopter pilot in the Army.

DAVID G. BEHRENS, P.O. Box 220, Heber City, Utah 84032. David works for the Utah Department of National Resources, Forestry and Fire Control, where he is Area Forester in charge of CFM, CM-2, and state lands. He is married and has one child, Michael.

GARRY E. BLACKWELL, P.O. Box 455, Magdalena, New Mexico 87825. Garry is employed by the New Mexico Department of State Forestry where he is in charge of fire protection on state and private land. He is married and the Blackwells' are expecting in May.

JERRY L. BORTLE, 2745 Dewey, Apt. 6, Norwan, Oklahoma 73069. Jerry works for the city of Chickasha where he is manager of data processing center. He is married but has no children.

MICHAEL S. COFFMAN, Route 1, Box 38, 1617 Anthony, Hancoc, Michigan. Mike teaches silviculture at Michigan Technological University. The Coffmans' have two children, Johnathan and Tommy. "Glad to get out of school and start supporting the government."

TOM CRATER, 404 Arizona, Lufkin, Texas 75901. Tom works for the Texas Forest Service as assistant district forester. Tom is married and has two littel girls, Julie (3) and Melinda (1 1/2). Tom and Ed Applequist share the same of-fice and practically the same desk.

JAMES CURRY, 516 W. Cherry, Flagstaff, Arizona 86001. Jim is single and is working at Southwest Forest Industries as a finishing and shipping foreman.

PAUL F. DODDS, 19431 S. Leland Road, Oregon City, Oregon 97045. Paul is married and has two children, Jon and Aaron. He works for the U.S. Department of Defense where he is Standardization and Cataloging Project Officer for all wood products used by the U.S. Military Services. "It is great to be back West. The first fish we caught was a 17" Rainbow Trout. We now live in the country with 1 1/2 acres and welcome all visitors."

MIKE DOMBKOWSKI, 16100 S. Golden Road, Golden, Colorado 80401. Mike works for Fenwish Engineering where he is a rod-chain man, instrument man, and draftsman. Mike is no longer married.

FRED A. FUCHS, 1208 San Felipe Ave., Santa Fe, New Mexico 85501. Fred is employed by the New Mexico Department of State Forestry where he is chief of fire control. Fred and Ethyl have two kids, Fred Jr. (8) and Danielle (4). Ethyl is teaching 3rd grade and Fred has received his instrument and multi-engine rating in aviation and his commercial add instructors ratings in helicopters.

JAMES F. GREENE, P.O. Box 4523, Asher Station, Little Roack, Arkansas 72204. Jim is employed by the Arkansas Forestry Commission with public relations. Jim and Patsy have no children.

R.W. GREGORY, 2747 Terry Ave., Longview, Washington 98632. Bob is married and has two children. He works for Weyerhaeuser as a sawmill superintendent and says, "Still trying to catch the limit of Steelhead and/or Salmon. We have finally gotten use to the wet weather here. Those days that the sun does break through are beautiful."

ERNEST E. GUENTHER, 3761 March Pl., Tucson, Arizona. Eric works as a finish, carpenter and mason's helper and general laborer for the Galloway Construction Company. He is not married.

J.W. HAMMOND, P.O. Box 174, Custer, South Dakota.

RICHARD M. HARRIS, 206 E. Yaney, Bishop, California 93514. Richard works for the U.S.F.S. on the Inyo National Forest where he is with the lands and fire control office. Duane and Keith are their two sons.

JERRY HIBBETTS, P.O. Box 484, Canjilow, New Mexico. Jerry is married, but has no dependents as yet. He works for the U.S.F.S. as timber and Recreation manager on the Stadsen District. Jerry says "the Carson National Forest and the Conino National Forest are not related."

GARY HULL, 7708 McKnight, N.E., Albuquerque, New Mexico. Gary works for the Soil Conservation Service where he is a forester. Beginning in January of 1971, he will be working for Colorado as well as New Mexico. The Hulls' have twin girls, Karen and Sharon.

ROBERT A. HURSEY, 965 Crescent Way, Arcata, California 95521. Bob is assistant Professor of Natural Resources, Humboldt State College, Arcata, California. The Hurseys' have three little girls, Andrea, Barbara, and Cathrine. "Any one interested in the M.S. program in the Natural Resource field, contact Bob."

ROBERT JOSLIN, P.O. Box 4061, Sheridan, Wyoming 82801. Robert is married and has three children, Dan, Marcie, and Greg. He works for the Forest Service on the Tongue Ranger District as Range Conservationist. Bob still hopes to get back to visit NAU and see how things have changed. Many of the School of Forestry graduates have been by to visit the Joslins'.

LEWIS H. JUMP, General Deliver, Magdalena, New Mexico. Mr. Jump is assistant district forester with New Mexico State Forestry. The Jumps' have two kids, Glen and Valerie.

MARK KALIN, 7520 N. 16th Lane, Phoenix, Arizona 85021. Mark is now married, but still studying for his MBA at the University of New Mexico at Albuquerque.

DUANE KENT, P.O. Box D, Payson, Arizona 85541. Duane is employed by the Kaibab Industries where he is Division Manager at the Payson sawmill. Duane is married but does not say if he has any kids. "After being born and raised in New York, I would like to say I am most happy."

JERALD R. LOPEMAN, P.O. Box 783, Springerville, Arizona. Jerry is employed by the U.S.F.S. on the Black River District where he is in timber management. Holly Ann is the Lopemans' little girl.

MAURICE E. MITCHELL, 422 N. Leroux, Flagstaff, Arizona 86001. Maurice is working on his masters at NAU. Ronald, Vicki, and Glenda are their children.

MICHAEL H. MOUNT, Route 2, Box 900, Flagstaff, Arizona 86001. Mike works for the Rocky Mountain Forest and Range Experimental Station here in Flagstaff, where he is in Timber Management Research. Mike is married and has two daughters and one son: Sherry, Jennifer, and Shawn.

RAYMOND J. POLOSKY, P.O. Box 277, Capitan, New Mexico 88316. Ray works for the New Mexico Department of State Forestry where he is district forester on the Capitan District. He is married and has one daughter, Heather Ann and they are expecting another in April.

BRIAN L. POWER, 114 Brush, Prescott, Arizona. Brian is employed by the U.S.F.S. on the Prescott National Forest, where he is on the district timber staff. Brian and Judy have one son, Brian Scott.

RICHARD PRATHER, 1143 N. 7th Ave., Tucson, Arizona 85705. Richard is a graduate student in watershed management at the University of Arizona.

CARY J. PRICE, P.O. Box 87, Nice, California 95464. Cary is district timber sale preparation officer on the Mendocino National Forest. He is married and has two children, James and Susan. Cary is planning to visit NAU if the fire season lets him.

EDWARD S. RICHARDS, P.O. Box 1256, Navajo, New Mexico 87328. Ed works for the Navajo Forest Products Industries where he is a logging engineer. He is married and has two children, Derek (6) and Debra (1). "I've just completed a 6-month particleboard training course at Washington State University. Now I'm waiting for the plant to be built here, if at all."

KEITH RUNYON, 6041 S. Marchall Dr., Littleton, Colorado 80123. Keith is employed by Kaibab Industries as area manager. He is married and has two children, Kevin and Shannon.

STANLEY R. SAMUELS, 312 N. Wayne, Pampa, Texas 79065. Stan is married, but has no children.

STEVE J. SAYERS, Vietnam Address: Spec. Steve Sayers 352360274, Co. A, 2nd Bn., 5th Co., San Francisco, California 96490; Home Address: 817 Jay St., Elgin, Illinois 60120. Steve is still single and still in the Army. He was drafted January 20, 1970, and was sent to Vietnam in June of 1970.

B. "LITTLE JOHN" SMITH, P.O. Box 387, Flagstaff, Arizona 86001. Little John is employed by the State of Arizona. He is the timber management supervisor. Little John is married and has two dependents, Sam (4) and Varmit (9).

JAMES H. SULLIVAN, 4401 Mount Vernon Memorial Highway, Alexandria, Virginia 22309. James is employed by General Performance Inc., of CLASCO where he is a stem analyst. The Sullivans' have no kids. "Plan to return to Arizona in July, I learned to love the East or leave it, so I'm leaving."

JOHN H. WEHRMAN, HHC USATCI, Fort Lewis, Washington. John is in the army and employed as a clerk, as near as he can tell. He is not married yet.

JOSEPH F. WEHRMAN III, 1207 Mt. Hood St., The Dalles, Oregon 97058. Joe is employed by the Oregon State Forestry Department where he advises land owners about all phases of forest land management. Joe is married and as a daughter, Jodie Ann.



CHARLES P. WICKLUND, P.O. Box 627, Winslow, Arizona 86047. Charlie is currently employed by Duke City Lumber Company, Inc. as a company forester. He is still single.

MIKE WINTERS,, 2537 N. 69th Place, Scottsdale, Arizona 85257. Mike is not employed, but is waiting for Uncle Sam to call him. "At last I am finished and I can't get use to the idea."

#### LATECOMERS

LEE T. ALFORD, 1229 Utah St., Bogalusa, Louisiana 70427. Lee works for the Crown Zellerbach Corporation as a forest measnratioanst. The Alfords' have one daughter, Sherlene Janae (3). Lee says, "Some of the local people have said that Bogalusa was a den of sin, and I'm still looking for it."

BURT EMMONS, Peace Corps Micronesia, Ponape District 96941, Eastern Carolina Islands. Burt is in the Peace Corps where he is a forestry advisor and plants seeds of exotic species (Mahogany, Teak, and Eucalyptus). Burt is not married.

THOMAS P. DeSPAIN, 527-68-3468, A Btry. 5th Bn., 30th Arty., APO New York, New York 09221. Tom is in the U.S. Army, and says his job is one of the thousands seeking to hold back the mighty hands from the North from sweeping down upon the peasantry of Italy. Tom, is married, but has no children.

JAMES K. GRIFFIN, Sul Ross Box No. 6381, Alpine, Texas 79830. Katherine Ann (3) and Kenneth Arnold (16 months) are the Griffins' two children. "I'm here at Sul Ross State University working on my Masters in Range Management. Also, I was granted a graduate teaching assistantship so I am teaching a three-hour course to 50 freshman boys."

FRED LARSON, 1005 N. San Francisco, Flagstaff, Arizona 86001. Fred is married and works for the Rocky Mountain Forest and Range Experimental Station. He works on (what's left) the Beaver Creek Watershed and in his spare time teaches forest measurements to the Junior class. "Sounds like the School is developing a potent program, I hope it's successful beyond expectations, Best of Luck."

JOHN H. STEPHENSON, Wilwood Mobile Homes No. 21, 1 mile McGrath Road, Fairbanks, Alaska. John works for the Bureau of Land Management, Department of Interior, as a natural resource specialist on the Yukon Resource Area. The Stephenson's have two children, Mark (7), and Sherri (6). "I'm enjoying good hunting and fishing of Interior Alaska."

JAMES B. WEBB, 1506 N. Sunset Dr., Flagstaff, Arizona 86001. Jim is employed by the U.S.F.S. on the Flagstaff Ranger District. He is on the recreation and lands staff. Jim and his wife have two boys, Matt (4) and Ty (4 months). Jim wants all of us to join the Sierra Club (incognito of course) and assert our God given rights."

#### EDITOR'S NOTE:

Ron Babcock has been reported missing in action in Vietnam.

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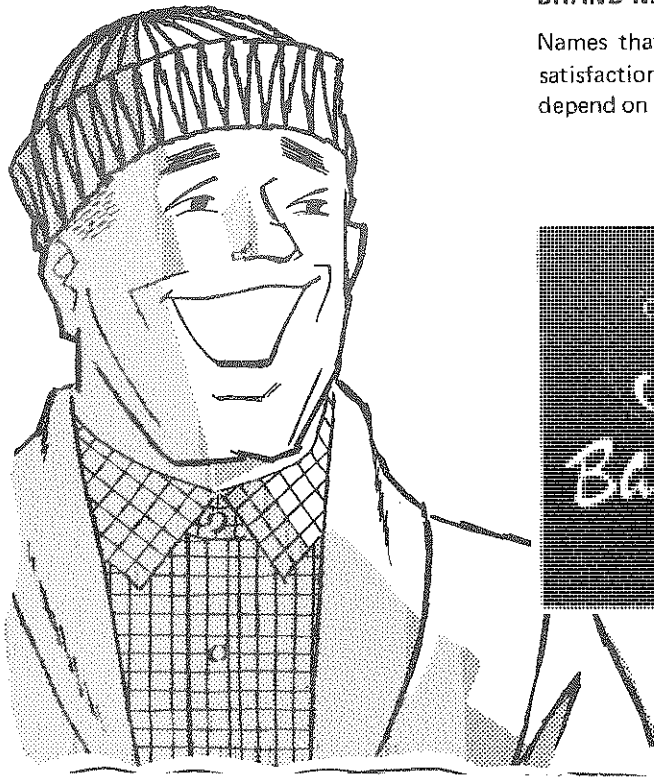


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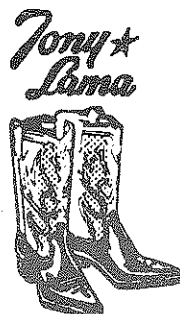
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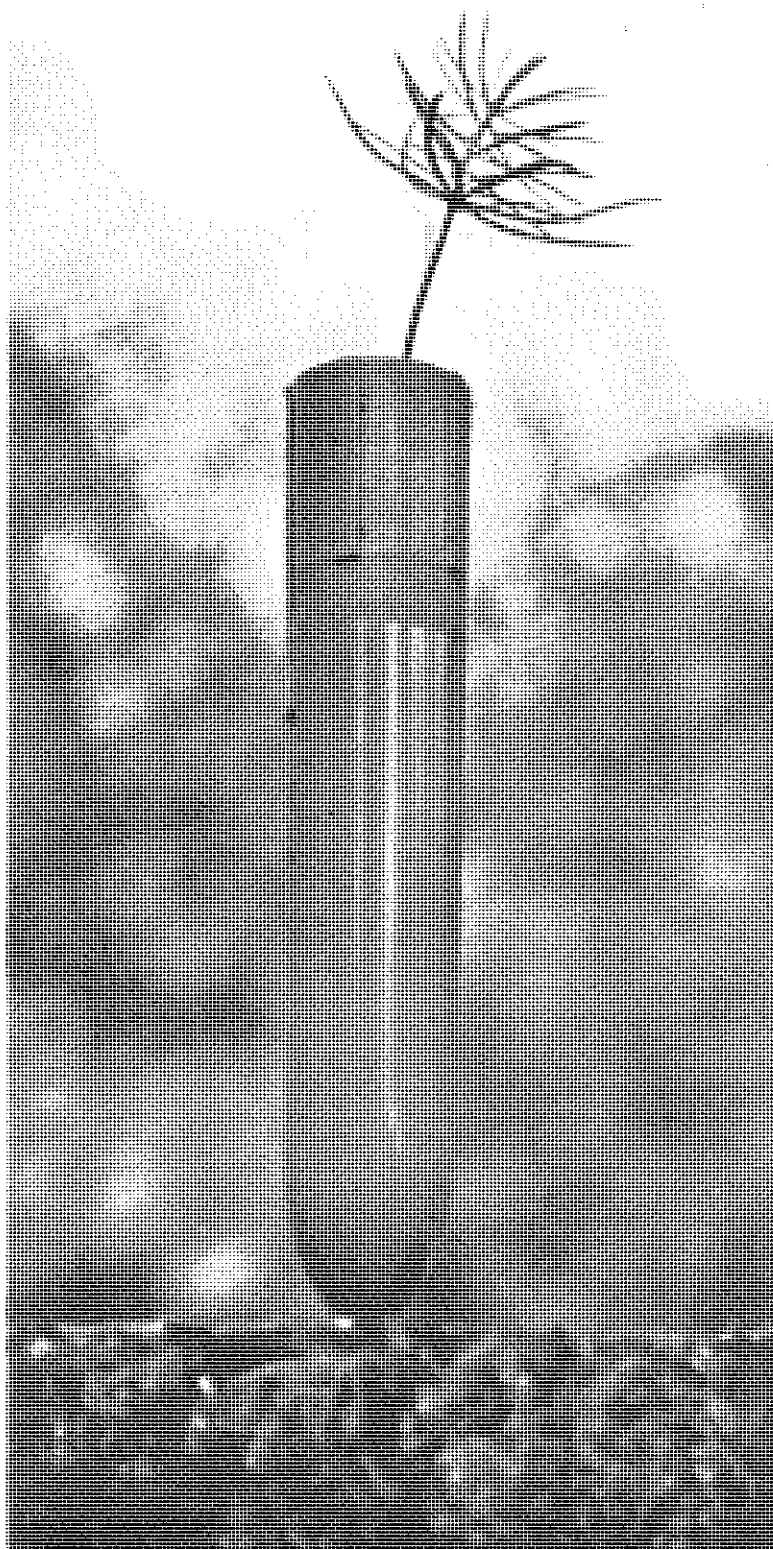
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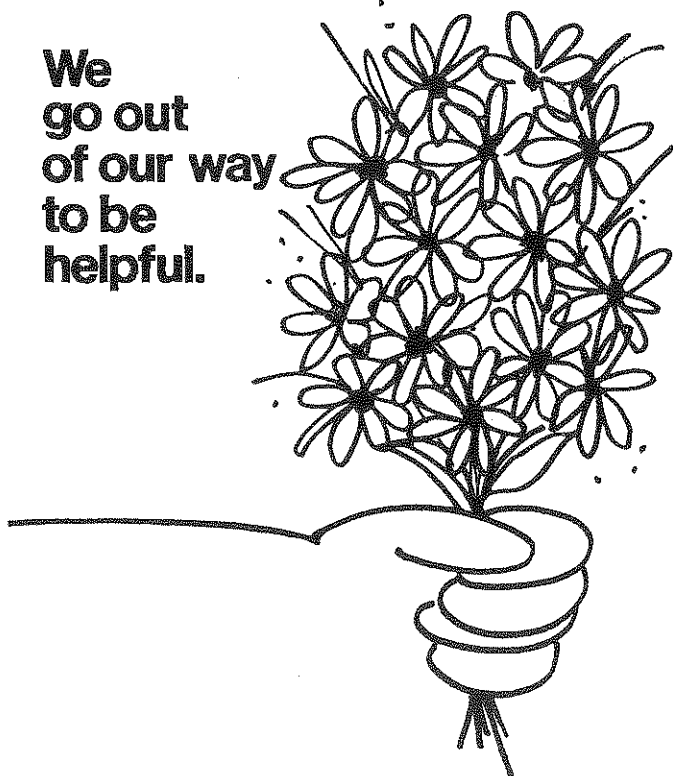
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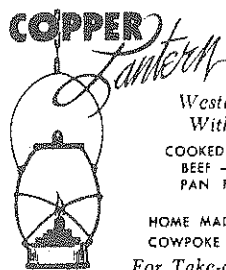
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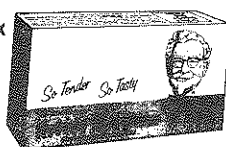
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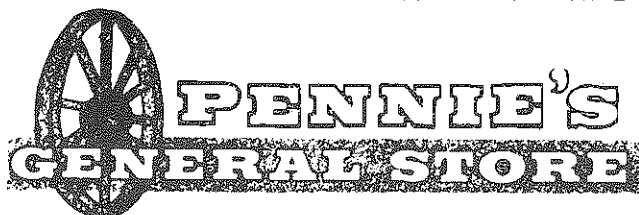
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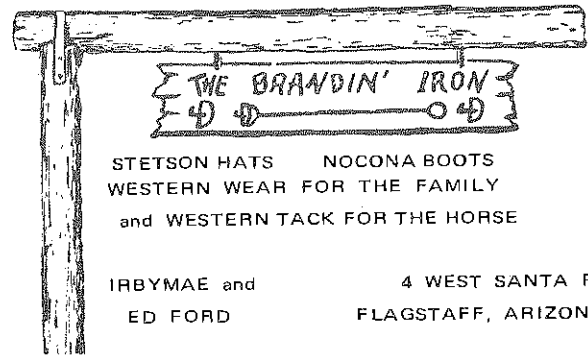
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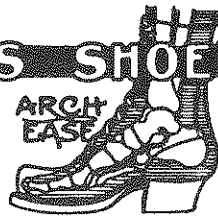
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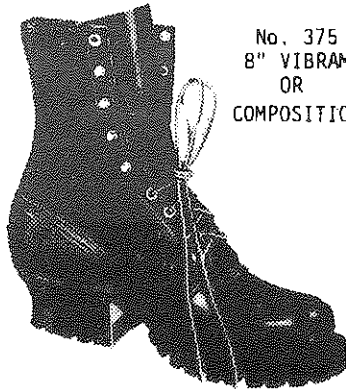
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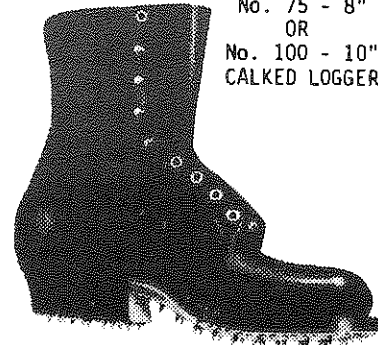


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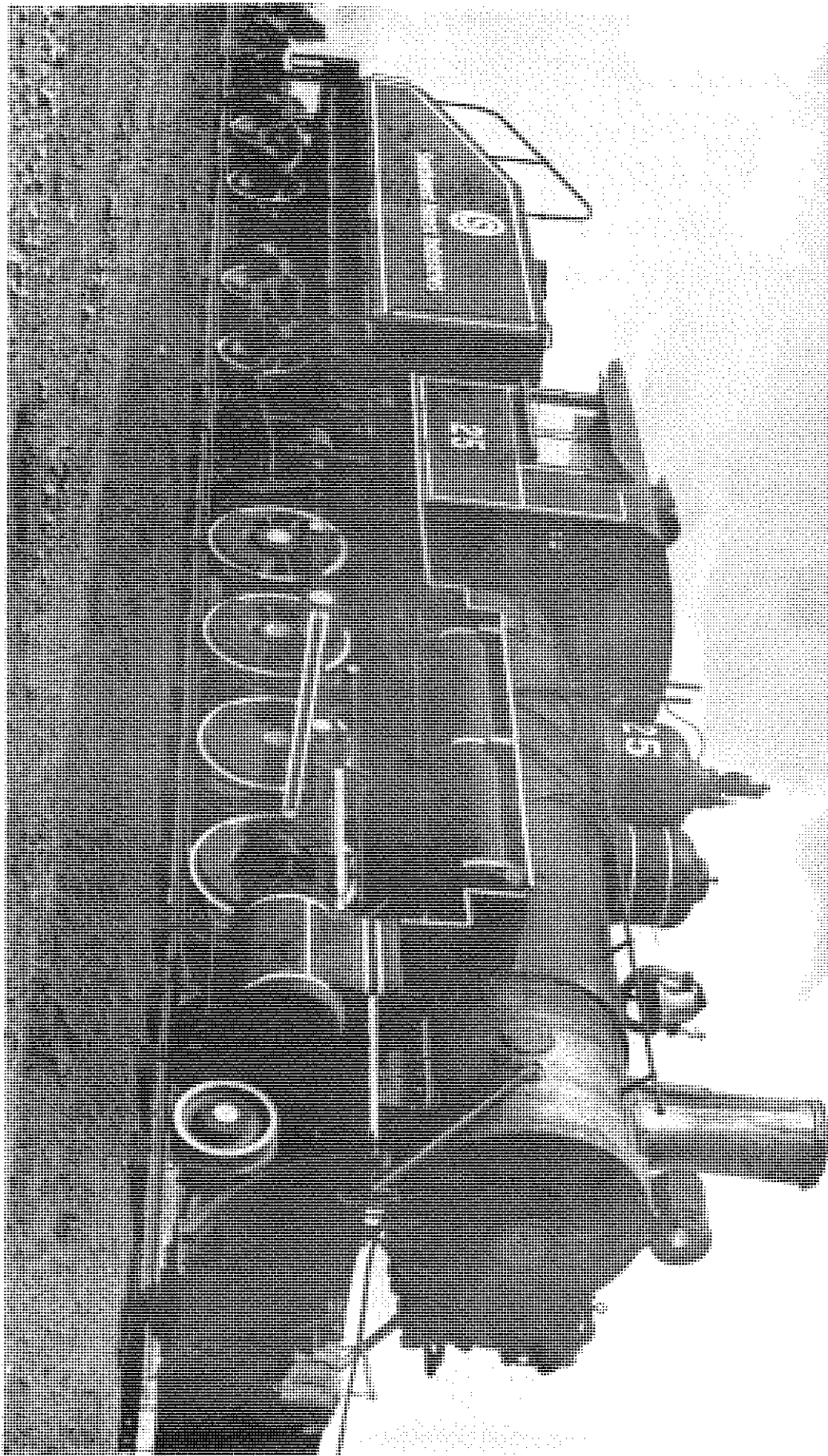


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