Dedication

The College of Forestry lost one of its truest compatriots last November when Ken Winsness passed away. His loss has been deeply felt by the entire college, and will be for many years to come. The 1982 Gopher Peavey has been rightfully dedicated to Ken on behalf of all his innumerable accomplishments and wonderful memories he has given us.

When I reflect on this dedication, I am saddened in two respects. One is that it marks only the first time the Gopher has honored Ken. And much more disturbing is the fact that his dedication is so darn short. Ken's tributes could have filled an entire Gopher Peavey. But it would take two Gopher Peaveys if one included his choice jokes and witty humor.

Ken was the person who kept the Gopher Peavey going in the lean years. His knack of pulling the right strings not only helped keep the Gopher Peavey from going under, but also helped make it one of the top forestry yearbooks in the nation.

Those of us who knew Ken were very fortunate. He was the rare kind of individual who possessed all the qualities of a gentleman; in every sense of the word.
Gopher Peavey 82
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The 1981-82 academic year is more than half completed as this is written. It has been an eventful year in several ways.

We were all saddened by the sudden passing of Professor Ken Winsness in November 1981. The memorial of Ken elsewhere in this issue of the Gopher Peavey leaves little to be said here. We do miss him and remember the many contributions he made to the College and the good times shared.

Professors Henry Hansen and Egolfs Bakuzis will retire on March 31, 1982, and June 30, 1982, respectively. Henry first worked with the College in 1936 and has served on the faculty continuously since 1947. Egolfs joined the research faculty in 1956 and became an assistant professor in 1961. We wish both long and productive retirements. Our sincere appreciation goes to both Henry and Egolfs for their years of dedication to the profession and science of forestry as expressed in their teaching and research.

Other faculty changes during the year included the addition of Simo Sarkanen to the Department of Forest Products as an assistant professor of wood chemistry. Simo's special interest is lignin chemistry. Steve Sinclair resigned from that department in January to accept a similar position at Virginia Polytechnic Institute and State University. We regret losing Steve but wish him well in his new position.

Mr. Liu Zhi-hua, a forest products lecturer in the Department of Forestry, South China Agricultural College, Guangzhou, People's Republic of China, joined the Department of Forest Products for two years as an honorary fellow. Mr. Liu will study and undertake research on computer applications to forest products technology. The Chinese government is funding Mr. Liu's program while he is in the United States.

Dean Emeritus Frank Kaufert sends his greetings. Still actively involved, Frank generally spends several hours each day in the office. He teaches an occasional class and continues correspondence on a variety of matters of importance to the College.

Enrollment in the College declined slightly to 311 undergraduates in the fall of 1981. This compared with 337 students in fall 1980. Graduate enrollment declined slightly to 82 students fall quarter. An urban forestry curriculum has been developed in the Department of Forest Resources. This curriculum received approval of Minnesota Higher Education Coordinating Board and the University Regents in February. It will be implemented in fall 1982.

The Cloquet forestry field session will be offered only during fall quarter beginning with the current academic year. Students typically attend the session early in their senior year. With lower enrollments than in the 1970's, students may now be accommodated in one Cloquet session.

Prerequisites for the Itasca forestry session were also relaxed, making it possible for students to go to Itasca between their freshman and sophomore years. This change took place in August 1981.

John Bell, the new director of student services for the College, has initiated an aggressive prospective student program. Directed at getting accurate information on our programs to prospective students and their teachers, we believe we are already seeing some benefits from this undertaking. Marsha Samways provided leadership in developing a new College brochure for use in these contacts. The brochure has attracted much attention and was printed largely with funds given to the College by private donors.
A good deal of my time and effort this year has gone toward coping with the College's fiscal problems resulting from state deficits. These problems have confounded the long term planning activity the University had undertaken. At this writing, the University has had to absorb a $25.6 million budget reduction for the biennium. As a consequence of this and other cuts related to salary increases, the College will have experienced an 8-10 percent recurring reduction in its teaching program budget before the year ends. This would be equivalent to about three full-time junior faculty positions plus a minimum budget for staff and expenses in support of those positions. As a result, the College will likely not be able to fill positions that come open. This means the infusion of new blood and new ideas into the teaching program will be severely limited. It has also perceptibly dampened faculty morale.

The overall fiscal problems facing the University have led to exploration of a number of program reductions, eliminations, and reorganizations. One of particular interest to the College of Forestry is the proposal to transfer the fisheries and wildlife faculty and students to the College of Forestry. I have informally discussed this with the faculties of both units. In general, both groups favor this move under some conditions. We are jointly exploring the issues involved.

Tuition is a major casualty of the current fiscal stress. A 25 percent increase is scheduled beginning fall quarter 1982. No one knows what impact this and the decrease in student financial aid will have on enrollment. The College is fortunate to have a reasonably large number of undergraduate scholarships which have been established over the years. These will take on new importance in the period ahead.

We are committed to maintaining quality in our programs as cutbacks occur. Thus, as we are forced to reduce programs, we will look to those areas where we anticipate long term impacts will be least severe. Some reductions have already been made in support staff at Cloquet and in St. Paul in keeping with this objective.

We have continued to build our computer capability in both teaching and research. This is an area of increasing importance as our graduates find themselves both professionally and personally immersed in an increasingly computerized everyday world. Dr. Alan Ek has guided these developments for us over the past several years with care and skill. We are among the few forestry schools nationwide with a strong and broadly based effort in this area.

In closing, I want to express my appreciation to the students whose efforts continue the Gopher Peavey tradition. Their hard work brings its own reward both in the published product and in the experience gained in organizing, communicating, and working as a unit to achieve a goal. These abilities have served members of the Peavey staff well in the past and we believe will continue to do so today.
Comin’ At Cha
From Itasca

by Margi Gromeck and Cindy Hopper

Here is the recounting of two students’ perspectives of the Itasca Forestry Session. The events are true and are recalled to the best of our knowledge. Only the names have been changed to protect the guilty.

It was one dreary, rainy, black-bear-filled night as the four of us were driving towards our destination.

Cindy: “Are you sure they won’t mind us coming up a day early?”
Royce: “It’s o.k. Money, money, money, all they want is your money.”
Margi: “There, I think we turn off on this road.”
Bob: “Hey, no charge! — We’ve been on this road for 10 minutes and all I see are campgrounds.”
Margi: “Ooops! I was holding the map upside down.”
Cindy: “There’s the office. I think we stop here. Stop! Royce! Stop!”

Man comes out of the office door.
Ed S.: “Hey, four anxious students. You’re all here 24 hours early.”
Margi: “Is, is it, is it, is it, o.k. if we’re here and all?”
Ed: “Sure, just pick out a couple of cabins. You can use 25 and 21, no use 28 and 20, on second thought use 21 and 26.”

So the four C+ students went to their cabins, unpacked, and quick as a wink their 3½ weeks were over. Afterwards, two of them were overheard reminiscing about their Itasca stay.

Cindy: “Hey, remember when Everlasting Royce-toes thought that they were going to supply us with linen and maid service?”
Margi: “That’s right! But he found out soon enough and consoled himself by visiting Uncle Jack and Aunt Schmidty.”
Cindy: “Yeah, all of us found out where the Northway was soon enough.”
Margi: “But not many found their way back to their traverse point.”
Cindy: “Some people sure sang pretty ballads about it, though.”
Margi: “One thing I didn’t like were those animal haters.”
Cindy: “You mean the fishermen and fisherwomen?”
Margi: “No, the “Kill the red squirrel” campaigners.”

Cindy: “Well — you must have liked the carrot loaf surprise.”
Margi: “Yeah, I did.”
Cindy: “I was talking to Ralph after I ate that stuff. Too bad they didn’t serve Floyd Burgers up there.”
Margi: “What’s a Floyd Burger?”
Cindy: “Don’t cha know? It’s a lot better than zucchini syndrome.”
Margi: “I’ll never forget those late study nights memorizing Early Meadow Rue, and Mark’s Nose (alias pitcher-plant). I’d especially like to thank Rob and Louie for giving me all those good word associations to help me remember the Latin for White Pine.”
Cindy: “All I can remember is adding up all those very wiggy stands on my gonkulator.”
Margi: “Ah, it really wasn’t that bad, we did have some good tapes to listen to.”
Cindy: “Doo Doo Doo Dah Dah Dah that’s all I want to say to you.”
Margi: “What did you say?”
Cindy: “That’s the flipping words to the song!”
Margi: “Oh yeah — I thought you were trying to sound like Rock-n-Roll Succoff for a minute there.”
Cindy: “If anything, it sounds like Crazy Mike when he was tied up to the tree for spreading skunk scent in cabin 25.”
Margi: “Was that before or after he went to Bemidji for a box of oreos?”
Cindy: “Oreos, I thought they were potato chips.”
Margi: “No, no, no, the potato chip box was used to hide our . . . .”
Cindy: “MARG! This is a family publication — we can’t tell them about the rules we broke the very first night.”
Margi: “But that’s before we knew what the rules were, and besides, the Bill of Rights grants us our rights to free speech and free press and free . . . .”
Cindy: “Alright, Alright!”
Margi: “No _____ Thats Right!”
Cindy: “It’s funny — three weeks up there and our entire vocabulary has changed.”
Margi: “Yeah, I know what you mean, I’ll never forget Abneyman or Silviwoman.”
Cindy: “I’ll never forget the kitchen raids.”
Margi: “Hmmm, I wonder who the raccoon was that stole all those pears?”
Cindy: “Well, I’m not saying for sure, but I heard it had something to do with the Zorch gang.”
Margi: “I guess we’ll never find out for sure, but heck, what’s gots to be is gots to be.”
Cindy: “That’s Right.”

‘81 Itasca Session: “Heeeres Comin’ Back At Cha From Itasca.”
WHAT'S MY LINE

by Doug Plasencia

The Cloquet session, at times, is very confusing. To assist the future students of the session the following is a list of terms.

I. TERMS AND DEFINITIONS

Back of the envelope calculation — This requires a calculator capable of handling a 250-step program.

Occular estimate — One plot will be maintained in the fire tower, all diameters and heights for the entire forest are estimated from this vantage.

Finish your field work in the morning — Sleeping in until 10:00 a.m. is O.K.

Put your prick on the photo — An activity all students can partake in.

Has this evolved any questions — Please wake up.

II. MOST USED LINES

"I'll take it up with Bonnie."

"Let's wear the loggers hat for awhile."

"I'll take it up with Bonnie."

"This will be a quick dog and pony show."

"I'll take it up with Bonnie."

III. MOST UNUSUAL LINES

"There's more than one way to kill a cat than choke it with butter."

"He was more nervous than a prostitute in church."

I hope this will help you clear up potential confusion at future Cloquet sessions. However, if you have problems, remember, take it up with Bonnie.
This year's conclave was hosted by the University of Michigan in Ann Arbor, Michigan. Our whole adventure began late Thursday night, as we all loaded up our gear, ourselves, and a leaky garbage can (?). Leak repaired and passengers settled, the bus rolled off towards a wonderful weekend of sun, fun and excitement.

I vaguely remember driving through Chicago. By that time, almost everyone else was sleeping (it off). Next thing I knew, we were in Gary, Indiana, where we stopped for breakfast and a rousing game of football. We soon found out, though, that football is illegal in Indiana, so we moved on to bigger and better things, like Michigan.

Finally, we rolled into Ann Arbor and found that we had beaten everyone else there, including the home team. Fortunately, we found someone to check us in and guide us to our luxurious cabins. The rest of Friday was spent casing the joint, playing in the oak leaves, and helping the dendro girls study. Eventually, some of the other teams started arriving and we were all treated to harmonica music in the mess hall. Eli Johnson, our resident baby, enlightened everyone with his own brand of "gettin' down". Most of us called it a night quite early, so we could be in top shape for Saturday's competition. "Carol, quit studying and go to bed".

After a hearty breakfast Saturday morning, the competition began. Michigan and Missouri managed to pull 1st and 2nd places away from us, so we settled for 3rd, overall.

We never did find out how our team did in Dendro. I do know though, that I'll never forget K.T. running around, mumbling, "I thought it was a Green Ash". And Carol screaming hysterically, "If I see one more oak, I'll change my major to home ec!" The exciting competition came to a close with the special event, combination pole climb, speed chop, sprinting and water boiling.

By this time, everyone was ready for supper. What is it between Tina an S.I.U., anyway? Last year, jell-o; this year, cake. After awards were handed out, we cleared the floor for the Halloween dance. The girls especially one certain little devil, really admired S.I.U.'s costumes. Some of us had to step outside and follow tradition with a bottle of Old Forester, but soon joined the rest for some good ole' bluegrass fun. Those of us who preferred the mellower side, went down to the bonfire and enjoyed the beautiful weather we had been blessed with for the entire weekend.

Alas, 2:00 a.m. Sunday morning came and it was time to say good-bye. However, our departure was delayed by an intensive search for that same little devil. As soon as we found her, we packed her away, and the bus headed backed toward Minnesota.

I will always remember my 1st conclave as the one in which we brought back, not only a 3rd place trophy, but good memories, new friends and high hopes for next year's competition.
Whooshh!!!

"Ready, Aim, Fire!"

Splatt!

"That's a big javalin ya' got there, mister!"

"The key is concentration."

"This is one tired forester."
Christmas Trees 1981

Author Unknown

Once upon a time, long ago, God invented Christmas tree sales; (We think Carl Vogt was in on this too!). Well, since that time many sales years have passed until 1981 when Tom Szabla, Cindy Miller, Bill Roesch, and Randy Urich took on, or were conned into, the Forestry Club Christmas Tree Project. Tom and Cindy, along with Carl "Mr. Christmas Tree" Vogt were in charge of buying those wonderfully smelling perfections of pine and spruce. In the heat of the summer sun they visited tree farms here and there to determine where these short timbers should come from. Down payment was made on nearly 3,500 trees. Summer passed on and a busy fall quarter began. Next thing you know those spiny things were in need of being cut down and hauled to the tree lot in preparation for the sale. Carl’s annual overnight tree cutting extravaganza proved, as it always does, to be a day of hard work and accomplishment and a night filled with beer, beans, bon fires, fun-n-frolic, corny jokes, and plenty of stories from Carl and Rotten Ralph. The highlight of the tree cut was an interview by a Minnesota Daily roving reporter who couldn’t figure out why in the world a woman would want to be a forester.

Tom and Cindy’s work was now coming to a close but Bill and Randy’s job was just beginning. One lazy weekend in November, these two Cloquetians brought down with them all kinds of eager helpers from the great white north, (along with some local help), to assist in the tree lot set up. Set up went down as smooth as the beer and pizza did afterwards.

With lot set-up accomplished, the trees were hauled, unloaded, sorted out, restacked, buried by snow, chewed on by mice, and finally made ready for lot opening on December 1st.

Business those first few days was not overwhelming. Through the snowfall of the cold lonely night the voice of Bill Roesch could be heard saying, "how are we gonna get rid of all these stupid trees." Believe it or not, the spirit of Christmas did finally arrive and so did the shoppers. Three hours to pick out a "Charlie Brown" tree?? . . . come on!! Oh well, no matter how picky some of the customers were the stock pile of trees slowly but surely dwindled.

Slow times seldom meant boring times for the lot workers. Lot hockey, tree stump soccer, numerous snowball fights, and even a short game of Christmas tree baseball were just a few of the lag time activities.

By the 22nd nearly every home already had its tree so the lot officially closed with only a few remaining trees unsold. An ingenious economical plan for tree disposal was devised by the lot chairman which saved the Forestry Club a few bucks. Although this plan proved very effective its complex nature will not be explained here as it is a most difficult process.

The lot was cleaned up and the bills were paid. All in all 1981 proved to be a very successful year. The 1981 chairpeople would like to thank all those who helped in any aspect of Christmas trees. Your help was much appreciated. Special thanks to Carl, Phil, and Scotty for all their time and effort. Best of luck to the 1981 chairpeople and all those thereafter.
IM Sports
by Jeff Schommer

Foresters are not traditionally known for their outstanding athletic abilities but we managed to be contenders in IM sports.

The hockey team fielded a surprisingly respectable team although their name implied otherwise. What we lacked in talent we made up for in hustle. Only to be stopped in the semifinals by a preppy dormitory team. Tim Koski should be applauded for having the guts to play goalie for the first time in his career.

Marginals at Best was the co-Rec broomball team representing forestry. The play was haphazard at best and conditions ranged from cold-deflated balls at -20 degrees to water-swatting at +35 degrees. The team made great strides but came up short in the final game 2-1. Bill Roth played spectacularly in goal with aggressive play by the female sector of the team. Phil Splett, Brian Huberty, and Randy Urich provided goal scoring power that would make the North Stars scouts take notice.

The men's broomball team, consisting of mostly graduate students, also posted a respectable season. We lost in the playoffs to a fine tuned and experienced opponent. With Cliff in the nets we seemed insurmountable but even the mighty lose once in a while.

The men's basketball team cruised through the season with ease but once again a foresters team suffered defeat in the playoffs. It's hard to be victorious in basketball when you have such giants as Rob Pabst. This grad student bucket team probably spent too much time doing research instead of rebounding.

An unknown Co-Rec volleyball team from forestry almost pulled off a championship. The team included leaping stars like Bobb Badger and Tom Hoffman. (They'll show you their welts on their heads from hitting the ceiling.) Margaret Hoffman and her sister provided excellent agility and talent which allowed the Widgets to win the St. Paul Campus league. In Minneapolis we lost the all "U" championship by one game in a tight battle in volleyball. We were so close I could almost feel the first place t-shirt on my back.

Altogether we can be proud of our effort and look forward to the softball season. Phil Splett's Co-Rec team or one of the many other forestry softball teams have one last chance to produce heart palpitations by almost winning the big one.

"If you've got it, you've got it."
Like so many things this past year, Forester's Day almost fell victim to the long-to-be remembered Winter of 82. By Thursday, January 21, there were seventeen inches of new snow on the ground, with predictions of a second storm following right behind. Everything was set for the weekend if the snow would hold off. By midmorning on Friday, snow was falling heavily and the northwest wind pushed visibility to near zero. At noon University officials canceled all classes and extra-curricular activities for the first times in years. F-Day was off, at least for the weekend of January 23.

As soon as the storm passed, committee members started rescheduling for the next weekend, but there were some things that couldn't be salvaged. The Stump-Jumpers Ball got the axe along with the Schmidt Brewery Ratskeller for the bean-feed. The most unfortunate loss was the chance to meet our speaker for the banquet, John Sandor, a USFS regional forester from Alaska.

The following Friday night, January 29, things finally got rolling. The banquet was held at the Fox and Hounds with an awards ceremony following the meal. Phil Splett, this year's Uncle of Paul, gave a slide presentation on Alaska which was left by Mr. Sandor.

Bright and early Saturday morning the faculty had pancakes on the griddle at the Northstar Ballroom. Adding to the general outbreak of indigestion, two skits followed breakfast. Throughout the afternoon events were held in bucksawing, tobacco spitting and snowshoeing to test the competitors speed skill and endurance. To close the day the ladies at the Pink Flamingo graciously allowed us to use their house for the bean feed and bake-off.

There was a lot of extra effort put into Foresters Day. It took dozens of telephone calls and quite a few hours of work and worry. Everyone involved deserves some credit for making F-Day a success inspite of the Winter of 82.
F-Day Field Events

Winners

**Tobacco Spit**
Mark Stiller
Royce Branvold

**Snow Shoe Race**
Tie: Bill Roth
Randy Urich
Greg Vollhaber

**Match Split**
Tie: Sandy Schoberg
Mark Stiller
Bill Roth

**Women’s Keg Toss**
Sue Wilson
Tie: Tina Jaworski
Rondi Allen

**Two Lady Buck**
Liz Zutz/Cheryl Dailey
Margi Gromek/Sue Wilson
Rondi Allen/Jo Fisher

**Two Man Buck**
Brian Denny/Jeff Schommer
Brian Ayers/Steve Nelson
Randy Urich/Bill Roth

**Co-ed Buck**
Liz Zutz/Mark Stiller
Ralph Greiling/Tina Jaworski
Sue Wilson/Jeff Schommer

**Men’s Keg Toss**
Brian Denny
Bobb Badger
Berry Walnord

"Is this how they did it on Little House?"

"This one’s for the gipper."
Southern Forest Industry Tour

by Sue Zajac

The second Southern Forest Industry Tour began bright and early on Saturday morning, March 23. Three inches of snow had already fallen, and the weatherman promised more. Needless to say, the fifteen participants and their fearless leaders, Carl Vogt and Phil Splett, were quite eager to go south (or anywhere besides Minnesota!)

We drove to Stockton, Missouri, where we toured Hammon's Products. Hammon's is the largest Eastern Black Walnut processing plant in the U.S., and processes the whole walnut, shell and all.

After filling our pockets full of walnuts, we said goodbye and steered the vans south. Oh my God, we've forgotten Rondi! Rondi was found — she had gotten locked in a house(?) — and securely fastened in Phil's van.

We drove all day, and as the air grew warmer, we discarded our winter jackets and sweaters. A bull tried to wipe out our van in the Ozark mountains, but luckily Randy was able to drive faster than the bull could run.

Finally, West Monroe, Louisiana came into sight. Phil and Carl were overjoyed to see the same waitress that served them "pinkeyes" (pancakes) last year. Manville Forest Products hosted the group all day. We saw their seed orchard, and discussed their use of the Greene Technique in their genetics program. Dr. James Greene of the University of Georgia was on hand to personally answer any questions we had. Carol was attacked by fire ants, but she won the battle. Other stops included a recently planted clearcut area, a final harvest cut in progress, and a prescribed burn that was still smoldering.

Beautiful Crossett, Arkansas, was to be home for the next three nights. During our stay, we visited the U.S.F.S. Crossett Experimental Station, which is involved with aiding private landowners in their personal forest management practices. About 76 percent of the commercial timberland in the south is owned by private landowners. Uneven-aged management provides periodic income for this type of forest owner.

At Georgia Pacific, we viewed the lumber yards, where 150 log trucks deposit their loads daily. Georgia Pacific's forest management techniques differ from Manville's in that they use natural regeneration of loblolly pine stands by the shelterwood method. Manville uses artificial regeneration only. The average site index of a loblolly pine stand at age 50 in this area of Arkansas is 90.

At Magnolia, Arkansas, we stopped at the Weyerhauser Nursery and Seed Orchard. Here the Bruce Zobel method of genetics is followed. The trees are selectively pollinated. The mature pine cones are later collected, and the seeds prepared for planting. The seedlings are grown here, then packed and shipped to Weyerhauser's southern forests for planting. Between 50 and 60 million seedlings were lifted and shipped in the spring of 1982.

On the way to Camp Clearfork in the Ouachita Mountains, we came across DeGray Lake and hopped in. At International Paper in Gurdon, Arkansas, we watched logs being made into lumber and plywood. Each log is cut as determined by a computer. The mill was very impressive.

Our last stop on the tour was at the Ouachita National Forest, where we learned the various wildlife techniques used in the forest. Turkey hunting and coyote running are two popular sports in this area. Poaching and hunting from moving vehicles are major problems.

Outside of business, the group enjoyed other activities. Numerous forms of wildlife were sighted — armadillos, oppossums, copperheads ... these were all dead at the time. The migrating rocks of Kansas City were very exciting to watch. Botanical fascinations galore — Redbud, flowering dogwood, sycamore, and a tuliptree stump, and not one quaking aspen! The Fantastic movies — "El Fidel" — how did the bull get into the bar, anyway?, and the old classic, "Oliver Twist." Thanks to the Oaklawn horse races, both Carl and Todd are now trying to get gambling legalized in Minnesota. The biggest hit of all was the Catfish Inn — all you could eat for $5.49. Carl ate six plates of shrimp!

The Southern Forest Industries Tour brought to life the techniques learned in my classes at school. Forestry in the south is an impressive and exciting business. Thanks to Dr. Brown, the companies who were our hosts, and thank you Carl and Phil for making this trip possible.
The Forest Products annual spring Wood Industries Tour was a great success. And the trip included many memorable experiences some of which are described in the following paragraphs.

One experience was the last night of the trip at the Hollywood Lounge in Marshfield Wisconsin. Just the mention of the Hollywood Lounge will bring back exciting memories to all who went on the tour this year.

Another of the many experiences was the daily trek to Mac and Dons for lunch. Everyone was continually trying to win the $1,000,000 Quality Game grand prize. However we didn't succeed.

Besides interesting experiences, there were also some memorable people on the trip.

One such person was the only girl on the trip, Anette Goetsch. She seemed to put up with all the men just fine. And I even think she enjoyed herself.

The other memorable person was Jake, our bus driver. His jokes and willingness to get along and have a good time with the students made the trip one of the best trips ever. Jake even went to town on our last trip and came back with champagne and glasses to toast a successful trip.

The trip was a successful one and will hold many memories for those who went.

**Firm**
- Penta Wood Products
- Superwood Corporation
- Diamond International
- Blandin Paper Co.
- Rajala Timber
- Blandin Wood Products
- Louisiana Pacific Corp.
- Ironwood Products
- Connor Forest Ind.
- Crestline Co.
- Joerns Furniture
- Weyerhauser
- Schlosser Lumber

**Product/Type of Mill**
- Wood Treating
- Wet Process Hardboard
- Wooden Matches
- Pulp and Paper
- Lumber/Chip-n-saw Mill
- Waferboard
- Lumber/Horizontal Band Mill
- Aspen Plywood
- Cabinets
- Wood Windows
- Institutional Furniture
- Particleboard, Hardwood
- Veneer and Doors
- Lumber/Circular Mill
Members of the Forestry Club participated in quite a variety of activities this year. New students were introduced to some of the faculty and to F-Club programs at the annual Fall Bonfire during the first week of school.

We travelled to Ann Arbor, Michigan for the 30th Annual Midwestern Foresters Conclave in October. The days strenuous competition in buck-sawing, log rolling, match splitting and traversing, to name just a few events, was followed by an even more strenuous square dance. The competition was pretty fierce, but the square dance found Minnesotans do-see-doing with (gasp) Missourians.

The annual Christmas Tree Sales went very well. Cindy Miller and Tom Szabla set up the buying and cutting. Carl Vogt took time out from growing Walnut trees to help everyone have a good time at the overnight cut. Once the trees were cut, baled, and delivered, Randy Urich and Bill Roesch were in charge of seeing they were sold. The prominent mistletoe and Christmas spirits must have been infectious, because they were sold — every last one.

After a much needed winter break, the Club planned its Forestry Day activities. Mr. John Sandor, Regional Forester for Alaska, was to be the keynote speaker at the banquet. Unfortunately due to a record breaking snow fall, everything was postponed for one week. The banquet, breakfast, skits, events and bean feed finally did happen one week later. Recipients of scholarships were: Royce Brandvold, Terry O'Grady, Maryanna Johnson, Doug Plasencia, Randy Urich, Margaret Gromek and Mark Stiller. Forestry Club Advisor, Phil Splett, received the Uncle of Paul Award and Kate Turner was selected Daughter of Paul.

In the plans for spring quarter are firewood cuts, softball game with the faculty and Forest Products, and possibly a spring dance.

Officers 1981-1982
President — Elizabeth Zutz
Vice President — Royce Brandvold
Assistant V.P. — Bobb Badger
Treasurer — Cindy Hopper
Secretary — Kate Turner
Historian — Jo Fischer
Sargent at Arms — Mark Stiller and Cindy Miller
The RRM Club consists of interested students presently enrolled in the Recreation Resource Management curriculum. The students meet an average of once a month to discuss future club activities and share common interests.

The RRM Club officially began the 1981-1982 school year with the annual picnic at Dr. Knopp’s home. Students, faculty, and alumni associated with the Recreation Resource Management curriculum attended the initial club activity.

All members of the RRM Club gained valuable experience during the year through the involvement in various club activities, such as the RRM Survey. The survey was distributed to all students in the curriculum with the intent of determining the needs and wants of students and as a direct result create a better working relationship between the students within the curriculum and the club itself.

In general the club and its members had a productive year and learned of the vast interests and talents that exist within. We are enthusiastically looking forward to next year with Chris Bryne as the president and Lisa Allison as treasurer.

Thanks to all who made the great year possible and Best of Luck.

OFFICERS: President-Nanette Wilkinson
Vice President-Jim Barrott
Treasurer-Mark Kovacovich
Forest Products Club

FPRS Club Officers (l to r) Andy Englehart, Secretary; Steve Quarles, Vice President; Ted Garver President.

Learning to make paper in Kaufert Lab.
XI Sigma Pi

by Jim Williams

Forester-Connie Athman
Associate Forester-Dennis Zaldo
Secretary/Fiscal Agent-Don Nawalany
Ranger-Jim Williams
Speaker’s Bureau Chair-Rich Apple
Advisor-Frank Irving

The Xi Sigma Pi Honor Society began the year with the reorganization that always seems to happen when new officers take over the reins. Soon we were in the planning stages for the annual initiation banquet. This year’s banquet was held at Donatelle’s Supper Club as we proudly welcomed 18 new members into the Society. Our special guest for the evening was Dr. Robert Buckman, Deputy Chief of Research, USDA, Forest Service, who delivered the keynote address.

The Society was involved in several activities this year. The Speakers Bureau provided student volunteers with an outstanding opportunity to build confidence in themselves by allowing them to share their forestry knowledge and skills with audiences throughout the metro area. In addition, a visiting speakers program was started to bring seminars of general forestry interest to the college.

A lower-division undergraduate tutoring program was begun spring quarter to provide assistance in the basic math and science courses. It is hoped that this will evolve into a continuing effort in the future. For those of us in the Society, the year has been a rewarding and challenging experience, and we wish the best to next year’s group.
If

If you can keep your head when all about you
   Are losing theirs and blaming it on you,
If you can trust yourself when all men doubt you,
   But make allowance for their doubting too;
If you wait and not be tired by waiting,
   Or being hated don't give way to hating,
And yet don't look too good, nor talk too wise:

If you can dream — and not make dreams your master;
   If you can think — and not make thoughts your aim;
If you can meet with Triumph and Disaster
   And treat those two imposters just the same;
If you can bear to hear the truth you've spoken
   Twisted by knaves to make a trap for fools,
Or watch the things you gave your life to, broken,
   And stoop and build 'em up with worn-out tools:

If you can make one heap of all your winnings
   And risk it on one turn of pitch-and-toss,
And lose, and start again at your beginnings
   And never breathe a word about your loss;
If you can force your heart and nerve and sinew
   To serve your term long after they are gone,
And so hold on when there is nothing in you
   Except the Will which says to them: "Hold on!"

If you can talk with crowds and keep your virtue,
   Or walk with kings — nor lose the common touch,
If neither foes nor loving friends can hurt you,
   If all men count with you, but none too much;
If you can fill the unforgiving minute
   With sixty seconds' worth of distance run,
Yours is the Earth and everything in it,
   And — which is more — you'll be a man, my son!

Rudyard Kipling
Scholarships

Carolind
Thomas Urbanski
Linda Williams
Janice Norberg
Craig Florine

Goudy Scholarship
Don Mueller
Mark Hiliker
Joel Wager

Augustus Searles
Margaret Gromek
Susan Zajac
Helen Purvey
Rondi Allen
Kathryn Gonyer
Paula Larson
Sue Wilson

William R. Miles Scholarships
Mark Stiller

Henry Schmitz Leadership
Doug Plasencia
Liz Zutz
Ted Garver
Royce Branvold
Katie Turner

Samuel B. Green
Gregory Nelson

Ken Merriam Scholarship
David Peterson

Dayton Kirkham (incoming freshman)
Wayne Wille
Brian Walukievicz
Laurie Bennet
alternate: Smith, Bjorge

Federated Garden Club
Mike Perry
Laurel Everling
Mike Scharrer
Don Mueller
Dennis Zadlo
Alan Olson
Joseph McDonald
Christa Johnson

Caleb Dorr Scholarship
David Falk
Sally Hess
Andrew Engelhardt
Gregory Nelson

Helen A. Young
Cynthia Miller

J. H. Allison
Mark Hiliker

E. G. Cheyney
Pat Scheller
Michael Kilgore
Richard Margl

Oscar L. Mather
Randy Urich

R. M. Brown
Rondi Allen

Edward Everett
Donna Gehlhaart
Mark Johnson
Mike Perry

Dayton P. Kirkham
Sally Hess
Cynthia Miller
Gary Hoffman
Forestry Job Outlook

In this time of economic uncertainty, jobs are hard to find. Jobs in forestry are particularly hard to find. We have asked three people about forestry jobs in the past, present, and future. The people are graduate student Donna Bryne, Extension Specialist Carl Vogt and C. Robert Binger, head of the Burlington Northern Railroad Lands Division.

I graduated from Minnesota in 1940 and the Yale School of Forestry in 1941 when job opportunities in forestry and related fields were limited, attributed in part to the unsettling conditions of the war in Europe, although there were signs of the economy beginning to emerge from the depression of the early 1930's. Summer jobs in forestry in 1939, my junior year, were almost non-existant and at least two of us from Minnesota found employment as extra gang track laborers with the Great Northern Railroad relaying steel in North Dakota at 35¢ per hour.

In the summer of 1940 the employment situation improved somewhat due to improving economic conditions and an expanding need on the part of public agencies. The state of Minnesota probably had 8 to 10 professional foresters, most of whom were involved with fire protection and timber sale activities.

Fire protection received most of the attention by public land managing agencies in the early years. The changes which have occurred since the early 1940's are due to a maturing of the profession and the demonstration of its capability to competently deal with a multitude of problems associated with not only the forestland resources but all the related resources. In the summer of 1940, for example, I worked as a general laborer for Potlatch Forests, Inc. in northern Idaho as a knot bumper, choker setter and as a helper on a bulldozer building logging roads. The company had one professional forester as operating Vice President, one in charge of slash disposal, one marking timber for diameter limit cutting operations, and two who had supervisory jobs in logging operations. All activities were production oriented and the forestry professionals were still being tested to determine what contribution they could make.

Changes in the companies and also in the relative values of forest land and associated resources along with increased population pressure and competition for these resources have increased job opportunities for professional foresters. Potlatch Forests, Inc. has developed from a sawmill company to a forest products concern and now employs perhaps 85 foresters. The Burlington Northern Railroad now employs about 100 foresters in the management of Northern Pacific lands and has specialists in forest soils, hydrology, range management, wildlife biology as well as log production, engineering and regeneration.

During this same period the variety of job opportunities with the public agencies has increased for similar reasons, and as the demand for foresters has escalated, the academic institutions have expanded to train more foresters in an ever widening range of subjects. The field of research in both public and private institutions has expanded to support the growing intensity of forest land management on a land base which continues to decline.

I believe that job opportunities for the professional forester will continue to increase, perhaps not at the same rate of the recent past, but certainly in the variety of assignments as the intensity of use and need increases. The challenges facing the professional will be greater than ever before as the conflicting demands of society complicate the job of managing all of the resources associated with forest land. How these challenges will be met will determine the form of the profession and I am confident that it will successfully meet these challenges if the quality of professional training is maintained.

C. Robert Binger
Head of Lands Division
Burlington Northern Railroad

The job outlook in the field of forestry today is similar in some ways to what a graduating forester faced in the late fifties and early sixties. There were usually thirty to forty applicants for every permanent full-time position. The U.S. Forest Service was the largest employer and many foresters sought careers with the Federal Government. In the early sixties, state forestry organizations were expanding and job opportunities were good for those persons willing to locate in areas outside of their home state. Practical field experience, summer job training, and a willingness to learn from "hands on" activities helped foresters seeking employment in the private sector.
Communications skills were emphasized in some college programs as the era of the forester working in isolation came to a close. Interaction with other natural resource professionals, and the general public suggested to professionals in forestry that preparation in the social sciences was important and had to be strengthened.

Job opportunities in forestry and related fields were enhanced by the environmental movement of the sixties and seventies. Environmental impact statements, resource planning documents, resource allocation studies, feasibility studies and the like required input from forestry professionals. Forest industries expanded their professional ranks to assure continued supplies of raw materials and to cope with new laws and regulations regarding land management. Opportunities for the professional forester were available throughout the United States and elsewhere.

It is difficult to predict what changes will take place in job opportunities for foresters during the next twenty years but let me make a few observations. The forestry professional must be willing to relocate in various parts of the U.S. and abroad. Practical field experience, business and economics, computer science and technical aptitude will be important areas of preparation. The professional forester will need to understand the integration of raw materials and the output of specialized wood using industries. Trends suggest that foresters must be able to qualify and quantify resource management decisions based on scientific knowledge, social concerns and practical experience.

Land use planning and resource allocation will be issues that will surely challenge the professional forester in the future. Management of timber resources outside of North America will provide jobs and careers for professionals. Job opportunities in related fields such as mining, geology, soil conservation, wildlife management, and recreation will afford foresters additional opportunities.

Foresters who are prepared to deal with emerging energy issues and policy decisions should be in demand. World wide use of forest resources will increase and new and better ways of utilizing wood fiber must be explored. Researchers will be needed to develop materials and processes that will enable industrialized nations to utilize low quality hardwoods. Perhaps the greatest challenge will be to encourage private non-industrial landowners to improve their management practices. Opportunities will exist in the public and private sector for foresters that are perceptive of world issues, have adequate course preparation, and are willing to try new techniques for maintaining and expanding the renewable resource — trees.

Carl Vogt
Extension Specialist
University of Minnesota

When I began my forestry education in 1975, graduating foresters were entering the field at the Forester level. In 1980, when I graduated, some of my friends were lucky enough to get jobs, mostly as technicians, though some people with experience with one agency or company were able to enter the field as Foresters. The job outlook was pretty grim. Some people took unpaid internships to gain experience, some went to Europe. I went to graduate school.

Since then the situation, especially out west, has worsened. There are still a few jobs each year but as a friend out in Oregon said, "They're mostly snatched up by people with masters degrees or who have an "in" with the agency or company."

The main change in the last two years is a reduction in the availability of government jobs due to hiring freezes. This is only one of the effects of the new administration but I really think it is a symptom of the recession rather than just an administrative action. We're starting to see the same symptoms in industry with layoff and limited hiring.

But there are still some openings. Increasing numbers of developing countries are realizing the need for renewable resource management and this trend will probably continue. I'm sure we all have seen posters that say "The Peace Corps Needs Foresters." Other international development organizations may also be potential employers.

One would like to be optimistic and say it can't get any worse. I'm certainly not qualified to say whether it will get worse or not, but I think it will take a number of years to get better. Large federal deficits are predicted for several years to come. One result of this will be continued high interest rates, and high interest rates generally means a depressed housing market. In forester's language that means a poor job market.

I think there will be jobs in the coming decade, but they will be harder to find. Probably the nature of the available jobs will change. Increasing population will create more need for planners and policy specialists. It is conceivable that field forestry may become saturated (such is the case in West Germany) and the need will be for researchers and people who can facilitate interaction between the forestry profession and planners and policy makers, as well as for people who can assist developing countries with resource management programs. This might all mean that getting jobs will require some sacrifices — like living in the tropics, learning foreign and/or computer languages, or becoming an economist.

To summarize, I'd like to say that I'm no guru, and my perspective as a recent graduate facing a bleak job market may not be as enlightened as that of one who has survived more ups and downs. I do think that the problems in our economy, of which the bleak job outlook is a symptom, will take more than a couple of years to solve. And I think there will be increasing numbers of opportunities in developing countries for those willing to pursue them.

Donna Byrne
Graduate Student in Forest Economics
Mark you're supposed to bale trees not people

Did I tell you the one about...
All of those who knew Ken Winsness learned from his example of personal courage in overcoming the ravages of a serious illness. He deservedly took pride in doing for himself and others whatever he could for as long as he could, in both his professional and personal life. Ken Winsness' students and colleagues will remember and continue to learn from the example he set for them. Students had no greater advocate and friend in the College and, indeed, the University.

Service to others was also reflected in Ken Winsness' participation in many committees and groups University-wide and nationwide. He principally was responsible for organizing and conducting the first national workshop for forestry school student service personnel held in St. Paul in 1975. He served the past three years as a member of a national task force on student services appointed by the Council of Forestry School Executives. For many years he served as advisor to the student editor of the forestry student yearbook, the Gopher Peavey. He was the Minnesota Forestry Alumni Association secretary for over fifteen years and edited the annual alumni news and directory.

Ken Winsness' contributions and accomplishments were recognized by many over the years. Among the awards he received and cherished was the 1966 Standard Oil Foundation Award [now the Horace T. Morse Amoco Foundation Award] for Outstanding Contributions to Undergraduate Education. He was one of three University faculty members honored the first year of this award. Other awards included the 1963 Little Red Oil Can for the outstanding faculty contribution to undergraduates in the College of Agriculture, Forestry, and Home Economics; several Minnesota Student Association awards for outstanding faculty contributions to students; a 1968 Minnesota Forestry Alumni Association Special Citation and the 1976 Rose and Jay Phillips Award for Outstanding Handicapped Employee.

Ken Winsness was a member of the Society of American Foresters; Xi Sigma Pi, the national honor society in forestry; and Alpha Zeta. He is survived by his wife, Betty, and two daughters.

Forest Products Juniors

Top (left to right) Todd Hubbard, Todd Kositsky. Bottom (left to right) Andy Englehardt, Jack Wallingford, Niel Lundgren.
Sophomores and Freshmen
STUDENTS IN THE COLLEGE OF FORESTRY

FOREST RESOURCES

FRESMEN

Anfang, Steven P.
Blais, Joseph E.
Burnside, Deborah A.
Carey, Heather A.
Carlson, James C.
Cottrell, Dana S.
De La Rosa, Frank S.
Dumas, Barbara J.
Eder, Hans G.
Esslinger, Daniel J.
Flora, John R.
Fritz, Roxanna K.
Gass, Darrell T.
Hagedorn, Thomas J.
Haugen, David E.
Hipkins, Jeffrey J.
Jones, Susan N.
Karp, Christopher G.
Kiefer, Joelle
Kittelson, Scott D.
McDuff, Robert B.
Molina, Ernest
Moris, Michael J.
Nelson, Walter L.
Ogunfolumi, Zaccheus
Ohm, Jorg T.
Petro, Anthony C.
Phillips, Todd A.
Pitcavage, Jon A.
Reid, Samuel A.
Roesler, Gregory S.
Salisbury, Lisa J.
Schabel, Cathy A.
Schaefer, Mathew R.
Schrankler, Randall L.
Schultz, Kristen A.
Sinjuschkin, Michael F.
Smith, Scott A.
Spanjers, Cynthia M.
Thompson, Luke A.
Vieman, James E.

BOYNE, John D.
Browen, Allen D.
Buchman, Terryl A.
Bush, Robert J.
Dukes, James M.
Dzoboku, Edward
Enebak, Scott A.
Erwin, Jack S.
Finney, Elissa A.
Flanary, James P.
Folwick, Lewis O.
Fong, Richard T.
Frame, Dana L.
Geiser, James M.
Gimler, William R.
Gustafson, James C.
Handahl, Kirk G.
Harrison, Lynn C.
Hernandez, Sarah
Hess, Sally C.
Hiliker, Mark K.
Hoffman, Gary A.
Huizenga, Donald C.
Jacobs, Jason A.
Jimenez, Michael J.
Johnson, Naomi C.
Karels, James R.
Kelly, Fred B.
Kennedy, Lorie K.
Kensinger, Roberg J.
Knuth, Denise M.
Koski, Clifford W.
Kuenvolden, Kevin E.
Lahr, Carrie B.
LaVigne, Leon H.
Lee, Patti J.
Liljedahl, Daniel J.
Long, Larry
Long, Steven E.
McDill, Marc E.
McEvoy, Elizabeth M.
Melles, Mark W.
Miller, Cynthia J.
Morin, Timothy D.
Muhich, John L.
Oden, Thomas C.
Olson, Lorrie F.
Omeoga, Nduka
Parson, Diane M.
Pielhl, Bradley T.
Porter, Mary G.
Pulscher, Scott B.
Raasch, David J.
Rice, Mary T.

FOREST RESOURCES

SOPHOMORES

Ash, Brian P.
Ballou, Marcus F.
Berg, Marna L.
Bergman, Jeffrey A.
Boeck, Camilla M.

FOREST RESOURCES

JUNIORS

Allen, Rondi L.
Amos, Carol V.
Brandvold, Royce P.
Darveaux, Blaise A.
Day, Douglas P.
Fischer, M. Jo
Fisher, Todd A.
Goff, Yvonne M.
Gormanson, Dale D.
Gromek, Margaret M.
Grundtner, Daniel R.
Johnson, Dale F.
Krueger, Jerome A.
Marcouller, Dave
McKown, Kimberly jA.
Mueller, Don L.
Nelson, Christopher A.
Ogren, James E.
Olson, Alan C.
Purvey, Helen V.
Roettgering, Kirk B.
Ryan, David L.
Scharrera, Michael P.
Stiles, Kevin K.
Stiller, Mark T.
Zajac, Susan M.

FOREST RESOURCES

SENIORS

Abrahamson, Susan L.
Alness, Jon M.
Burke, Scott A.
Burnell, Mark E.
Burness, Todd A.
Callas, William M.
Carlson, Karol A.
Crowley, Margaret M.
Denny, Brian R.
Dunne, Miles J.
Durlak, Andrzej M.
Engstrom, James K.
Everling, Laurel A.
Fall, William R.
Florine, Craig W.
Fluegeman, John D.
Francis, Blake A.
Gatzlaff, Brad J.
Gehlhaart, Donna R.
Gonyer, Kathryn A.
Hamann, Randal R.
Hilsen, Douglas M.
Houston, Thomas H.
Hovey, Thomas E.
Huberty, Brian J.
Ibrahim, Ariff B.
Jacobson, Byron N.
Jaworski, Martina A.
Johnson, Christa J.
Johnson, Mark D.
Johnson, Maryanna T.
Jones, Bradley S.
Koch, Randy M.
Koski, Edward T.
Lindberg, Eric G.
Lindberg, Scott T.
Low, Kevin G.
McDonald, Joseph L.
Miller, Susan M.
Nawalany, Donald N.
Nelson, Dennis H.
Nelson, Hennis M.
Nelson, Gregory J.
Norberg, Janice M.
O'Grady, Terrence W.
Ozan, Richard A.
Paulsen, Bruce P.
Perry, Michael J.
Petersen, Timothy D.
Plasencia, Douglas J.
Quailey, Phillip J.
Rick, Randall R.
Roesch, William D.
Roth, William P.
Scheller, Patrick E.
Schmidt, Ellen J.
Schoberg, Sandra L.
Schommer, Jeffrey R.
Schommer, Sheila M.
Shepard, Michael W.
Strobel, Katherine A.
Strom, Gregory S.

Thompson, James E.
Turner, Katherine A.
Urich, Randall R.
Vaughan, James S.
Vollhaber, Gregory J.
Wilson, Susan J.
Wise, Brian K.
Zadlo, Dennis W.
Zikmund, Barry J.
Zutz, Elizabeth S.

RECREATION RESOURCE MANAGEMENT

SENIORS

Buettgen, Lisa P.
Couling, Thomas D.
Kakala, Thomas J.
Kilgore, Michael A.
Klatt, Robert F.
Kovacovich, Mark H.
Laurence, Jane E.
Long, Leslie A.
Meyer, Gregory S.
Savard, Daniel L.
Selseth, Susan M.
Wilkinson, Nanette J.

JUNIORS

Badger, Robert D.
Berens, Douglas E.
Knowles, Elizabeth S.
Moody, Peter J.
Olson, Brett A.
Page, Judy L.
Wagar, Joel D.

SOPHOMORES

Bokelman, Michael D.
Byrne, Christopher J.
Colmey, John L.
Hopper, Cindy J.
Landgren, Mark A.
Marion, Mark K.
Painter, Thomas R.
Phillips, David W.
Remus, Thomas F.
Schumacher, Marc L.
Wigand, Carl W.
Williams, Linda R.
Wondra, Andrew C.
FRESHMEN

Allison, Lisa A.
Erdman, Jean M.
Hebaus, Mark G.
Lund, Brenda K.
Mackey, William Jr.
Morrill, Cathy A.
Schuyler, Gregory J.

FOREST SCIENCE

SENIORS

Henley, Russell K.
Kruger, Eric L.

SOPHOMORES

Cunningham, Stanley J.
Quiram, Douglas P.

FRESHMAN

Brown, Terri J.

FOREST PRODUCTS

SENIORS

Bartusiak, Joseph T.
Beatty, Scott A.
Bendtsen, Lee A.
Block, Steven J.
Boelter, Brian D.
Carpenter, Robert B.
Christensen, Bryan J.
Corbin, Daniel D.
Cunningham, Diane V.
Garver, Theodore M.
Gusek, Alan T.
Harms, Gregory E.
Hoffman, Gregg A.
Jelle, Dwight K.
McDonald, Michael E.
Moyer, Gary E.
Ninteman, James M.
Nordman, Jeffrey P.
Parins, Charles L.
Perovich, George C.
Petersen, David F.
Setzer, Mark E.
Stangl, Paul J.
Strom, Craig P.
Sweazy, Mark D.
Wettergren, Charles S.
Williams, Steven P.

JUNIORS

Edberg, Keith D.
Engelhardt, Andrew W.
Gerlinger, Jeffrey T.
Goetsch, Annette L.
Hall, William J.
Hubbard, Todd A.
Kositzky, Thomas A.
Lampecher, Keith W.
Margi, Richard A.
Mattson, Eero K.
Mayou, Peter A.
Nienas, Donald P.
Novacek, Michael A.
Orth, Stephen J.
Porter, Todd W.
Rosso, Williams
Somppi, John W.
Upton, Bradley J.
Vondylen, Eric J.
Wallington, Jack W.
Ward, Kevin C.
Woolums, Eric J.
Ziemer, Michael J.

SOPHOMORES

Abel, Mark A.
Ajagbe, David B.
Blixt, Matthew S.
Heutmaker, Scott H.
Leckey, William B.
Lundgren, Neil P.
Mallin, Michael L.
Ranthum, Debra R.
Scully, James D.
Tisdale, Malcolm B.
Videen, John D.
Warmath, William C.
Wertheimer, Gregory
Williams, David H.
Williams, Julieann H.

FRESHMEN

Falk, David J.
Guse, Todd P.
Johnson, Theodore S.
Johnson, Warren E.
Nelson, Walter L.
Ogundepo, Kolapo J.
Olson, Eric D.
Randall, James W.
Urbanski, Thomas G.
(l to r) Emily Sundeen, Carol Laffoon, Lynn Rittenour, Karen Ekhoff, Julie King.

(l to r) Anne Steven, Kathy Phelan, Ruth Davidson, Janelle Schnadt, Anne Caton, Clara Schrieber, Pat Van Cleve.
## Graduate Students

<table>
<thead>
<tr>
<th>Name</th>
<th>Area of Specialization</th>
<th>Degree Objective</th>
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</thead>
<tbody>
<tr>
<td>Murari Agrawal</td>
<td>Pulp and Paper</td>
<td>PhD</td>
</tr>
<tr>
<td>Arnold Ahlback</td>
<td>Economics</td>
<td>coursework only</td>
</tr>
<tr>
<td>Scott Aksamit</td>
<td>Silviculture</td>
<td>MS</td>
</tr>
<tr>
<td>Richard Apple</td>
<td>Management/Economics</td>
<td>MS</td>
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<tr>
<td>Connie Athman</td>
<td>Hydrology</td>
<td>MS</td>
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<tr>
<td>Leslie Auriemmo</td>
<td>Silviculture</td>
<td>MS</td>
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<tr>
<td>Driss Benessalah</td>
<td>Resource Inventory</td>
<td>MS</td>
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<tr>
<td>Harry Billings</td>
<td>Forest Science</td>
<td>MS</td>
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<tr>
<td>Susan Billings</td>
<td>Silviculture</td>
<td>MS</td>
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<tr>
<td>Charles Blinn</td>
<td>Forest Products</td>
<td>PhD</td>
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<tr>
<td>Marna Butler</td>
<td>Silviculture</td>
<td>MS</td>
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<tr>
<td>Donna Byrne</td>
<td>Forest Economics</td>
<td>MS</td>
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<td>Scott Carlstrom</td>
<td>Hydrology</td>
<td>MS</td>
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<tr>
<td>Ruchi Chakrabarty</td>
<td>Pulp and Paper Technology</td>
<td>MS</td>
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<tr>
<td>Richard Deuell</td>
<td>Remote Sensing</td>
<td>MS</td>
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<td>Gilbert Diatta</td>
<td>Tree Improvement</td>
<td>MS</td>
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<tr>
<td>Eugene Elwood</td>
<td>Biometrics</td>
<td>PhD</td>
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<tr>
<td>Ken Farrish</td>
<td>Forest Soils</td>
<td>PhD</td>
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<td>Saeed Fereshtehkhou</td>
<td>Forest Products</td>
<td>PhD</td>
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<tr>
<td>Doug Ford</td>
<td>Forest Economics</td>
<td>PhD</td>
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<tr>
<td>Abraham Gafni</td>
<td>Hydrology</td>
<td>PhD</td>
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<tr>
<td>Marty Goldblatt</td>
<td>Silviculture</td>
<td>MFor</td>
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<tr>
<td>Juan Gonzalez</td>
<td>Forest Management</td>
<td>MS</td>
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<td>Robert Govett</td>
<td>Forest Products</td>
<td>PhD</td>
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<tr>
<td>Phil Guertin</td>
<td>Hydrology</td>
<td>PhD</td>
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<tr>
<td>Thomas Gullet</td>
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<td>Mark Hansen</td>
<td>Biometrics</td>
<td>PhD</td>
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<td>Bruce Harding</td>
<td>Silviculture</td>
<td>PhD</td>
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<tr>
<td>Edwin Hendrickson</td>
<td>Forest Products</td>
<td>MS</td>
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<tr>
<td>Bob Hinschberger</td>
<td>Hydrology</td>
<td>MS</td>
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<tr>
<td>Jung-Ihn Hyun</td>
<td>Bonded Wood Products</td>
<td>PhD</td>
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<td>David Leding</td>
<td>Forest Products</td>
<td>PhD</td>
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<tr>
<td>David Leding</td>
<td>Forest Products</td>
<td>PhD</td>
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<tr>
<td>Yongkil Lee</td>
<td>Silviculture</td>
<td>MS</td>
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<tr>
<td>John Lenarz</td>
<td>Biometrics</td>
<td>MS</td>
</tr>
<tr>
<td>Tsai-Yun Lin</td>
<td>Tree Physiology</td>
<td>MS</td>
</tr>
<tr>
<td>Jeff Marion</td>
<td>Forest Recreation</td>
<td>MS</td>
</tr>
<tr>
<td>Cary McDonald</td>
<td>Recreation</td>
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CANOE COUNTRY

On silvery nights by moonlight bright
On trails yet touched by tread so light,
Where falling waters find their way
And peace in nature yet holds sway;
Then and there my heart shall beat,
In tune with nature's melody sweet.

The breeze that brings the whispering sighs
Of branch and bough and owl's cries,
Carries away themist and veil
That sought to hid the moonlight's trail,
The lapping waves against the shore
Are for me stairs to heaven's door.

J.R. Sterle
Class of '51
(Taken from the 1950
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On behalf of the 1982 Gopher Peavey, we would like to thank Dr. Dan Frenzel of Fisheries and Wildlife, University of Minnesota for his photo/slide of an American Bald Eagle used as the cover for this years edition.

When the Peavey comes out each year, it shows off the hard work of many, many people. I would now thank them for a job well done. THANKS ALL!! I would especially like to thank Margi, Sue and Rondi for all their help and support.

Cindy Miller, Editor

The Peavey staff extends their thanks to the following organizations for their respective monetary grants: Blandin Paper Co., MSA, the Student Faculty Board, the St. Paul Board of Colleges, and the Forestry Club.
Challenges are where you find them

Forty, fifty years from now seedlings growing on our forest lands today will be harvesting size. They'll be used in our mills to make paper and wood products—if we manage our forest lands for future productivity.

While those seedlings are growing, our forest lands will be places for people to enjoy—if we build recreational uses into our land management programs.

The people who work at Blandin—and people who live in or visit our area have challenged us to accomplish both.

We shall.

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