



**GOPHER
PEAVEY**

1939

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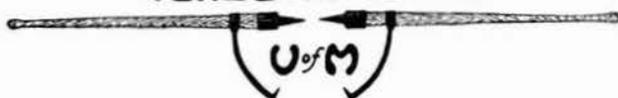
1939

Gopher

Peavey

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FORESTRY CLUB



University of Minnesota

ST. PAUL, MINN.

Foreword

Happy days are here again! The Civil Service has been given once more. The hurricane has blown a bunch off the eligible list, and the Supervisors are taking down their back hair and admitting they are in need of some new blood! What more could a forester want? Just one thing - - the PEAVEY! And here it is.

The 1939 Peavey Staff.



DOCTOR HENRY SCHMITZ

Dedication

This book is affectionately dedicated to our Chief, "Doc" Schmitz, to whose ever ready tact and tireless energy more than anything else, we owe our wonderful new building and our steady progress. May he live long and prosper.



THE FORESTERS' NEW HOME
GREEN HALL

Dedication of Green Hall

by Carroll Mattlin

With a full-day program, the new forestry building was dedicated Friday, November 18th, 1938. No building of this nature could have had a more learned group of speakers and guests than had Green Hall on the first day of its official recognition. How proud Professor Samuel B. Green would have been had he been here to witness the crowning achievement of the Forestry Department. It was he who started forestry education at the University of Minnesota, and in whose honor the new building was named.

To Dr. Henry Schmitz, chief of the Division of Forestry, whose unceasing and tireless efforts won the confidence of the people of the State, may we extend our thanks. We only hope that we may do our share to show how deeply we appreciate this building, its equipment, and the ideals for which it stands.

At ten o'clock in the morning, the dedication ceremonies under the guiding hand of Dr. Schmitz were well under way. The various addresses were given in the \$250,000 Forestry Building's auditorium which seats 400 people. First speaker on the program was the Honorable Fred B. Snyder, vice-president of the Board of Regents, whose topic was "The Division of Forestry and the University." Mr. Snyder briefly ran through the history of the lumbering industry in Minnesota, stressing the need for constructive work in forestry to maintain the work so nobly started early in 1890 by Samuel B. Green.

Professor H. H. Chapman, Harri-man Professor of Forest Management at Yale University, spoke on "Samuel

B. Green's Contribution to Minnesota Forestry." No one is better qualified to speak on a subject of this nature, for not only was Professor Chapman a student in forestry at Minnesota during its infant days, but he was closely associated with Professor Green. Professor Green was instrumental in the appointment of a state fire warden after the disastrous Hinckley fire in 1894, and also in having the land set aside, later called Itasca State Park and the Cloquet Experimental Station.

"Forestry and the Graduate School" was the title of the talk given by Guy Stanton Ford, President of the University of Minnesota. President Ford stressed the importance of the inter-lacing factors in the graduate school, and the fields open to men interested and capable of furthering their knowledge in the line of forestry.

Mr. F. A. Silcox, Chief Forester of the United States Forest Service, spoke on "How Can the Division of Forestry be of Greater Service to the United States Forest Service." Mr. Silcox presented the trends in present day forest activities and laid great emphasis on the need of coordinating chemistry and business administration with forestry. Increasing use of wood in the manufacture of benzene, rubber, and clothes brought about by chemical research has brought this problem to a head.

The lumber industry was represented very ably by Mr. I. N. Tate of the Weyerhaeuser Sales Company. His topic was "How Can the Division of Forestry be of Greater Service to the Lumber Industry?" Some time ago, his first remark, "We who are about to

die salute you" may have had some meaning but not today. Mr. Tate painted a true picture of the industry as seen thru the eyes of a lumberman. In speaking of the purchase of lands by the government for state parks, he called attention to the fact that in Cook County, Minnesota, large owners paid forty-five per cent of the taxes that would, if taken over by the State, have been tax free. It is true in Minnesota as in Idaho that the second-growth timber is of inferior quality, and something must be done to improve this condition. He sees as a salvation for the lumber industry, increased use of lumber and better sales.

"What do you say we tramp down to the cafeteria and have lunch? The afternoon session will start at one forty-five o'clock. We musn't keep them waiting."

At two o'clock Dr. Schmitz again called the meeting to order and introduced the first speaker of the afternoon, Mr. Ellery Foster, State Forester, who discussed the ways in which the Division of Forestry can be of greater service to the Minnesota Conservation Department. He pointed out the ways in which the concepts of forestry have changed in the past years. The marketing of timber by farmers from small woodlots has been gaining importance and is destined to become even more so when the farmers learn methods of improving their yields. The Agricultural Division is assisting in this way.

"Forestry and the Minnesota Department of Agriculture" from the standpoint of the Department of Agriculture was discussed by Dean Coffey of the University staff. Dean Coffey brought to mind the numerous ways in which the two departments are tied together, both working for the good of the other.

Dr. Clyde H. Bailey, vice-director of the Minnesota Agricultural Experimental Station, then spoke on "Forestry and the Minnesota Agricultural Experimental Station." He pointed out the need for trees in shelter belt projects, windbreaks, and as a source of fuel on every farm in the State. The two divisions have been more closely united in the past few years because of the work done by the government in reclamation projects.

The last speaker on the afternoon program was Dr. E. M. Freeman, Dean of the College of Forestry, Agriculture, and Home Economics. Dr. Freeman spoke on "Forestry Education and the Educational Program of the College of Forestry, Agriculture and Home Economics."

After the last speech, Green Hall was opened for public inspection and students acted as guides for those who as yet had not had the opportunity to see the building. Of most interest was the large museum and exhibition room on the ground floor—and little wonder. Dr. Bailey of the Forestry faculty has taken great pride in this room; and because he is an expert on pulp and paper products, has been able to set up some very interesting exhibits. His laboratory on the same floor is the best equipped for his work in the country, and no one can say he is not proud of it.

The greenhouse at the south end of the building was also closely inspected. Many nursery problems that before had been hard to solve because of the cramped quarters and lack of facilities will now be solved in this modern conservatory.

Graduate rooms, main offices, and the auditorium were outstanding on the second floor for interest. The auditorium is well equipped for running sound and silent films and has

been used a great deal for those purposes.

Well-lighted laboratories and the library on the third floor commanded special attention. The library, which is very complete and well appointed, affords a wonderful opportunity to study amid pleasant surroundings. Latest editions of research work are available, and current literature is up to date.

The fourth floor and part of the ground floor are occupied by the Lake States Forest Experimental Station.

After all the guests had been shown through the building and the various departments, the annual Forestry Club

and Alumni Banquet was held in the ballroom of the Minnesota Union. A very delicious dinner was enjoyed by everyone. Later in the evening as the after-dinner smoke rose, Mr. C. F. Forsling, Assistant Chief of the Branch of Research of the United States Forest Service, gave a short talk on the field of research as an opening for serious-minded foresters and those more capable in that line. Our own Charles F. Shearer gave an impromptu pep talk and made the fellows realize just how much they owed the State for the splendid building built for them.

So home to bed with the knowledge that now we've got it, let's see what we can do with it!



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FORESTRY



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Y



1. DOCTOR A. J. BAILEY
2. HENRY HANSEN
3. DWIGHT BENDSEND
4. DOCTOR HENRY SCHMITZ

5. PROFESSOR R. M. BROWN
6. PROFESSOR E. G. CHEYNEY
7. PROFESSOR J. H. ALLISON
8. DOCTOR L. W. REES

SENIORS



GEORGE W. ABEL

"George"

Superior, Wisconsin
General Forestry

Forestry Club. Field Experience, 1936 Superior National Forest; 1937 Forest cartographer, Douglas Co., Wisconsin; 1937-38 Assistant on resurvey, Douglas County, Forestry inventory, Wisconsin Conservation Department.



WAYNE ACKERMAN

"Acky"

Aitkin, Minnesota
General Forestry

Forestry Club; Voyageurs; Xi Sigma Pi; Foresters Day 1938-39. Field Experience—Superior National Forest 1933-34; Lake States Forest Experiment Station 1934-37; Lake States 1938.



JOHN T. ADKINS

"J. T."

Minneapolis, Minnesota
General Forestry

Forestry Club. Field Experience—Kaniksu National Forest; Chippewa National Forest; Minnesota Conservation Department.



EDMUND ANDERSON

"Andy"

Parkville, Minnesota
General Forestry

Forestry Club; Rangers Club.



DANIEL M. BENJAMIN

"Dan"

Minneapolis, Minnesota
General Forestry

Forestry Club; Linnaean Club; Peavey Staff. Field Experience—George Washington State Forest 1936; MVC Co. 1938.



BENNIE G. BENSON

"Bennie"

Stoughton, Wisconsin
General Forestry

Forestry Club; League of Evangelical Students; U. of M. Band. Field Experience—Madison Forest Products Laboratory 1936.

JOSEPH J. BLAISDELL

"Joe"

Minneapolis, Minnesota

General Forestry

Forestry Club. Field Experience—Water front director, Camp Wells, Big Lake, Minnesota, 1936-37.



GEORGE H. BOYESON

"Gawge"

St. Paul, Minnesota

Range Management

Forestry Club; Voyageurs; Delegate to Montana Conclave. Field Experience—1937 Range Research, Northern Rocky Mountain Experiment Station.



DAVID L. BRINK

"Dave"

St. Paul, Minnesota

Forest Sciences

Forestry Club; Xi Sigma Pi; Tau Phi Delta; Alpha Zeta; Linnaean Club; Phoenix Society; Gobblers; Ag. Student Council 1938; Forestry Day Association 1938-39. Field Experience—Alaska Glacial Survey 1936; Potlatch Forests 1938.



C. EDWARD CARLSON

"Ed"

Stillwater, Minnesota

General Forestry

Forestry Club; Xi Sigma Pi; Alpha Zeta; Gopher Peavey Board. Field Experience—Soil Conservation Service 1937; Division of Forestry, U. of M., 1938; Division of Game and Fish, Minnesota Department of Conservation 1938.



JOHN J. CONNORS

"Junior"

Minneapolis, Minnesota

Forest Technology

Forestry Club.



EARL B. DAHL

"Earl"

Minneapolis, Minnesota

Wildlife Management

Forestry Club; Game Managers Club.





HARRY J. DAVIS

"H"

Red Wing, Minnesota

General Forestry

Forestry Club; Xi Sigma Pi; Foresters Day 1939. Field Experience—Wisconsin Conservation Department 1936; Chippewa National Forest 1937; Tahoe National Forest, California 1938.



ROBERT C. DOSEN

"Bob"

St. Paul, Minnesota

Commercial Lumbering

Forestry Club; Tau Phi Delta; Gobblers; Y. M. C. A. Field Experience—U. S. Forest Service; Weyerhaeuser Timber Company; Thilmany Pulp and Paper Co.



ROBERT V. DUNNE

"Bob"

St. Paul, Minnesota

Commercial Lumbering

Forestry Club.



WALTON H. DURUM

"Bull"

St. Paul, Minnesota

General Forestry

Forestry Club; Hamline College.



CLARENCE T. EGGEN

"Bing"

Kelliher, Minnesota

General Forestry

Forestry Club; Voyaguers; Treasurer 1939; Bemidji State Teachers College 1935.



ALFRED E. ENGBRETSON

"Alf"

Hudson, Wisconsin

General Forestry

Forestry Club; All "U" Touchball Team 1936; Pioneer Hall Touchball Champions 1936-37. Field Experience—Superior National Forest 1936.

WARREN C. ENSTROM

"Duke"

Bovey, Minnesota

General Forestry

Forestry Club; Gobblers; Tau Phi Delta; Rangers Club. Field Experience—Oliver Iron Mining Co.; Minnesota State Forest Service.



JOHN ERCEGOVICH, JR.

"Johnny"

Gilbert, Minnesota

Grazing

Forestry Club; Rangers Club.



OSWALD H. ESTERL

"Ossie"

Park Falls, Wisconsin

General Forestry

Forestry Club. Field Experience—Edward Hines Lumber Co., Park Falls, Wisc.



KENNETH B. GARBISCH

"Ken"

Waltham, Minnesota

Commercial Lumbering

Forestry Club. Field Experience—Soil Conservation 1937; Chippewa National Forest 1938.



DONALD N. GREGG

"Don"

St. Paul, Minnesota

General Forestry

Forestry Club; Tau Phi Delta; Gobblers; Punchinello Players; Foresters Day Contest Chairman 1935; Exhibits Chairman 1936-37. Field Experience—Kankitsu National Forest 1935; Superior National Forest 1936; Columbia National Forest 1937-38.



GEORGE M. E. GUSTAFSON

"Gustie"

Superior, Wisconsin

General Forestry

Forestry Club; Commopolitan Club; Y. M. C. A.; Intramural Football.





EDWARD G. HENRY
"Green"

St. Paul, Minnesota
General Forestry

Forestry Club. Field Experience—Superior National Forest 1936-37; Cloquet Forest Experiment Station 1938.



LOUIS B. HOELSCHER, JR.
"Lou"

St. Paul, Minnesota
General Forestry

Forestry Club; Y. M. C. A.; Gamma Delta; Delegate to Montana Conclave 1939.



WAYNE W. HOLBERG
"Wayne"

Minneapolis, Minnesota
Commercial Lumbering

Forestry Club. Field Experience—E. C. W. 1936.



RICHARD D. HULTENGREN
"Dick"

St. Paul, Minnesota
General Forestry

Forestry Club; Intramural Sports.



PHILIP R. JAHN
"Uncle"

North St. Paul, Minnesota
General Forestry

Forestry Club; Voyageurs; Xi Sigma Pi; Alpha Zeta; Foresters Day Association 1936-37, Chairman Dedication Banquet 1938; Peavey Board 1939; Editor of Peavey 1939. Field Experience—George Washington State Forest 1934-35; St. Joe National Forest 1937-38.



CLIFFORD C. JOHNSON
"Cliff"

Alexandria, Minnesota
General Forestry

Forestry Club.

HERBERT G. JOHNSON
"Herb"

Minneapolis, Minnesota
Grazing

Forestry Club; Linnaean Club. Field Experience—
Barberry Eradication.



RUSSELL G. JOHNSON
"Russ"

Duluth, Minnesota
General Forestry

Forestry Club; Y. M. C. A.



VICTOR E. JOHNSON
"Vic"

St. Paul, Minnesota
General Forestry

Forestry Club; Voyageurs. Field Experience—George
Washington State Forest 1936; Plumas National
Forest, California 1937-38.



ROY W. KESKITALO
"Keski"

Virginia, Minnesota
General Forestry

Forestry Club; Rangers' Club.



ERICK P. KIENOW
"Boss"

Milwaukee, Wisconsin
General Forestry

Forestry Club; Voyageurs; Alpha Zeta; Foresters'
Day Association 1936-37-38-39; Freshmen Corpora-
tion Steward 1936; Junior Corporation Steward
1938; Student Council 1936-37; Honor Case Com-
mittee 1937, Chairman 1938; Y. M. C. A.; Punci-
nello Players; Sophomore Class President 1937; All
University Sophomore Vice-President 1937. Field
Experience—Itasca Park Biological Station 1936;
Lake States Forest Experimental Station, Dukes,
Michigan 1937-38.



DONALD E. KJELDEN
"Don"

Minneapolis, Minnesota
General Forestry

Forestry Club; Scabbard and Blade. Field Ex-
perience—E. C. W. 1935.





MILTON KRAL

"Mill"

Cudahy, Wisconsin

General Forestry

Forestry Club. Field Experience—Chelan National Forest, Washington; Milwaukee Regional Planning Department, Milwaukee, Wisconsin.



CHARLES J. KRUMM

"Chuck"

Manitowoc, Wisconsin

Game Management

Forestry Club; Xi Sigma Pi.



JOHN KRZYSNIK

"Kriz"

Eveleth, Minnesota

General Forestry

Forestry Club.



FOREST J. LANE

"Forest"

Hopkins, Minnesota

General Forestry

Forestry Club. Field Experience—CCC 1936; Deschutes National Forest 1937-38.



GOODMAN K. LARSON

"Lars"

Madison, Minnesota

Game Management

Forestry Club; Tau Phi Delta; Gobblers; Scabbard and Blade; Game Managers' Club; Bird Club; Cadet Officers' Club; Forestry Club Vice-President 1939; Y. M. C. A. Cabinet vice-president 1937; Foresters' Day Association 1939. Field Experience—E. C. W. Brule, Wisconsin 1938; R. O. T. C. Camp Fort Sheridan, Ill.



TAUNO LEINO

"Pee-Wee"

Hibbing, Minnesota

General Forestry

Forestry Club; Rangers' Club. Field Experience—Kabetogama State Forest 1936-37.

J. GLENN LIDEN
"Jay"

Minneapolis, Minnesota
Commercial Lumbering
Forestry Club; Voyageurs; Gymnastics. Field Experience—Lake States Experimental Station, Chipewa National Forest 1937.



HILLARD M. LILLIGREN
"Ozark"

Minneapolis, Minnesota
General Forestry
Forestry Club; Tau Phi Delta; Gobblers.



LOREN A. McDONALD
"Ojibway"

Park Falls, Wisconsin
General Forestry
Forestry Club; Tau Phi Delta; Silver Spur; Xi Sigma Pi; Gobblers. Field Experience—Lake States Forest Experimental Station 1937-39.



JOHN R. MCGUIRE
"Ace"

Milwaukee, Wisconsin
General Forestry
Forestry Club; Voyageurs, Xi Sigma Pi. Field Experience—Wisconsin Conservation Department.



EDWIN K. MIETTUNEN
"Mate"

Soudan, Minnesota
General Forestry
Forestry Club; Lodgers' League; Rangers' Club. Field Experience—Oliver Iron Mining Co. 1937.



LYMAN C. MILES
"Lye"

Minneapolis, Minnesota
General Forestry
Forestry Club; Photographic Editor Peavey 1939; Intramural Tennis. Field Experience—Chequamegon National Forest 1936.





WILMAR H. MONSON
"Bill"

Wausau, Wisconsin
Commercial Lumbering
Forestry Club. Field Experience—Wisconsin Conservation Commission 1936; Marathon Paper Mills Co. 1937-38.



ROBERT N. MORLEY
"Bob"

Crookston, Minnesota
Grazing
Forestry Club; Pioneer Hall Social Council 1937; Lodgers League.



JOSEPH P. OGRINE
"Joe"

Aurora, Minnesota
General Forestry
Forestry Club.



THOMAS H. OHL
"Tom"

St. Paul, Minnesota
General Forestry
Forestry Club; Phalanx; Cadet Officers' Club. Field Experience—George Washington State Forest 1936-37; Blister Rust 1934, Idaho.



MORRIS V. OLSON
"Morrie"

Welch, Minnesota
Grazing
Forestry Club; Voyageurs; Xi Sigma Pi; Y. M. C. A. Field Experience—Minnesota Forest Service 1934-37.



OLAF C. OLSON
"Ole"

Fosston, Minnesota
General Forestry
Forestry Club. Field Experience—U. of M. Soil Survey 1937-38.

ROBERT A. OLSON

"Bob"

International Falls, Minnesota

General Forestry

Forestry Club; Photography Club. Field Experience
—Minnesota and Ontario Paper Co. 1933, '34 '35
'36 and '37; Minnesota Forest Service 1938.



VINCENT N. OLSON

"Vince"

Comfrey, Minnesota

Range Management

Forestry Club; Voyageurs.



KERMIT L. OTTO

"Kerm"

Frazee, Minnesota

General Forestry and Game Management

Forestry Club; Game Managers' Club; Xi Sigma Pi.



DONALD H. OVERHOLT

"Mouse"

Minneapolis, Minnesota

General Forestry

Forestry Club; Foresters' Day Association 1939.



EDWARD A. PATTON

"Pat"

Mason City, Iowa

Forest Technology

Forestry Club; Wesley Foundation; Y. M. C. A.



SCOTT S. PAULY

"Doc"

Chippewa Falls, Wisconsin

Forest Sciences (Botany)

Forestry Club; Alpha Zeta; Xi Sigma Pi; Delta
Kappa Epsilon; President, Foresters' Day Association
1939; Union Board of Governors. Field Experience
—Wisconsin Conservation Department 1936; Beaver-
head National Forest 1937-38.





HOWARD A. POST

"Howie"

Minneapolis, Minnesota

General Forestry

Forestry Club; Voyageurs president and vice-president; Treasurer of Freshmen Corporation 1936; Foresters' Day Association 1937, '38, '39; Fortnightly Coordinating Committee; General Arrangements Chairman, Student-Faculty Reception 1938. Field Experience—Colville Indian Reservation, Washington 1937.



RALPH M. RICH

"Rich"

Minneapolis, Minnesota

General Forestry

Forestry Club.



GEORGE L. ROGOSHESKE

"Rogo"

Sauk Rapids, Minnesota

General Forestry

Forestry Club.



JOE A. RUPERT

"Pert"

Eveleth, Minnesota

General Forestry

Forestry Club; Tau Phi Delta; Intramural Hockey; Swimming.



KEN W. SACKETT

"Ken"

St. Paul, Minnesota

Commercial Lumbering

Forestry Club.



HOWARD B. SCHMITZ

"Perp"

Spooner, Wisconsin

General Forestry

Forestry Club, President 1939; Tau Phi Delta; President Cloquet Junior Corporation 1938.

ROBERT F. SCHOENSEE

"Bob"

Milwaukee, Wisconsin

Commercial Lumbering

Forestry Club; Voyageurs; Gamma Delta; Foresters' Day Association 1939; Secretary of Forestry Club 1939. Field Experience—Indian Forest Service, Washington 1937; Wisconsin Conservation Department 1938.



CARL B. SCHOLBERG

"Carl"

Stillwater, Minnesota

General Forestry

Forestry Club.



VINCENT D. SCHURR

"Vince"

St. Paul, Minnesota

General Forestry

Forestry Club. Field Experience—Chippewa National Forest 1934.



KURT S. SEALANDER

"Karp"

Kenmore, New York

Forest Technology

Forestry Club; Chi Phi; Boxing and Wrestling. Field Experience—Spaulding Fiber-Paper Mill Co.



DONALD F. SEEBACH

"Seeb"

Red Wing, Minnesota

General Forestry

Forestry Club. Field Experience—Paul Bunyan State Forest 1936; Wisconsin Conservation Department 1937; Upper Michigan National Forest 1938.



OGDEN L. SCHUTES

Bloomington, Illinois

Commercial Lumbering

Forestry Club; Lodgers League.





HERBERT F. SORENSEN

"Herb"

Little Fork, Minnesota

Commercial Lumbering

Forestry Club; Y. M. C. A.; Lutheran Student Association. Field Experience—Chequamegon National Forest 1936.



E. THOMAS STACEY

"Tom"

Saginaw, Michigan

Forestry Club; Delta Chi. Field Experience—U. S. F. S.



EDWARD J. STANEK

"Ed"

Milwaukee, Wisconsin

Wood Technology

Forestry Club; Ag. Union Board. Field Experience—Wisconsin S. C. S.



ROBERT V. STOLPE

"Torchy"

Hibbing, Minnesota

General Forestry

Forestry Club; Xi Sigma Pi.



JOHN N. TAYLOR

"Johnnie"

Rapid City, Minnesota

General Forestry

Forestry Club; Tau Phi Delta; Gobblers; Student Council 1937. Field Experience—B. R. C. Idaho 1937; Private Forest Estate, Joffrey, New Hampshire 1938.



GORDON M. TRYGSTAD

"Tryg"

St. Paul, Minnesota

General Forestry

Forestry Club; Y. M. C. A.

FRANK E. TUCKER
"Tuck"
Deer Creek, Minnesota
General Forestry

Forestry Club.



DAVID B. VESALL
"Dave"

Stillwater, Minnesota
Game Management

Forestry Club; Game Managers' Club; Xi Sigma Pi; Alpha Zeta. Field Experience—Carlos Avery Game Farm 1937-38.



ROBERT M. WARNER
"Bob"

Minneapolis, Minnesota
General Forestry

Forestry Club. Field Experience—Paul Bunyan State Forest 1935; Superior National Forest 1936, '37; Shawnee National Forest and Illinois State Forest Service 1938.



W. BRUCE WEBER
"Ace"

Belleville, Illinois
General Forestry

Forestry Club; Camera Club; Chi Pi.



CHARLES H. WHITE
"Chuck"

Madison, Wisconsin
General Forestry

Forestry Club; Xi Sigma Pi; Tau Phi Delta; Gobblers; President, Xi Sigma Pi 1939; Steward, Freshmen Corporation 1937; President, Junior Corporation 1939.



KEITH J. WHITE
"Bob"

Morris, Minnesota
Commercial Lumbering

Forestry Club. Field Experience—CCC 1936.





ORVILLE A. WITHEE
"Orv"

Minneapolis, Minnesota
General Forestry
Forestry Club. Field Experience—U. S. F. S. Timber Survey, Oregon 1937; Columbia National Forest 1938.



RICHARD C. WITHERELL
"Dick"

Sartell, Minnesota
Commercial Lumbering
Forestry Club. Field Experience—Watab Paper Co., '35 and '36.



ALDEN WOULTEE
"Woult"

Floodwood, Minnesota
General Forestry
Forestry Club; Y. M. C. A.; Punchinello Players.
Field Experience—Yellowstone Park, '37.

MIKE HERNYAK
"MaMa"

Chisholm, Minnesota
General Forestry
Forestry Club.

PHILIP L. HUNTLEY
"Phil"

Hill City, Minnesota
General Forestry
Forestry Club; Y. M. C. A.; 4-H Club; Christian Science Organization.

Class of 1940



Melvin Aaberg
Richard Ahern
Walter T. Anderson
Robert Bilstein
Charles Binger
Albert Becker
Eldon Behr
Samuel Bickford
Robert Bingham
Lemuel Blakemore
Douglas Boardman
James Brooks
Clarence Buckman
John E. Carlson
John K. Childs
Keld Christensen
Robert E. Clark
Gordon Coffin
Gordon Condit
Norman Conrad
Julius Dingle
Harry Enderson
Walter Erson
Joe Finnegan
Robert Gewalt
William Giles
Robert Hagmann
Ralph Goddard
Robert Helgeson
Joseph Hess
Virgil Hogdal
R. Wm. Hosfield
George Isaacson
Clifford C. Johnson
Howard Johnson
Robert Johnson
Julius Jurek
Laurie Kallio

Wilho Kemp
James Keogh
Thomas Klich
Everell Knosp
Richard Knox
Erick Kurki
Charles Larson
Myron Latimer
Allan Lee
Veikko Levander
Lief Lie
Irving Lifson
John Lindberg
Joseph Meltz
James Michels
George Nelson
Leo Nelson
Ralph Nelson
George Olson
Leonard Orvold
Warren Parker
Thomas Partridge
Tony Perpich
Kenneth Peterson
Leonard Prusak
Glenn Rotegard
Leonard Rowson
John Ruspino
Jack Scott
Clare Sheelar
Anthony Squillace
Maurice Steensland
Ernest Stoeckler
Walter Talbert
Robert Teitgen
Frank Usenik
Robert Wagle
Douglas Welch

Class of 1941



William E. Anderson
 Milner Andrews
 Millard Axelrod
 Robert Barkovic
 Wilhelm Beckert
 Bennie Benson
 Robert D. Benson
 Eugene Berenbach
 Morris Blackburn
 August Block
 Robert Boos
 Lawrence Brown
 John Burt
 Carl M. Carlson
 Donald M. Clark
 Robert Clark
 Chester Cox
 John Custer
 William Derox
 Donald Diessner
 Ian Dods
 Sumner Dole
 L. A. Dykstra
 Clifford Egeland
 William Elkins
 Arthur Eustis
 Martin Florine
 Joseph Foley
 Earl Frank
 Albert Freeman
 Warren Gilbertson
 Lloyd Gillmor
 Wilbert Graupman
 George Gruner
 Forrest Hales
 Walter Hammond
 Robert Hampel

Harvey Hartwig
 Warren Hastings
 Miron Heinselman
 Daniel Helms
 Joseph Hoffman
 Glenn Janitz
 Lawrence Jendro
 William Jipson
 Russell Jongewaard
 William Kalton
 Darius Kask
 Royden Knowles
 George Kobler
 Jerome Kuehn
 Donald Ledin
 William Lehmkuhl
 Edwin Lehner
 Vincent Lindstrom
 Duan Linker
 Kermit Lodin
 Lee Lohmer
 Edward Loomis
 Thomas MacKenzie
 Derwood Ludtke
 Norton Mandelbaum
 Keith Markuson
 William Martin
 Carrol Mattlin
 Galen Maxfield
 William Mitton
 Charles Moore
 Donald Murray
 Marshall Nelson
 Charles Neviasky
 William Nicholas
 Robert Nichols
 Leonard Oja

Forest Olson
 Earl Osborne
 Howard Osmundson
 Douglas Parsons
 Milton Pastornak
 Randall Peavey
 Joseph Peterson
 Robert D. Peterson
 Sidney Peterson
 Gordon Richmond
 Sedgwick Rogers
 Raymond Sackter
 Calvert Sandberg
 Lowell Sandmann
 Orlando Severson
 Emil Shabatura
 Ogden Shutes
 Milton Skoglund
 Marvin Smith
 Walter Solstad
 Donald Spotts
 Howard Stiehm
 Richard Stromberg
 John Sweeney
 Eugene Thies
 Harold Todd
 Carl Wallin
 Robert Wangerin
 John Weber
 Kenneth Wavell
 Willard West
 Eugene Whitney
 Morris Wiberg
 Orville Withee
 John Wishart
 Norbert Zamar
 William Zauche

Class of 1943



Alan S. Anderson
Donald L. Andersen
Ralph Leo Anderson
Robert Andre
Sherrill Angstman
Herbert Orrin Arestod
Jay S. Armstrong
Golden Batdorf
Robert Blomberg
Robert John Boles
Robert Hoyt Brain
Howard Branigan
George Brown
John H. Brennan
John Brogan
Eugene Hall Chatfield
Robert Eikum
John H. Evenson
Carl A. Ferm
James Finnie
Robert Vincent Fullerton
Martin I. Furlong
Paul N. Goodmonson
Quentin Gustafson
Alfred Halverson
Raymond Henke
Johnathon Henbold
William Holte
Theodore Vernon Jacobson
Lauri Olair Jarvi

Donald E. Johnson
Arthur A. Johnston
Winston M. Laughlin
Albert Lavarato
Arnold Logan
Thomas Milner
Raymond L. Moe
James Sumner Moyer
George R. Nelson
Theodore C. Nordquist
James Ogden
Alden Clifford Peterson
Gale Poehler
Robert Ringer
Earl Arthur Rood
Stan Rotegard
Erwin H. Schacht
Fred B. Sheel
Charles Schlesinger
Francis M. Shipp
Robert J. Snow
Norbert Socha
Brenton Sole
Nick Subak
Walter Swanson
Hugh Turnbull
Bob E. Van Valkenburg
Richard Warner
Erling M. Weiberg
Lloyd Williams

There Is Work to Be Done

by Frank Kaufert, '28

Ten issues of the Gopher Peavey have come and gone since its revival in 1929. Ten crops of graduates have passed through the mill and started on their way. Whether these years prove momentous when viewed in the light of accomplishment and advancement by the forestry profession or whether they prove "the most sterile years of American forestry" only historians will be able to tell us. To say that the graduates of '29 were faced with the same problems you face today would be assuming the role of a smug historian a bit prematurely. Therefore, this shall not be history except in so far as happenings of the last decade appear to influence the forest products industries to be discussed and students specializing in forest products, to whom this attempt at essay is addressed.

The domain of the forester has increased tremendously in the past ten years through expansion in federal and state forestry activities, the addition of the recently grown-up fields of game management and soil conservation, and a mushrooming of research activities. Emphasis has been shifted to some extent from timber growing for the forest products industries to so-called "multiple use forestry". However, our forest economists, silviculturists, management force, pathologists, entomologists, in fact, practically everyone having to do with forestry is interested in timber growing—the production of raw material for the wood utilizing industries.

There has been a trend away from the timber famine scare. The Forest Survey has contributed tremendously to our knowledge of forest inventories

and has almost single-handed put to route the harmful bogey "timber famine" that dogged us. Numerous publications by the Southern Forest Survey have provided a pretty accurate picture of the South's timber resources. Mother nature appears to have been kind to the South, because despite the worst type of past exploitation and only slowly improving present forestry practices, the South is growing and is capable of growing timber to supply its present industries, with enough to spare for all possible expansions. The findings of the Lake States Forest Survey are equally startling and impressive. A digestion of these findings leads one to believe that previous information on this region painted conditions at their worst. The average per acre growth figures for the Lake States cannot be scoffed at. The picture for the Pacific Northwest is no less encouraging except that recurring flaming holocausts, such as Tillamook, may drastically change those figures at short notice.

The condition of our present stands and growing stock is not to be compared with what it once was. History is interesting but to dwell on it is to evade the real issues. It is possible by comparison with conditions of a hundred or more years ago, to utilize the data we have obtained through such valuable endeavors as the Forest Survey to paint a picture so dark and forbidding that the worst gloom predictor would be put to shame. If, however, we accept things as they are, recognize what we have to start with, and add to this what is daily being learned through research and experience, it seems safe to predict that our

forests can produce sufficient raw material to supply every demand. The optimism evinced above regarding the present and possible future condition of our forests does not mean that there should be a decrease in forestry effort. Judging from the experience of other nations and making a last resort to history, it appears sound to assume that every acre of land suited for timber production and not needed for agricultural or other uses, should be encouraged and made to grow its crop of timber. The chances of having an over production of timber should not be as great or have as serious consequences as in the case of agricultural crops.

Better utilization and utilizing more of the timber we are producing, stabilizing the forest products industries, adding new industries, enabling the the lumber and other forest products industries to better meet the ever increasing competition of substitute materials — these are the problems of every forester and the particular concern of you who are specializing in this branch of forestry. The mere mention of industry may cause some to shudder. But despite taxation, criticism, some just and some the mere views of dreamers, industry is still with us — changed from 1929, ever changing, struggling to keep abreast or ahead of the times, as bad and as good as it is possible for the imperfect creature called man to make it. There is plenty of room for idealism and for changes for the betterment of the employer and employee. There is and should be more room for the well trained, energetic young forest products graduate who can or wants to get in.

Unfortunately, few of those trained in this field of endeavor have tried hard enough or have succeeded in entering it in the past. During the happy-go-lucky twenties and booming mid-

thirties it was too easy to sell insurance or to find more lucrative and less exacting employment in other fields of forestry. With fourteen hundred graduates predicted for 1939 there are bound to be plenty of well trained candidates for positions in all fields of forestry. The same probably holds for the insurance game. With these facts recognized, it appears that industry offers the forest products graduate of today the most promising field of employment.

Take the case of the age old and valiantly struggling lumber industry. There have been real advancements, and changes are occurring daily. Despite these changes and advancements, its leaders are the first to admit that there is need for new ideas, forged and promoted by the enthusiasm of youth.

If a genuine need exists for well trained energetic young men in the lumber industry, and such is unquestionably the case, there should be some way of better tapping this possible source of employment. How are you going to get in? That's a tough question to put to anyone. You can try starting at the bottom and learning as you go. This has been done by others before you but possibly under somewhat different circumstances. It appears to be harder today. You may need a union card and may find that advancement is limited by its possession and by the years you have carried it. Granting that the activities of unions have improved the lot of industrial workers tremendously, this one criticism can honestly be made of them. They have made it harder for the young and ambitious, for the well trained and energetic to carve the place they often deserve. Another alternative is to take advanced work. If your undergraduate record has been satisfactory, you may through special-

ization in some field of the lumber industry approach it as a specialist with something concrete to offer.

These are well recognized possibilities but they do not appear to be the real answer. The lumber industry has been slow to recognize what other industries have accepted for years, that its future in a highly competitive field depends on the caliber of young men it seeks out and employs. Representatives of competitive industries annually comb the universities for promising young men. The schools of engineering and chemistry are their happy hunting grounds. But due to its loosely organized and widely scattered nature such a procedure is difficult for the lumber industry to follow. This has been true in the past and with changes slowly wrought it is almost equally true today.

What is needed has been suggested by numerous individuals, among them leaders of the lumber industry. This is—a separate organization, or some addition to a few leading schools, or possibly to the Forest Products Laboratory — a post graduate training school where the problems of the lumber industry can be studied; a place where a superstructure of training and tempering can be added to the sound base that should have been laid by the forestry school staff and the energy and application of the student; a place where the widely scattered and disjointed units of the lumber industry can come for new blood. In expressing this view there is no attempt at originality. This need is recognized by everyone conversant with the organization of the lumber industry, with the overwhelming problems already burdening the able staff of the Forest Products Laboratory, and with the facilities of forestry schools available for such instruction. It would give our forest products graduates with

sound training at least as good a chance of entering industry as is available to graduate engineers and chemists.

To permit the lumber industry to carry the entire responsibility is failure to recognize facts and making unfair comparisons with other industries that are large, closely organized, and function independently. They are able to employ graduates and train them for years with little possible return in hope that they will in time make worthwhile contributions.

It has been said that if the lumber industry needs technical and engineering skill, the engineering schools and their graduates can make more worthwhile contributions than the forestry schools and forest products specialists. Granting the importance of engineering skill to the lumber industry, there is need for individuals with an interest in and enthusiasm for the uses of wood with the firm conviction that our forests can be made to furnish wood for every purpose. Such training and conviction every forest products graduate should have.

There is room enough for both groups in the lumber industry. More knowledge makes for greater honesty, honesty builds confidence, and confidence we and the lumber industry need.

Wood preservation was suggested by your editor as the topic for this paper. It appears that considerable liberty has been taken in concocting the above rambling account of beliefs and convictions. Much can be written about the advancements made and the problems still facing the wood preservation industry. It is expanding but is beset by no less serious problems than the lumber industry. In the heavy treatment field creosote still rules. Its rule is troubled but sure.

Odor, color, bleeding, lack of uniformity, failure to protect wood against certain forms of marine life — these are some of the problems facing the creosote specialists. The next big expansion in wood preservation looms in the specialty field; dimension products for outdoor use, all forms of building material, and especially mill work. Competition has brought this about and much progress has been made. Through research a wide variety of water and oil soluble preservatives has been added to the list of wood preservatives once limited primarily to creosote and zinc chloride. Their merits will be established by experience. Some will unquestionably fail. New and, we hope better ones, will be added. Stagnation does not appear to be a possibility in this field. If you are interested in industry and looking for an object lesson in what can be accomplished and has been accomplished through application, energy and enthusiasm, you will find it here. It is credited to one who helped revamp the Gopher Peavey a decade ago. The creation of a thriving business, founded in the worst depression years when opportunities for forest products graduates were more limited than they are today, is an accomplishment. It is not being hackneyed or trite to say that what has been done once can be done again, and that the progressive field of wood preservation offers opportunities to the forest products specialist with added sound training in forest pathology and entomology.

To mention entomology brings up a fresh subject — the control of termites and other insects attacking wood

— the field usurped and abused by the generally unscrupulous, poorly trained, and illy informed termite operator. They, the termite controllers, have done wood more damage than have termites. Some of this has been due to lack of scruples and to greed but a greater proportion is due to lack of information. It has grown to be a large industry but it is hard to find its counterpart. Lack of training in entomology is as much the fault of termite operators as lack of knowledge of wood. Here is an opportunity for the forest products graduate with knowledge of wood and training in entomology. It is a highly competitive game in which honesty and knowledge may often prove handicaps, but in the long run they should win out and aid this growing profession to adopt higher standards.

Much could be written about other of the forest products industries but it would necessarily be in the same general vein. Completion of a crowded four years often produces a certain degree of apathy, too firm a conviction that all has been done, that all problems are settled. At graduation, the only possible employment may appear to be through replacement of someone less fully equipped or well trained. There is apt to be too great an acceptance of the status quo.

Rather than write on a specialized topic, list accomplishments, and record history, an attempt has been made to point out a few of the problems before us, which, through diligence and perseverance, by better equipping yourself than those before you, you can help solve.



The Growth of the Commercial Lumbering Curriculum

by Ogden Shutes and Glenn Liden

Growth and progress are the results of one's ability to accurately visualize and analyze the future trends, and they are also the results of the whole-hearted devotion of one's time and talent to that end. It is upon these basic fundamentals that the growth of the Commercial Lumbering Curriculum depends and these fundamentals have been kept in mind during the development of the Commercial Lumbering curriculum. This has materialized and the Commercial Lumbering curriculum was included in the Division of Forestry. But the question might be asked by those less familiar with the situation as to what progress has actually been made.

In the first place, with the construction of Green Hall, in 1938, there came the all important improvements in laboratory facilities. The conditions today under which Commercial Lumbering students work in our school are ranked with the best in the country. A mechanical and physical properties laboratory; roomy, well-lighted, and with the best of equipment, is a decided advantage in gaining the maximum knowledge. A small dry kiln, electric drying ovens, a standard testing machine and various miscellaneous apparatus meet the requirements for determining the physical as well as the

various strength properties of wood. Likewise in the study of the structure of wood, students work under the best conditions.

Secondly, because the school foresaw the inevitable keener competition of the future and recognized the need of more adequate and better professional training, improvements in courses have been made. As far back as 1910 such subjects as lumber manufacture, forest by-products lumbering, wood preservation, wood testing, and forest mechanics were offered. Later, economic and business courses were added and prior to 1922 it was possible to obtain a major or a minor in forest products. Today the curriculum gives the student a very thorough training in the structure, properties, and uses of wood, and a good foundation in the fundamentals of business. The curriculum includes 11 hours of agricultural engineering, 16 of biology, 62 of professional subjects, 10 of chemistry, 15 of mathematics, 24 of business, 32 of economics, 9 of psychology, 15 of rhetoric and 10 of electives.

The revising of the commercial lumbering curriculum has made the course an increasingly attractive field for the incoming student who wishes to prepare himself for a position in the lumber industry.



Common Sense in High Gear

by Lyall Peterson, '31

ARE you intrigued with my enigmatic title. Or don't you care about the rationalizing of a national forest planner? But perhaps some of you fellows (as one Minnesotan to another) can straighten me out. Lately I've been thinking that my old idea of planning, as some new profession akin to an art, is a delusion. The notion keeps recurring that simplicity is the essence of planning.

I can picture some of my friends now—conjuring visions of plans for management, fire control, recreation, flood control, etc. But let's dismiss those operational plans for now and think of one covering the use and development of a county's resources for the immediate purpose of giving every family a minimum living standard of decency, and for the long-time purpose of bringing about the greatest possible social gain. Looks like a tough assignment for most any county. And yet, somehow, it can't be impossible because, if it is, we are foredoomed. If we develop a program consisting of a highly scientific display of data, conclusions and warnings, we'll have something impressive to show one another, but how about this distressed county? Can we dump our highly technical plan in the laps of the county residents—the people who will have to live with it and nurse the program along to make it work? You certainly agree that we must work together with these people from the start, and develop something which can be spelled out in local vernacular. The scheme boils down to a process of

combining three elements somewhat as follows:

$(6 S + 100 F) \times P = A$ d.!..!..!
good program.

In this formula S = scientists, such as soils experts, economists and foresters; F = farmers and other representatives of local interests; and P = the planner or (if you choose) the coordinator of S and F. The element P is no more or no less important than the other two, but it does seem to be essential. Such a planner might be a forester gone wrong (?), but he cannot be a forester per se.

Before someone exposes or sues me for libel, let me hasten to admit that the idea I am trying to convey is that of County Agricultural Planning, now featured by the Department of Agriculture. It is an utterly logical yet apparently idealistic procedure for helping the nation's farmers to help themselves; through a unified program of agricultural adjustments (that's my interpretation). A true test of this procedure will come next year when certain definite programs are developed for one experimental county in each state. Of course nobody expects a Twentieth Century renaissance as a result of County Agricultural Planning. What we do seek, however, is the best possible use of all resources through planning methods which are typically Democratic. Those who expect immediate and perfect results will most certainly be disappointed. That's axiomatic with planning—with all human endeavor.

Getting back into our bailiwick — how about the forester as a planner? I have heard it said that any good forester is a planner, but does that mean anything? One might argue that the one-time street-cleaner, following old Dobbin up the street, was also a planner. You can see we are getting nowhere, so let's consider a hypothetical forestry problem.

In Brown County, Minnesota, 70 per cent of the county land area has been acquired by the Forest Service and proclaimed as the Schmitz National Forest. We took over this area despite the fact that large parts of it have been "milked" by that lumber baron, Cheyney; leaving behind a small community of under-nourished relief clients. (Why, Mr. Cheyney!)

The County residents, realizing their plight, have organized community and county land use planning committees for the purpose of studying the situation and developing a sound program. Supervisor Allison with 20 per cent of the county's land to look after has his problem too. He looks the situation over and considers what needs to be done.

Thanks to the New Deal, Allison and a few county officials are able to swing a W.P.A. project as a means of solving the **immediate** unemployment problem. Now, in working towards permanent security of all local families, the Supervisor considers the elements of his national forest administrative job. He wants plans — operational plans for fire control, timber management, recreation, roads, wildlife, flood control and forest farming. Having specialists in all of these angles he could simply say, "Here, you fellows go out and get the dope, and then we'll piece it together and live happily ever after." Supervisor Allison, however, wasn't passing up any bets.

He realized that his men could work to best advantage with the local committeemen, who were attempting to work out a plan for the entire county, of which his Forest was a **part**, and so he said:

"Now men, I want Axel Bjorgum to work with you on this job, and I want all of you to work with the local people through their committees. Axel has a tentative outline here for classifying all of the lands we now own or may be interested in. This classification will give us an inventory of what we have and it will also indicate the ultimate possibilities. We want a plan for getting the most possible good out of this Forest, but the County also wants a plan in which the Forest is an integral part, but not the whole works. Please keep that in mind. There will be a lot of data to get together besides the classification—when you get it all worked up and shaken down I hope to see a program on paper that will work. Now go to it; I'm asking Axel to keep in touch with me on progress."

One year flits by. In the Supervisor's office are gathered the technical men, a group of local leaders and Axel. Allison, I can see, is tickled pink as he listens to all of the men expounding on the virtue of a **coordinated** plan of **action**. On the big map stuck up for display they point out various areas. Here's a tract outside the national forest that should be purchased because it has some good timber and is needed to help supply the old sawmill, which is being renovated. Operation of this mill, with a sustained timber supply, will mean permanent security for 20 families. Several other spots are needed for recreational developments. Other places on the map, it appears, are questionable. Perhaps

one of these is clearly submarginal, but John Jones is living on it, and Jones is poor and needs a place to live just now. We'll fix up the house, they decide. For \$100 or so Jones can have a new roof, a better foundation, screens, and a few other vital necessities. Jones can probably be given some road and trail work, too, so it won't be necessary for him to plow the submarginal land, except for a little garden plot. When times get better, Jones will be able to move his family out, perhaps down into the community center, where the kids can find playmates. Mr. Jones, it seems, is **all** important in this program. There are many like him, both inside and out of the national forest, and this first county program shows how they all fit into a master pattern.

And so they talk it all over and finally decide on what to do and how to do it. At this juncture, the Supervisor makes a few closing remarks. "My friends, please accept my sincere congratulations and thanks. I congratulate you on a good piece of work, and thank you for making such a snap out of my job. I know that nobody is kidding himself that the job is finished—in fact we've just begun,—but what a start! I know better what my duties are now, and so do all of you. Let's pull together."

The group files out of the Supervisor's office. Axel stays behind. "Well," says Allison, "this coordinated program-building idea is simple, after all." "Oh, sure," says Axel, "planning is just common sense in high gear—I hope!"



Come and Get It!

The following is an unexpurgated criticism of the Foresters written especially for the Peavey by two Home Ec's, who wish to remain anonymous. In it our graces are recognized and our errors are aired.—(Ed. note.)

So you want the lowdown on what the Home Ec's think of the Foresters, do you? You're biting off a large mouthful but we'll try to make it as tasty as possible. Think you can swallow it?

It is only ethical that, as members of our worthy profession, we should consider this discussion as a problem in Quantity Cookery. Are you ready?

First of all, we'll need a large mixing bowl—Green Hall will do. To about 360 foresters, add 45 cups of high-water pants, sprinkle in 42 cans of hob-nailed boots and about 112 bunches of checkered wool shirts. Add some lettuce (for roughage) and throw in a few birling logs pickled in mill ponds. Stir slowly with a peavey. Season well with pine cones, creosote, and some peppery criticism. Yell "Chain," beat to a pulp, and place on hot coals.

"Foresters ala Home Ec" is not a new dish by any means. It has been the favorite with a good many girls for a long time, only no one has asked for the recipe before. We're sort of glad that you did—we like cooking over an open fire once in awhile. Before we continue though, we'd like to remind you that this batter is mixed in all sincerity and we hope that the leavening agent we use throughout will keep it from falling flat.

First of all, we **definitely do not** think of foresters as fresh or hard-boiled eggs—or as crude roughnecks who chased Paul Bunyan out of the Great North Woods. You really are

a strange species, though. We would classify you as hardwoods if it weren't for the fact that you are all mighty softwoods at heart. Lead us to the "corny" guys who called you ill-mannered rowdies and we'll give them the axe. Statistics prove that only a few foresters are not gentlemen, and there is a difference between a sissy and a gentleman. Besides, we like the woody outdoor "duck-pheasant-and-wild rice" flavor. It is different and real.

It seems, however, that the flavor depends on the most important process of all—the baking—and that process depends entirely upon the cook. Some Home Ecs like their foresters well-done and cooked to a tender golden-brown; others prefer them rare and a little tough. In a few cases you will find some "sweet young thing" who insists that no matter how you mix them up they always turn out half-baked or burned to a fizzle. We pine for these mistaken creatures, but we ponder over the fact that the taste has fallen flat at times!

Is something wrong? Many of you have noticed of late that Foresters haven't been served in **any** style on the campus menu. To be quite blunt, you older fellows (juniors and seniors) are getting sort of moss-covered, or something, and the saplings (freshmen and sophomores) are following in your tracks. You've learned your lessons well—you old fire-fighters, you. Who, please tell us, blew out the flame? Isn't there even a spark of enthusiasm left in the old slash? You have let the Ags keep the home fires burning and you haven't even helped chop the wood. We're referring to the lack of cooperation and support of campus activities. YES! And we do mean

YOU! Some of you are in such a rut that you didn't even support your own Forester's Day—the dance in particular. Deadwood!! Shame on you!!

Though some of us had given up hope, your grand wholehearted support of the Union drive proved that there are some burning embers. How about a good blaze? Why back in the old logging days of '36, '37, and before, you were the big college on the

campus. Why not make a comeback—we're game to help.

Come on! Jump out of the frying pan into the campus stew. We'll place you on a platter and garnish you with sprigs of *Juniperus scopulorum* and serve you with cream (we won't whip the cream—you have taken enough of a beating already). It should make a savory dish that even the most delicate of Home Ecs wouldn't mind swallowing.

Come and Get It!



Graduate Work In Forestry

Realizing the need for more adequate training in professional forestry, the Division of Forestry at the University of Minnesota adopted a new five-year curricula in the fall of 1938. These professional curricula are designed to meet the increasingly rigid requirements for the practice of professional work in the many fields of forestry. The wide range of knowledge required in the fundamental biological, social, and physical sciences, together with the ever-increasing number of courses in technical and professional forestry require five years of work.

The B.S. degree received at the end of the fourth year is not a professional degree, but the M.F. (Master of Forestry) received at the end of the fifth year is a professional degree and entitles the holder to take the Junior Forester Civil Service Examination. This fifth year, designed to be of graduate level, will not go into general effect until the freshmen of this year are in their fifth year.

At the present time, and for the next three years, the graduate with a B.S. degree in forestry may take a master's degree by one of two methods. First, he may complete 27 credits, 18 in his major field with a grade of not less than B in any course, and 9 in his minor field with not less than C in any course. In addition, he must have a reading knowledge of one foreign language, German or French or some other language by special permission, and submit a thesis on some approved subject in the field of his major. Second, he may substitute 18 credits for a thesis and receive the degree in the same manner as outlined under the first plan. All credits and other work must be in closely related

fields and approved by the major advisor.

In order to receive a doctor's degree, the student must have a reading knowledge of two languages and must submit a thesis requiring a great deal more research work. He is also required to have more credits, although the number is not definitely stated.

The Division's fully equipped building gives the graduate students very adequate facilities and excellent opportunities for research work. There is a graduate study room with individual desks, a large well-equipped graduate laboratory, and an excellent greenhouse available to the students interested in research. The Cloquet Forest Experiment Station, with its 3,000 acres of timbered lands, together with its fine equipment and facilities for research, is also available to graduate students during the summer months or at any other time their work requires them to be there.

At the present time there are nine graduate students—four working for doctors' degrees and five for masters'. These students have been graduated under the old four-year plan and are taking their graduate work in the regular manner. The research problems they have chosen cover a wide range of forestry work. Some of the problems are: management of community forests; root studies of jack pine; site classification of jack pine; germination studies; research in wood anatomy; growth factors of Norway pine; and sand culture experiments with jack pine. These problems have proven very interesting and, although the conclusions reached may not be fully established facts, the students have a better understanding of research methods and technic.

Game Management Curriculum

by *David Vesall, '39*

WE who are living in this age of science and industry have learned to control almost everything except the exploitation of our natural resources—one of which is wildlife. While scientists have been exploring the universe and the fields of chemistry and physics, our wildlife population has been rapidly decreasing. Man can not live successfully and happily by means of factories, laboratories and automobiles alone! For, of what value is man's industrial power if his lands are not pleasant to see and enjoyable to live in?

The game managers' intention is to make our land more pleasant to see and more enjoyable to live in by restoring wildlife, as much as possible, to its former abundance. Wildlife was destroyed by the axe, plow, fire, grazing, and gun. The game manager's purpose is to restore wildlife by the proper manipulation of these same factors which destroyed it, and by the application of knowledge gained in such fields as chemistry, forestry, botany, parasitology, bacteriology, zoology, and biology to wildlife problems.

According to Aldo Leopold, "Game management is the art of making land produce sustained annual crops of wild game for recreational use." For successful game management, a thorough knowledge of the environment and of the inherent characteristics of the game species is necessary. Courses in field work offered in forestry acquaint the wildlife manager with the environment of the game animals. Such courses as botany, dendrology, silvics, silviculture, and forest regulation, when put into actual practice and when properly applied, will have a di-

rect effect on wildlife through regulation of the environment. The economic and esthetic value of wildlife is so great that forestry operations should be put into effect only after wildlife has been given due and proper consideration. For this reason it is essential that the game technician have a sound understanding of all forestry practices, finance, and economics.

The subject matter of the more specific game management courses does not consist entirely of making study skins of mice or of collecting fecal samples, as many foresters who attend the Cloquet field session are led to believe. A general idea of the game management curriculum can be had by glancing at the major sequence of courses: comparative anatomy, animal parasitology, animal ecology, economic vertebrate zoology, water fowl and upland game birds, mammalogy, game management, field zoology, technique, game food plants, bacteriology, genetics, faunistic zoology, and ornithology.

The game managers curriculum is well developed and quite inclusive. However, there is a need for some course that would bring together and correlate, as much as possible, the various viewpoints of the forester and the game manager.

In the fall of 1937, the Wildlife Managers' Club was granted formal recognition by the University of Minnesota. The club is strictly professional; speakers are called in and open discussions on wildlife issues are conducted. Miss Rhoda Green, a student in the College of Agriculture, is the "one" and "only" girl in game man-

agement. She is the secretary of the club for the second continuous year.

The art of game management is still in its infancy, and the employment prospects for graduating seniors

could be better. Nevertheless, we game managers are preparing ourselves in a field which has wide future possibilities, and one in which we are all intensely and sincerely interested.

The General Forestry Curriculum

by Howard Post

The general forestry curriculum is only one of the six curricula offered to the forestry students at Minnesota. But perhaps "only" should not be used, for general forestry is the first and oldest curriculum in the Division of Forestry.

As early as 1897, Professor Samuel B. Green saw the need of forestry education and introduced into the horticultural curriculum two elementary forestry courses. These courses dealt primarily with farm forestry and forest influences. Other forestry courses were added and, in 1899, one man, Professor H. H. Chapman, now Hariman professor of forest management at Yale, was graduated who was definitely classified as a forestry student. By 1907 a separate curriculum was established in the College of Agriculture for forestry students.

The interest in forestry gradually increased, and, in 1910, Professor Green finally convinced the administration of the far-reaching benefits that would accrue to the State from the establishment of a Division of Forestry. In that year the Division of Forestry was established with Professor Green as the first dean.

Since Professor Green first recognized the need for forestry education at Minnesota, forestry, both in curriculum and concept, has changed

markedly. From that small beginning, when only one forestry curriculum was offered to the student majoring in forestry, the division has grown to a point where the student may specialize in any one of six curricula—four of them professional and two technological. The curricula have grown from the point where it was difficult to offer enough courses to constitute a major in forestry to the point where it has become necessary to add another year's study to each of the professional courses. The field has developed so extensively that it is now necessary for the student to devote five full years to study before he is professionally qualified in his field.

A student who graduates after specializing in general forestry must not only be well versed in the fundamentals and principles of forestry, but he must also have a working knowledge of many other sciences. During the four years of lecture and laboratory work, the student is not only fully exposed to forestry and closely related fields, but also to the sciences of geology, zoology, mathematics, economics, chemistry, and various other sciences that he may select.

The thoroughness of this training is emphasized by the success with which graduates have obtained positions throughout the United States and the

world. In every forest region of the United States, Minnesota men can be found distinguishing themselves in the field of forestry. Many of the outstanding universities also have Minnesota men on their forestry school faculties.

Private industry has claimed many graduates of this school for management work, logging supervision, surveying, and administrative work. Numerous private and state forests and experiment stations have Minnesota men on their staffs conducting timber

sales, doing cultural and educational work, and carrying out experiments.

The activities of the graduates from the general forestry curriculum, however, have not been entirely limited to the United States. Men from this school have aided materially in furthering forestry in Liberia, Chile, Hawaii, New Zealand, the Philippines, and the Central American countries.

With this thorough training, the graduating senior feels that his years of study in the general forestry curriculum have fitted him for technical work in public and private fields.

The Forest Technology Curriculum

With a growing need for professional men trained in the field of Forest Technology, the Division of Forestry instituted, along with other curricula, a new Forest Technology Curriculum in the fall of 1938. The diminishing lumber market and the increase in substitutes for wood and wood products have compelled the forest products industries to improve the products already on the market, to develop new products, to cut operating costs, and to find new markets. To keep astride with competitive fields the forest products industries have found an increasing demand for men capable of coping with the new technical and administrative problems arising from this vigorous competition. Their need, then, is for men who have had a training emphasizing basic sciences and economics rather than men who have had a training emphasizing the field of general forestry.

To supply men who are capable of satisfying the new industrial require-

ment, the Division of Forestry saw the necessity for redesigning the Forest Technology Curriculum. This new curriculum now includes a sequence of chemistry courses comprising general, qualitative, quantitative, organic, and physical chemistry; a new course in advanced wood structure; and a new course in wood chemistry. In addition to these courses, the student may take elective credits in any of the supporting groups such as other courses in chemistry or biochemistry, in physics, and in economics. More forestry courses in the utilization and marketing of forest products are also required. Beginning with the sophomore year the student begins the specialization, the freshman year being the same as that for commercial lumbering.

The student, after completion of this curriculum, should be able to fill competently, technical or administrative positions in the pulp and paper, wood preservation, wood distillation,

and chemical wood products industries. The better students will be well fitted to pursue work leading to the master's or doctor's degree. Graduates from the old technology curriculum are now working in the dry kiln industry, in the pole treating and wood preserving industries, in the chemical industries, in research and in the teaching profession.

Dr. L. W. Rees, who received his Ph.D. from the New York State College of Forestry in 1929, teaches the courses in timber physics, wood seasoning, and wood structure. He is doing research in the mechanical and physical properties of wood, especially with moisture movement in coniferous woods. Dr. A. J. Bailey, who received his Ph.D. at the University of Washington in 1936, teaches the courses in wood preservation, wood chemistry, lumber grading, and wood utilization. He is carrying on research in lignin and cellulose. These two men are highly capable, and together with Dr. Schmitz, have done the work of framing the new technology curriculum.

To obtain the best results, good equipment is needed in addition to a capable faculty. The available equipment includes a 20,000 pound capacity testing machine. The experimental

engineering building has several larger ones that can also be used. For wood specimen preparation there is a circular saw, jointer, bandsaw, and circular saw with carriage attachment for breaking down logs into lumber. The laboratory equipment is exceptionally good, and the rooms are well suited to the type of work to be done in them. An experimental temperature-humidity cabinet, electric furnace, ball mill, drying ovens, centrifuge, and analytical balances are some of the pieces of laboratory apparatus installed in the rooms.

Being located in a large city, the University is conveniently located near pole treating plants, pressure process wood preserving establishments, excelsior mills, various wood working industries, and a fiber board mill. Sawmills and papermills are also to be found near the city. The proximity of these industries makes valuable field trips possible where the student may see the various practices studied in class put into actual use.

Minnesota's graduates in other fields of forestry are at the top, and those who finish the new curriculum should also be able to take their place in private industry or government service as those have done who have gone before.





FRONT ROW: Lief Lie, Philip Jahn, Ross Donehower, Lyman Miles
 MIDDLE ROW: Daniel Benjamin, Harvey Hartwig, Marvin Smith, Keld Christenson
 LAST ROW: Howard Post, Gene Theis, Hugh Turnbull, Carroll Mattlin

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FRESHMAN CORPORATION 1938



1. Room for two.
2. For a log driver, his form is good, don't you think?
3. Supervisor's headquarters and lookout at Cass Lake.
4. Cass Lake, on the Saturday "off".
5. He has been smoking the same pipeful for the past year now.
6. The "Father of Waters" in its infancy.
7. Touchball was a popular pastime.
8. The camping ground dock with one of its "cow-boys".
9. Buxom lassies, aren't they?
10. Minneapolis or Bust.
11. A mainstay of the team that played the C.C.C.
12. Yes, he can work. Look at number twenty.
13. Ah, man at work.
14. One of the soberer moments.
15. "Hardware" Heinselmann off to the "forty".
16. Whoa! Cheyney, Whoa! That'll do.
17. Across Lake Winnibigoshish.
18. The second floor of the bunkhouse.
19. One of God's most beautiful sights—the setting sun.
20. "And they cut down the old pine tree."

Freshman Corporation of 1938

by *Walter Talbert*

I,—Tasca, the spirit of forestry, have witnessed many things since Ik-tomi, the creator of conservation, sent me to rule this north woods. I have known the great woods as a papoose; have watched it grow, spread its ever-protecting arms into the vast regions of the north, blanket the bare soils and cling to it when Mississippi, the "Father of Waters," tries to wrench it from the earth's grasp. I have stood and nurtured it when Big Thunder raged and spread his path of destruction. These things have come and gone. Bare ground has been reclaimed by green things, has made its stand and fought for life. I have seen the "Big Ice" cover the land, rend all things in its wake, make valleys and rivers, hills and cliffs, and then subside in its wrath and go from whence it came. All these things have I seen.

Many centuries have gone by; and then came the white man. Soon many fields lay bare from his persistent axe. Farther and farther west he came. Farther and farther north came the rabbits, the deer, the moose and the wolf. Many moons have faded, papooses have grown into men and passed on. The red man's law of the woods was replaced by white man's laws. They came to know, as I know, that places must be reserved for forests and wild game. There must be men to watch over such reserves, and to lend a helping hand to Mother Nature, so from forest schools come men to rule the woods—professional foresters. I have watched these men in work, in play, and in study. Many tribes have camped on my shores since Chief "Bull of the

Woods" first "packed in" with his men from Park Rapids. Those were trying days when the first camps were pitched. Mosquitoes, the fathers of all mosquitoes, so large they closely resembled hawks, haunted the area. They were not the degenerated, wrinkled, measly pests which inhabit the swamps today. Water flowed freely from the sky like words from a senator. For countless moons the rulers of the woods came to my land to work and play. I have seen many tribes camp here, but of all of them none have been so brave, so cunning and so loyal as the '38 tribe. But hush, who am I to tell you of these things? Far better that you hear these tales from him who has been a brother in this tribe. I bring you this message: "Tales from the Log of a Forester," the original of which was found lining the nest of a Irbird. This bird, a rare variety, is found only in the immediate vicinity of Itasca Park; and it frequents the main traveled areas only during "Quizz Burials." Only a few foresters and Dr. Mickel have ever seen it.

June 18

Dragged myself out of bed at 3:30 and had the satisfaction of knocking a tail feather out of that infernal woodpecker that had been rapping on the tin part of our roof for the last few days. Lost Cox's shoe in the process.

"Gobbler" thrown in the lake today.

Used some of "Jake's" cure-all mosquito dope and reckon I'll never be broke again—at least I'll always carry a scent.

Started out with dry boots and got wet from the ground up after the first two chains in that swamp.

Noticed the C.C.C. advanced another eight feet on the pipe line today. Not bad for nine men.

Caught myself a Saturnidae off an old birch log. Didn't have my cyanide bottle so used citronella.

Down in the swamp today driving a stake and darn near cut my hand off with a wild swing when my buddy hollered that a woman was coming our way. Wonder where Gertrude is tonight?

Linker just got through blowing Taps and ended up with "Tiger Rag," so I reckon I'd better hit the hay.

June 23

Today I depart for a typical grove of Norway. On second thought I believe it would be much easier to write it up in the cabin. Mosquitoes bad, you know. Don't believe Cheyney will know anyway. "Gobbler" thrown in the lake again today.

June 26

Hales, Gillmor, Perpich, and company cut down the big Norway out in front of No. 6 today.

Buhl talked "Jake" into gnawing on a "Jack in the Pulpit" root. I just came by the bunk house and heard "Jake" mumbling in an exclusive dialect that he had a mouthful of some ——— thing and couldn't spit it out.

June 29

Had a run-in with the cook today. How did I know those peaches were her peaches and that she was running the kitchen?

July 3

Jongewaard and Talbert nearly had the privilege of having a young lady from the U.S.F.S. help them cruise their "40". The rest of the cabin figured that they deserved the Lake and

so Talbert and Jongewaard got a thorough soaking.

July 5

Feel fine after a dip. Swallowed a piece of one of "Johnny" Mondek's prize bass while swimming to shore. (Damn me for breathing through my mouth). They have been in the live bait box for eighteen days now and are sifting through the screen piece by piece. (I have smelled of more fragrant morsels!)

July 14

Plenty stiff from hauling back that rock to the cabin No. 5 "Beef Trust." They use it for shot-putting.

Personally, I think I'll never get my part of the final report in. If I did it like Bill Anderson and Marsh Nelson did theirs, it'd be different—but you know those boys.

Just over to see Knox. He and Hammond worked out a tamarack height curve while playing a game of cribbage.

I hear "Griping" Graupman growling at Todd over in Cabin 7, so I reckon it's time to hit the hay.

July 16

Just got over the big day—Burial of the Quiz.

Festivities were booming early this morning. Cabin 5 hauled up seven-eighths of the junk pile for their float, which literally "floated on the wings of the stench." They piled all their mensuration equipment on the two-wheeled ice cart and then Buckman crawled on for good measure. It took two huskies every five chains to keep the thing moving. You should have seen Shabatura try to take the D.B.H. of a couple of "floosies" in the tourist camp. I reckon as how they're still running.

The massed parade included everything from Ernst in ferns to black boys; also Perpich wearing a heavy

buckskin jacket, impersonating "Old Hutch." He said later if he'd walked another seven miles he could have flown back—about the closest "Pa" will ever come to flying.

Instead of a band leading the parade, we had Whitney and his piano bringing up the posterior end. The music ranged from a light waltz to the "Little Brown Jug." The vocalizing was terrific.

One "bird" (who claimed he had also gone to college) wanted to pass the parade, but we threatened to pick up his car and wedge it between a couple of Norways, so he pulled in his "horns".

We were cheered for our efforts at Teddy Wegmann's store. After purchasing a gallon of gas for Egeland's car (which drew the piano on a trailer), we went on to the tourist camp. When we got there, the foreigners, who thought that the state of Minnesota had gone berserk, hid themselves in the far reaches of their tents and trailers. When the boys "lamped" a couple of "babes" from

Minneapolis, that unusual event nearly caused a stampede.

The actual burial of the quiz was pathetic, intriguing, etc. With Mondek leading the service, it was a sight which will never be forgotten.

July 19

Beans for dinner. "Hardware" Heinselman (with enough paraphernalia to last him on a world tour) about to cruise his "40". The list: one scout axe—a combination affair with everything from a hammer to a bottle opener, a compass, scout knife, Bowie knife, three bottles of citronella, and the rest was a list too long to mention. "Gobbler" was dunked again today.

July 28

Start for home via the thumb route. So ends the most memorable six weeks in my life. It was tough sledding at times; but, thanks to Brown, Cheyney, Hodson, Gordon, Mickel, and Buhl, we added to that store of knowledge which comes thru actual experience and remains in one's memory, a lasting tribute to six fine men.



CLOUET CORPORATION
1938



1. Someone's coming "Mouse".
2. The boss—T. Schantz-Hansen.
3. Did you get paid for that Hutch?
4. The Saturday afternoon cleanup.
5. Sylvia, "Mom", and Alma.
6. The sharks from Poker Flats.
7. Hermit—the beavers' friend.

8. "Unk" digs in.
9. Food Haven.
10. Walker studies anatomy.
11. The unfortunates.
12. Trygstad sights a deer.
13. Oshkosh b'gosh.
14. "Stump cruising".

Cloquet Corporation of 1938

by *Charles Hutchinson*

The spring of 1938 found such a large group of foresters eligible to take the field work offered each spring, that the faculty found it necessary to split the boys into two groups. Forty-two fortunate ones passed the time at the Cloquet Forest Experiment Station, while the others went to Cass Lake.

A character known as Howard "Doc" Schmitz was elected to head the Cloquet group, but that didn't matter because everyone knew that a president doesn't amount to much anyway. Ed "Big Steve" Kafka was appointed steward; and the boys, optimistically, named Charles "Hutch" Hutchinson treasurer, simply because he had taken a course in accounting and was able to keep a set of books.

The three officers reached that famous little city of Cloquet on March 26, and by March 28 all forty-two of the rounders were in camp and accounted for. The first day and night were spent inspecting the facilities of the camp, and finding out who was easiest to "take" at poker. The second night we inspected the town. By an unofficial tally of attendance, "Augies" was found to be the favorite rendezvous. Augie had a dance two or three nights a week which helped account for this popularity. Louie Hoelscher managed to work up a tremendous drag with the proprietor of this famous resort.

I guess we will always remember the social aspects of the camp, but we sometimes forget the purpose for which the camp was originally estab-

lished—because of interfering social activities. Anyway, each man drew a forty, and crews of four men surveyed, cruised, mapped, and generally messed around on them according to instructions laid down by J. H. "Pop" Allison. Because of the very unusual weather featured by lack of snow, "Pop" decided to inaugurate a different system of cruising. Sixteen iron pipes were supposedly placed at designated spots on each forty to mark the center of permanent cruising plots.

Because Mr. Cheyney's time was monopolized by the "lowbrows" at Cass Lake, Mr. Schantz-Hansen took over the silviculture course, and he did very well. "Schantz" had us make a very intensive study of a jack pine stand and also put us to work in the nursery. He then sent us out into the swamps to count reproduction and the survival of plantings made by some slip-shod foresters of the past. The transplanting was probably the most enjoyable, if work can ever be considered that, because the boys were working so close together that friendly arguments were continually in progress. Leino still insists that the "Bull Pen" was right, and the rest of the world wrong, when the rows of seedlings curved off suddenly and sharply at the end of the row where the Bull Pen boys were working. Then there were the mud fights twice a day between the gang on the truck and those on the ground. And can we ever forget the hours spent at field planting? Ray Jensen, Hansen's right-hand man, spent all his time following us and pulling out the trees which we had so

carefully(?) placed in the ground, and let us have the pleasure of planting them over again. During the last two weeks of the session Hatfield tried to tell us everything about game management, that is, whenever we had time left from learning about soils from McMiller. The cabins became imbued with a very pungent odor when Hatfield's "sign" collections began to take form.

It didn't take some of the boys long to get acquainted with the citizens of Cloquet. Phil "Doc" Schneider was getting phone calls from town the second week of camp, and was so lustily razed that he dropped the gal before the middle of the quarter. Then, of course, there was the beautiful romance that blossomed in our kitchen between Sylvia, the second cook, and Walt "Alfalfa" Roebuck. At the KP parties, where Alfalfa was supposed to be playing the harmonica in a vain attempt to keep everyone singing the same song, he had to be snapped out of a reverie occasionally simply because little Sylvia was near at hand. Along about the third week, Warren "Duke" Enstrom got that far-away look in his eye and went tripping gayly through the woods gathering arbutus for some fair damsel of Carlton or Cloquet. Tom Ohl rushed the Hansen's hired girl for several weeks before the rest of the camp heard of it, and Bob De Leuw wanted to come to town every Saturday morning, just so he could be along when we paid the bill at Richter's Bakery. It is also true, isn't it, Hutch, that you have made several "business trips" to Cloquet since the session ended?

One night the rowdy element of "Shang-ri-la" locked the treasurer out, and he retaliated with firecrackers and oil-soaked newspapers down the chimney. Some will remember the time a bunch of sophomores visited the "Out-

casts of Poker Flat," and someone stoked up the stove to such an extent that some of the furniture was scorched.

At "Schantz's" suggestion the Corporation members put in some of their spare moments in the construction of a baseball field. We put up a back stop and tried to level off the old seed bed field in front of Poker Flat and the Bull Pen. The center fielder's head was at the same level as the pitcher's feet, and the left field fence was so close to home plate that any ball knocked over this barrier was a ground rule double; but in spite of these difficulties the field provided many hours of recreation. "Poker Flat" proved its superiority on the diamondball field, which fact made liars out of the "best at everything" Bull Pen. Shang-ri-la and the Boar's Nest had a nip-and-tuck battle for last place in the final standings, but the Boar's Nesters nosed out Shang-ri-la for this "coveted" position.

A game was played with the Wood Conversion Co.'s team, but we must have lost, for I can't remember the score. Some of the boys organized a basketball or volleyball team and played against a girl's team in town. Conflicting reports leave us doubtful as to the actual outcome, but we do wonder about that black-eye a Cloquet belle was sporting.

This year there was no large bunkhouse. What was formerly the bunkhouse was turned into a library and study hall. An added convenience was the new bath-house with eight showers, twelve wash basins, a small Finnish type steam bath, and two bath tubs which were completely spurned. Then there was that long room with Roebuck's tally on the wall. The day the steam bath was completed some of the novices tried it and sat there wonder-

ing if there was anything hotter this side of hell; then Ed "Mate" Miettunen, and Axel "Hop-along" Hupponen, who probably had their first steam baths before they could walk, peeked in and started making disparaging remarks to the effect that it wasn't even warm in there. They were wrong, because some of us tried the Superior Steam Baths in town and found them not a bit hotter than the one in camp.

Various fads were started by Ed. "Green" Henry, including the one in which someone would step outside the cabin door and holler, "Hey," as loudly as possible. This was soon replaced by "Let's get going," in the manner of Tom Mix's radio serial, and toward the end of the session the Lone Ranger's influence was felt and everyone hollered "Hi-yo Silver" at the least provocation.

The Easter week-end found about half the camp gone to visit their families, so for the benefit of the rest of us who didn't have anybody pining away for us at home, Mrs. Hansen invited the daughters of some of the Cloquet families to the camp for an Easter picnic. The skies, as was usual all quarter, were over-cast, so the eating was done in the mess hall. Of course the young ladies were astounded by the class of the china and silverware, but that didn't bother us. After the eating was accomplished the gang retired to the small picnic grounds to toast marshmallows. The high-light of this part of the evening was Hillard "Ozark" Lilligren playing "Home Sweet Home" on the harmonica, while standing on his head.

When the last marshmallow had been scorched and thrown away somebody suggested returning to the mess hall for a bit of the light fantastic. It wasn't very light, but it was fantastic.

A radio was mustered from the Boar's Nest, and after much cajoling and threatening, Big Steve was persuaded to part with a few pounds of the Corporation's corn meal to spread on the floor so that the boots would slide more readily.

The high point of the quarter, socially speaking, was the Forester's Dance, held at the Legion Hall. We hadn't been at Cloquet a week before some of the citizens began to inquire when the event was to held. For the records, it was held on Friday, May 13th, proving that we weren't superstitious. The entire two weeks previous to this gala occasion were occupied by a mad scramble to get dates. This problem kept "Mom" Watkins, Mrs. Hansen, and Big Steve busy. Some were well enough acquainted by this time to provide their own dates, a few lone-wolves staged it, and a few even went so far as to import gals from the Twin Cities. In this last category were Dan. Benjamin, Vince Schurr, and Ev. Bergstrom; but they were all living in that dive known as the Boar's Nest, and probably didn't know any better, so we forgave them for this grave insult to the femininity of our adopted town.

As usual there was a lot of talk about spiking the punch, but as was the case with Mark Twain's weather, nothing was done about it.

Besides the members of the Corporation and their guests, "Mom" Watkins, Mr. and Mrs. T. Schantz-Hansen, Mr. and Mrs. R. M. Brown, Mr. and Mrs. Harry Patterson, and Mr. and Mrs. Augie Roos, were also present.

Duke Enstrom imported his family's car for this event and it was the most popular taxi service in camp for the remainder of the session. Duke would pile ten or fifteen into the jalopy and

stack them on the corner of Twelfth and Cloquet, and return them to camp for ten cents per person. He never did leave anybody in town, but it was very trying to have to wait till Duke got tired before one could get home to bed.

The car Dan Benjamin brought up ended up in the hands of Phil Schneider, proving either that Dan was a very good salesman, or that Barnum was right.

No report of the Cloquet Corporation would be complete without some mention of "Mom" Watkins. When we hired her, we thought we were getting just a very good cook, as attested by previous Corporations, but as we soon found out we got a substitute mother as well. No sign of a cold went neglected if "Mom" heard of it, and those KP parties, one for each crew, were at "Mom's" expense.

Dave King was unanimously proclaimed champion of the old Spanish sport of throwing the bull, and "Uncle Phil" Jahn was conceded to be champion burper because after some practice he got them to sound exactly like he was saying, "Birch". Remember the way Goody Larson and Gordy Schwabe did the shag at Augie's, to the discomfiture of everyone else on the floor? Those of us who had to live with it will never forget the Blaisdell "Burners," nor the time Bob "Miss Bobbie" De Leuw rode in the Santa Anita handicap and the Kentucky Derby the same night (it must have been something he ate). And then, of course, you may recall the time Hutch chopped for ten minutes on a "dead spruce" before someone told him it was a tamarack.

Who can forget that excuse for a hat worn by Bob "Chico" March, or

the "hat" Dave King presented to Bob Stolpe as a farewell gift, or the time Orvy Withee conducted a jam session by beating it out on Shang-ri-la's stove with a couple of rungs from a chair? The stay-at-homes (they did, occasionally) in the Bull Pen nearly precipitated a revolution one night, by inverting the bunks of Ed. Anderson, Tauno Leino, Ed. Loula, and Bob Olson, and one day Dodd Walker thought it funny to put some foul-smelling chemical in Poker Flat. The Outcasts blamed it on Ed. Deppe's dog, but never could find the awful thing.

A refund of seven potatoes was presented to each member of the Corporation the last week of the session, and the night of the 27th of May was certainly a hectic one. What with trying to complete the Game Management and Soils reports, and saying goodbye to all our acquaintances in Cloquet we were plenty busy. The refund gave everyone the where-with-all with which to celebrate and a gay time was had by all.

On May 28th we all journeyed to Cass Lake, while the Cass Lakers took over our camp. Everyone was against the trip, but we had to go anyway. We spent a night in Grand Rapids and looked over the bright lights of that town. The Memorial Day holiday was spent looking things over at the Cass Lake Nursery. When we saw the facilities those Cass Lakers had to put up with it made us all the more pleased with Cloquet.

Thus endeth the chronicle of the Cloquet Corporation of 1938, and I am sure that we would all like to start in all over and do the same things again.

Foresters Day of 1939

by *Scott Pauley*

THE fifth annual Foresters' Day at Minnesota got off a bit belatedly with the election of the president and the Executive Committee of the Foresters' Day Association just prior to the final week of the fall quarter. But the president, Scott Pauley, and the executive committee, consisting of Joe Finnegan, Tony Perpich, Robert Snow, Howard Branigan and Dave Brink, gathered up their shirt tails in a joint meeting on January 4th and put the year-old, rusty wheels into motion. Chairmen and assistants for the numerous jobs were outlined and notified of their various duties. With a very minimum of renegeing and readjusting the committees lined up in the following order: decorations chairman, Erick Kienow; assistants, Ed Kron, Bob Sharp, Wayne Ackerman, Walter Erson and Bob Helgeson; dance chairman, Goodman Larson; assistants, Bob Bingham and Roy Lind; publicity chairman, Howard Post; assistant, Dick Barton; posters chairman, Harvey Hartwig; election chairman, Lem Blakemore; assistants, Bruce Weber and Gale Poehler; general chairman of contests, Ralf K. Nelson; felling, chopping and sawing contests, Joe Finnegan, Tony Perpich, Carroll Mattlin, John Lindberg, Tom Partridge, Erling Weiberg and Ross Donehower; ski race, Don Overholt and Duan Linker; snowshoe race, Bob Binger; knife-throwing, Walter Talbert; rolling-pin throwing, Marjorie Samuelson; chain throwing, Wayne Ackerman; tug-of-war, Royden Knowles; bean-feed, Forrest Hales and Howard Branigan; tickets, Bob Schoensee.

The theme chosen for the DAY was built about the legendary charac-

ter of the Sioux nation known as Iktomi ("spirit of conservation") and, in keeping with this theme, a modern Iktomi, who is a well-known conservationist, and two of his tribesmen were present throughout the DAY.

The program of the DAY was initiated in customary fashion by the bean feed in the gym, followed by a program in Green Hall. The program was opened by Iktomi who gave a prayer in the language of his fathers and then, in mock-ceremony, initiated Doc Schmitz **not** into the Sioux tribe. Iktomi's costume was much admired by all, especially by the "Uncle of Paul" (Skipper Spencer), and it initiated numerous conjectures as to the nature of the cause for the obvious protrusion in the region of the abdomen. Various members of the faculty and other inquisitive visitors in the audience seemed to be particularly worried over this point. It was finally proven to be of saw-dust which everyone considered quite in keeping with the DAY.

Following the mock-initiation, Doc Schmitz gave a short talk in memory of Samuel B. Green to whom Foresters' Day of 1939 was respectfully dedicated.

The principal speaker of the DAY, Mr. W. T. Calhoun, Superintendent of Wisconsin Conservation Education, gave a "brief" talk on the development of Wisconsin conservation which he followed with two reels of moving pictures showing actual field work in various parts of Wisconsin.

Activities were next adjourned to the out-of-doors where it was hoped, thru the medicine granted to Wa-zee-ya (Doc Schmitz) by Iktomi, snow

might have fallen in the two-hour interval since his coronation. But the last hope for the skiers and snowshoers was doomed, for the snow was still in the rabbit's tail (as Iktomi put it).

The Queen of Foresters' Day for 1939, Ish-teh-Wahsh-teh (or "Most Beautiful Face," also known as Virginia Larson) in company with her Chah-o-ti ("Forest Sprites" to you) including Margie Samuelson, Virginia Anderson, Ruth Elliot, Susie Van Sickle and Ruth Kemske, was officially crowned and effectually kissed by Doc Schmitz on a semi-collapsible throne ingeniously rustled and assembled in the preceding half hour by Bob Snow.

The athletic contests, arranged and conducted by Ralph K. Nelson with the assistance of Ross Donehower on the loud-speaker system, centered the attention of the crowd for the next two hours. The first event was the felling contests in which Ralph Rich took top honors. In the two-man bucking contest Nels Grimsbo and George Roadfelt nosed out the famed Rees-Foster faction by the width of a libriform fiber. Chester Cox finally hit the post with his knife and was unconditionally announced winner of the knife-throwing contest. In the chopping contest, Roy Everson split the big toe on his right foot and dislocated three vertebra, thereby winning unchallenged title in his division. In the chain-throwing contest, Aldon Woultee demonstrated his prowess by tying a bowline around referee Ackerman's neck with one end and fouling the chains of the other contestants with the other end so that he came out an easy winner. Dorothy Mereness proved her dexterity with the ammunition furnished her in the rolling-pin tossing contest by heaving three knock-out punches to the Ag student dummy's mid-section. (Many believed the dummy was not a dummy.) Ralf Elking-

ton, or "the chipmunk of the high lines" as he is more familiarly known, gamboled up the pole to easy victory in the pole-climbing contest. Ralf is a great stunter and did not let the audience down on the DAY, for he cracked three walnuts on Ralph Rich's head on the way down the pole. (Elkington was the last contestant, Rich was the first.) The skiing and snowshoe races which could not be run off as scheduled on the DAY due to lack of sufficient snow were held one week later on the previously outlined courses. "Mouse" Overholt kept the day of the ski race a secret in hopes that he would be able to collect all three prizes he had rustled. Unfortunately, however, Al Dole and an Ag student happened to be practicing on the field and Overholt lost the second and third prizes.

The events of the afternoon were brought to a close by a tug-of-war between the freshmen-sophomore and junior-senior teams. The tug proved to be a complete rout for the frosh-soph aggregation but then, as someone aptly pointed out, how could anyone possibly let those neophytes win anyway!

The evening revelry started at 9:00 P. M. in Marsh Ryman's sanctum-sanctorum. The gym, under the expert supervision of Erick Kienow and his polished crew of interior decorators, had rapidly assumed a sylvan dressing between 12:30 P. M. and the scheduled hour. Dear old Marsh had urged Erick to start early in the morning but Erick had a little side-bet on with some **bean** in a **coffee shop** . . . anyway Erick won the bet. Goodman Larson, in charge of the dance, revived the tradition of the Bloody Bucket in which all of the revelers drowned their cares with Root Beer and Cider at the expense of Christy's unvoiced revulsion and to which, in resignation, the

executive committee retired when the amount of the deficit for the DAY was computed. Iktomi and Blue Cloud (who was dark-horsing for Ironheart who got lost on his trap-line on Red Lake) furnished entertainment in the intermission by the singing and dramatization of ancient Sioux myths and legends.

The members of the Association for 1939 believe that Forester's Day has

become an integral part of forestry at the University of Minnesota and that each year it should be improved and bettered as we have sincerely striven to do this year. To the Association for 1940 we toss the torch with a record of our mistakes, and we hope that you, and all who follow, will enjoy as we have done, this work that strives for unity among the Foresters of Minnesota.



CASS

LAKE

CORPORATION

1938



1. Cheyney stalks Rich.
2. You're right—it is at Cloquet.
3. What a pile!
4. Finn and McGuire shoot heights.
5. Future silviculturists.
6. The Vulgar Boatmen.
7. "Gentleman Joe".

8. Star Island on mighty Cass Lake.
9. Barbered and Bearded.
10. Playing 'possum.
11. Socialite goes native.
12. The pause that refreshes.
13. McGuire's in a rut.

Cass Lake Corporation of 1938

by *Erich Kienow*

It was in the spring (?) of 1938. At that time some 36 forestry juniors, and what have you, left the comforts of home and city life for an encounter with "nature in the raw"; frightfully raw. The goal was C.C.C. camp 705 on the south end of Pike Bay of mighty Cass Lake.

What a brave and stalwart group! They were to the last man willing to venture into the unknown, to a place from which all sorts of rumors emanated, and to a place where they could toss aside the bonds of tradition and set about doing things that would become the traditions of the future. How they accomplished the latter is the subject of what is to follow.

Two bunkhouses, after a sort, and a messhall, decidedly out of sorts, were given over for our use. For our front yard we had Pike Bay and for our rear yard the Chippewa National Forest. A large area to be sure, yet little of it remained uncovered—at least it seemed that way to us.

Food, as is the usual thing at forester's camps, was the principal item of interest. We imported one of our own comrades, Ed Kron, as cook. One thing can be said about the food and Ed's cooking—if the food was lacking in quantity, quality made up for it. If quality was lacking, there was always quantity. There is still some question in the minds of some people as to whether the general weight gaining trend was due to the abundance of food or to the lack of exercise. We're sure that "Pop" Allison believes the latter to be true.

As fate would have it, our arrival at camp was greeted with a heavy snowstorm and sub-zero temperatures. That immediately put a crimp in the work that Prof. Cheyney had assigned to us. The effect on the camp was instantaneous. It was then that we fell into evil ways that haunted us for the remainder of the session. It was then that some of us acquired the art of sleeping on sunny afternoons, of spending evenings away from camp, of running to the messhall between meals for a snack, and similar practices which come under the general classification of loafing. Then, too, in the future we can fondly remember the time when we put on our long underwear and wore it day and night for three solid weeks. Because that snowstorm has given us something to hold responsible for all our shortcomings, it was really a blessing in disguise.

But the snow soon passed away and with it went our last hope of ever getting our first report completed on schedule. However, a reversal of form took place when Cheyney announced that work in the nursery at Cass Lake was to begin. With new vigor we set out on the task before us. But again our fondest hopes were shattered. After four days of weeding and thinning jack pine seedlings to exactly 18 seedlings per linear foot, even the stoutest hearted man in camp was tempted to slip away and spend the afternoon in town eating ice cream, sipping sodas, or partaking of other liquid nourishment. One memory of nursery work will always remain, nevertheless, and that is the devilish grin

on the faces of the C.C.C. boys working at our side when at three o'clock in the afternoon they would leave us while we had two more hours of work to do. At completion, however, even the most dejected of us had to admit that the experience gained was well worthwhile.

Yes, Paul McMiller and Don Hatfield were in camp for two weeks, too. Although a considerable portion of the time was spent in absorbing lecture material, we did get a chance to get into the field once in a while, when it wasn't raining. For the greater part of these two weeks, it not only rained in torrents and sheets, but in tubs and buckets as well. One highlight of the field trips was for instance, when we dug holes for soil profiles. That was one time when the short fellows had the advantage. Long John Miles had to dig his pit twice as large as necessary in order to make room for his legs, arms and the shovel. These profile studies inevitably ended in mud-slinging episodes.

In conjunction with the soils work, we had a taste of forest zoology. For two weeks every man in camp had his eyes peeled for animal signs. Many a wild goose chase resulted from reports of "finds" in certain localities. Incidentally, a long sought-for explanation for the accusations of members of the Hell-Hole, concerning the stench behind the outstanding bunkhouse, is finally brought forth, and truthfully, too. The perceptible odor was caused by nothing more or less than the excessive signs disposed of by the men in the outstanding bunkhouse in their fervent work. Coming back to forest zoology, however, the last fatal day drew nigh with some men still short a few specimens. It was then that an auction was resorted to with the highest bidder getting a choice specimen.

Bids varied from two cents to five beers.

Last came "Pop" Allison with his work in management. By this time, however, spring fever had succeeded in getting the best of most of the fellows. It wasn't long before the fellows found out that a lively discussion on management problems along some "forty" line, in the sun, had its advantages, too. It was generally conceded that there were many ways of making a management report other than that method recommended by "Pops" Allison.

So much for the work. The discussion had to be included in order to prove that we did do some constructive things while in camp.

A tale about events at Cass Lake would not be complete without mentioning the Red Rooster, better known as the "Crimson Cock." It was here that on one memorable evening our genial friend "Rogo" Rogosheske climbed the stairs to fame by out-mastering the master of ceremonies. It wasn't long after camp was established that the people there were learning the words to the Minnesota Rouser. The "Crimson Cock" was the haven for any forester who was in the sloughs of despondency from over-work. Here cheer entered again aided and abetted by Shannon O'Neil, the girl of "Chinatown, My Chinatown" and "I Got What You Want" fame, and occasionally a fairly decent floor-show act. One of the waiters in an apparent moment of weakness said that the University boys were the best gentlemen he'd ever seen. We knew that whoever he was talking about wasn't sober. Either that or the waiter wasn't sober. Ossie Krogfoss, Bob Nord, and Wayne Ackerman were always willing to spend a few hours at the "Crimson Cock."

"Micky" Finn gained a distinction

all of his own. Now there is always a certain amount of tidiness connected even with a forester's camp. But this tidiness was an item of importance in our camp because of inspections by army officers. On one inspection "Mick's" bunk received the title of "An Army Officer's Nightmare." The only time it was satisfactory was when Rollie Jahnke made the bunk for Mick.

The aforementioned Rollie Jahnke served as assistant cook to Ed Kron on weekends. His Easter ham would have delighted the most fastidious epicure. Oh yes, Rollie was the fellow "Micky" complained about as being a slavedriver, not conducive to good loafing, etc.

Two bunkhouses were previously mentioned. As to be expected there was a considerable amount of rivalry between the two. Unfortunately no specific names were applied to each but in conversation it was common to apply the name "Hell-Hole" to the rival bunkhouse.

To Perry Skarra went the distinction of being the owner of the best bunk in camp and consequently the favorite spot for anyone to snooze a bit. An air mattress cushioned with an eider-down sleeping bag made sleeping in Perry's bunk a downright pleasure. On occasions when business was good the bunk was made to accommodate from four to six fellows at one time. Perry also laid claim to "forty-seven years of bigtime championship cribbage competition and never losing a game." However, a few beginners beat him and by the time camp closed, Perry was sufficiently humbled.

One feature of the life at camp was an expectorating contest held one balmy Sunday afternoon. All contestants were given a free chew from Long

John Miles' plug as an incentive for entering. Some six or seven contestants walked up to the line and tried first for distance. John Miles won this event with a spat of 18 feet and 7 inches. However, this was probably due to the fact that Long John could lean farther over the line than anyone else. A white painted piece of wallboard with a target drawn on it was then erected for the accuracy event. It was placed within comfortable range of all contestants. Wayne Ackerman won the event with two spots that hit the bullseye. The target was left in an erect position as an exhibit of Acky's prowess, but, unfortunately, a few days later a rainstorm removed the evidence.

The hill-billy influence also took effect at camp. "Feudin' " was more or less a common thing with the resulting torn clothes and bruises. The deadliest feud, and probably going on to this day, was the one involving Don Gregg, Perry Skarra, Ossie Krogfoss, and Wayne Ackermann.

A large number of men gained distinction by various acts, habits, and performances. Among them were Howie Post, who mastered the knack of being the last one out of the bunkhouse every morning and the last one on the trucks. Bill Kepman was known for his song and dance exhibitions at the Red Rooster and elsewhere. The man who appreciated good food most was Earle Dahl, while Russ Kauppi believed in just food and lots of it. "Kingfish" Adkins, the man who knows something about everything, was practically persuaded at one time to fetch an "automatic bunkspacer." The truth of the matter is that the "Kingfish" actually did start out after such an implement. Only a few members in camp will ever forget "Mac" McDonald's passion for pink silk

drawers (men's). It took the camp two days to recover when "Mac" startlingly announced one day that he had a 32 inch waistline. "Boof" Johnson's quietness, "Davey" Vesall's good nature and elevating spirit, "Ossie" Esterl's willingness to do other fellows' work for them, and "Cal" De Laittre's impeccable vocabulary all added to life at a camp. Dogpatch had its "Hairless Joe," but we had ours, too. "Hairless Joe" Connors, former world's log-rolling champ, and "Hairless Ray" Ritchel, his cousin, became known because of their prominent red beards. When it came to a bit of philosophizing on any or everything, "Johnny" McGuire was always present with advice concerning taking things easy or not overexerting yourself.

After the camp itself was closed the entire group made a trip to Grand

Rapids and then on to Cloquet. The experiences on the trip, the night in Grand Rapids, the improvised canopy for the truck in the rain, and many other things on the trip have become a permanent part of our memories.

Officers of the corporation were: John Adkins, president; John Miles, vice-president; Andrew Haugham, secretary-treasurer; and Erich Kienow, steward.

All in all, the quarter spent at Cass Lake was a memorable one, to which all of us will look back in years to come. As succeeding classes set out for camp, we are certain to be somewhat envious of the experiences that we know will be in store for them. Despite the fun and foolishness involved, we learned a lot of things that only field experience can teach.



The Log of the Forestry Club Stops Rolling

by Robert Schoensee

1936 — Even with eloquent Bill Major as the driving power behind the organization, interest in the Forestry Club was rather lax, and the attendance at the meetings relatively low—about sixty fellows.

1937 — This lack of interest was felt even more keenly, and attempts were made to create a new spirit among foresters and to reestablish the club on a better basis. The "Dutch Uncle Project", an example of what was tried to improve this waning spirit, was carried out as follows: all incoming freshmen and transfer students were introduced to campus activities and functions by juniors and seniors.

1938 — The Laodicean attitude was now more prevalent than ever before. Those present at the meeting included only a few more than the nucleus formed by the officers.

1939—A thorough-going pessimist would enjoy writing of this stage. He would revel in enumerating every sad step in the long decline; he would delight in pointing out evidences of disinterest, disorganization, and even outright refusals to participate in Forestry Club activities.

Luckily, all of us are not pessimists who see only the black and hopeless side of affairs. We realize these disturbing facts; we understand that some thing is radically wrong, not necessarily, however, with the organization, but certainly with the spirit of the gang; we know that the Forestry Club is not dead yet and so long as a spark of life remains, the situation is not entirely hopeless—it's up to you!

In light of the above statements concerning disinterest and disorganization, to say that the club is functioning would seem to require either a change in terms or proof of this functioning. But the terms convey the correct meaning. When we say that disinterest is prevalent, we mean that a great proportion of the forestry students have no interest whatever in the activities of the Forestry Club. By disorganization we mean the lack of coordination that exists between the officers and members of the group as a whole.

Now for the proof, and there seems to be plenty to offer. The bonfire, an almost indispensable tradition at Minnesota, was held as usual at the beginning of the fall quarter. Here the freshmen are dusted with a light spray of traditional forestry humor—I dignify it by that term—and this year the fire must have been hotter than usual. Any old timer will attest to the spell of blazing hickory log—how it draws out a congenial tale. But when you get bogged down to the knees, you know it's the Foresters' Bonfire. The bonfire was well attended, and those who were interested enough to show up did get some idea of the Forestry Club activities.

As a suggestion to future club officers, the bonfire should be followed up with a high-powered publicity freshman educational program. As it stands now, nothing is said or done after the bonfire to publicize and carry on the functions of the club in a campus-wide manner. Interest is built up at the

bonfire, then allowed to drop—with only a few left holding the “log”.

The banquet, held later in November, was a last minute success. Quite a few successful grads came back and gave us a chance to look them over.

Consternation spread among the banquet committee when they learned that a dance had been scheduled for the ballroom immediately after dinner and that our group would have to move to a different room. This actually turned out to be a blessing in disguise because the over-stuffed foresters with the cigars distributed at the banquet walked leisurely down to the lounge room to listen, to smoke, and the grads to reminisce. Contentment and congeniality was so evident that the fears of the committee were immediately dispelled.

In the fall quarter the Forestry Club always blossoms out weakly with a touchball team—last fall was no exception. We mustered our forces for the first game and found that we had five stalwarts—just three short. But we played and had a good time—the outcome is unimportant. We won and lost games all through the season, but just managed to keep in the fight. Meanwhile our forces had grown, and the three or four impatient reserves sat on the sidelines at every game.

Our final game was with the Soils team. Come to think of it now, they were a mighty tough looking lot before we started playing. They were punting. One of our men rushed in and blocked the punt and the ball rolled out into the open. A Soils' man and one of our men racing over to recover it collided with a “crack.” That crack sounded just like a pine board being broken over a “dry hard pan”, and in effect it was just that. “Our” man, George Gustafson, fractured his leg.

That game, left unplayed, ended

the season. George hobbled around on crutches for the remainder of the season, and also did considerable musing about misguided fellow-foresters who think that a touchball game on the soft, green sward is a gentle frolic.

During the winter quarter Hugh Noble took the reins and managed to get a basketball team together. He reports that although the Forestry Club rarely had five men on the floor, the four men that did play served up enough competition to satisfy every opposing team. And after all, if you haven't a championship team, the best you can do is to make the other team fight for their victories.

Because the topic of discussion is now concerned with athletics, we might mention the spring diamond ball tournament. The Forestry Club will very likely have a team entered that will live up to the reputations of former teams. We shall not attempt to predict the outcome of the tournament this spring because predicting can not yet be classified as an exact science in so far as athletic games are concerned.

Predicting winners, however, is no more of a gamble right now than predicting whether our president during the fall quarter, Ray Finn, is dead or alive. After “Mick” graduated in December, he went back to Cornwall on the Hudson. Since then, no one has heard from him. No doubt he is too wrapped up in his research to drop us a line. In the election held to select Finn's successor, Howard Schmitz and George Boyeson ran a close race. Schmitz was elected, and without too much ceremony, was made president of the Forestry Club.

This year the Forestry Club is sponsoring a new enterprise. This is a plan to add a nominal amount (probably fifty cents) to the quarterly fees of every forester. This would entitle

him to a Peavey, to a banquet ticket, to membership in the Forestry Club, and to participation in the annual bonfire. Already 85 per cent of the foresters have signified their willingness to accept the plan. If the Board of Regents can be convinced that this is a good thing, it probably will go into effect next fall.

In the winter quarter, the Forestry Club participated in the first annual Western Forestry Club Conclave at Missoula, Montana. The Montana State College of Forestry sponsored the entire affair, and twelve western forestry schools sent representatives to the three-day meeting. Four of Minnesota's best — Lou Hoelscher, Ross Hanson, George Boyeson, and Mike Latimer represented us at the meeting. The details of the Conclave are important, but are too numerous to be mentioned. However, George had this advice to offer, "Fellows, if you have a chance to be a delegate to the Conclave at Oregon State next year, by all means go, because it is really worth the while". It seems that the Conclave will be an annual event. This is a fine thing because it will certainly aid in establishing closer relationships between the different forest schools.

In order to prove further that the existence of the club is justified, we might also point out the Forestry Club dance in the fall quarter, which by its very title, *The Timberbug Twirl*, lured every jitter-bug on the campus to its lair.

Obviously this array of events shows that the Club has been functioning during this past year, but we cannot

say that it has been very active. Activity, in so far as an organization is concerned, means, first of all: active participation in all events by most if not all of its members; and secondly: full support of every undertaking. Our club regretfully lacks these essential requirements, and the realization of that fact makes us conscious of other things. We realize that something must be responsible for this non-participation and non-support. Further diagnosis seems to disclose several causes. The first, a peculiar situation at Minnesota, is the scattered distribution of the forestry students, a handicap that cannot be remedied. Our students live in four distinct areas: (1) the Main Campus; (2) the Farm Campus; (3) St. Paul; and (4) Minneapolis. To bring these students together, especially at night, is a very difficult problem—the factors involved being time and transportation. Another cause is that smaller organizations acquire and retain the interest of many foresters. When this is the case, the value of joining whole-heartedly in the activities of another larger organization, the Forestry Club, apparently seems unnecessary and superfluous.

Other problems also face the Forestry Club, but they can be very easily remedied. If determined efforts are made to reestablish the organization on a firm basis of cooperation and coordination, that spark of life it still retains will blaze again—provided, of course, that each of us cooperates with the necessary spark. After all, it is up to us as individuals—we are the Forestry Club.



Xi Sigma Pi



National Honorary Forestry Fraternity

Founded at
UNIVERSITY OF WASHINGTON
1908

Local Chapter
DELTA CHAPTER
1920

OFFICERS '38 - '39

HENRY HANSEN	- - - - -	Faculty Advisor
CHARLES H. WHITE	- - - - -	Forester
WAYNE ACKERMAN	- - - - -	Associate Forester
DAVID VESALL	- - - - -	Ranger
PHILIP JAHN	- - - - -	Sect.-Fiscal Agent

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A. J. BAILEY	HENRY HANSEN
DWIGHT BENDSEND	L. W. REES
R. M. BROWN	C. O. ROSENDAHL
E. G. CHEYNEY	T. SCHANTZ-HANSEN
CLYDE CHRISTIANSEN	HENRY SCHMITZ

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ROSS J. DONEHOWER	RALPH K. NELSON	EDWARD G. WELLEIN
ANDREW HAUGHOM	MORRIS V. OLSON	CHARLES H. WHITE

, Voyageurs



FRONT ROW: Orvold, Bateson, Kienow, Post, Lehner, Mattlin
 SECOND ROW: Jahn, M. Olson, V. Olson, McGuire, Eggen, Boyeson
 LAST ROW: V. Johnson, Liden, K. Peterson, Schoensee, Ackerman

Forestry Organization

FACULTY ADVISORS

DWIGHT BENDSEND

DR. GUSTAV SWANSON

OFFICERS

HOWARD POST	- - - - -	<i>President</i>
WAYNE ACKERMAN	- - - - -	<i>Vice President</i>
CLARENCE EGGEN	- - - - -	<i>Treasurer</i>
EDWIN LEHNER	- - - - -	<i>Secretary</i>

ACTIVE MEMBERS

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 ALLEN BATESON
 GEORGE BOYESON
 DONALD DIESSNER
 CLARENCE EGGEN
 WALT ERSON
 HARVEY HANSEN
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 VICTOR JOHNSON
 ERICK KIENOW
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 EDWARD KRON
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 EDWIN LEHNER

GLENN LIDEN
 JOHN MCGUIRE
 KEITH MCKEE
 CARROLL MATTLIN
 MELVIN MENGE
 JOHN NORBLUM
 ROBERT NORD
 WARREN NORD
 MORRIS OLSON
 VINCENT OLSON
 LEONARD ORVOLD
 KENNETH PETERSON
 HOWARD POST
 ROBERT SCHOENSEE

Tau Phi Delta



National Professional Forestry Fraternity

Founded at
UNIVERSITY OF WASHINGTON
1924

Local Chapter
BETA CHAPTER
1926

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ACTIVE MEMBERS

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ROBERT BINGER	DONALD GREGG	HOWARD SCHMITZ
LEM BLAKEMORE	HARVEY HARTWIG	JACK SCHNEEWEIS
DAVID BRINK	GOODMAN LARSON	JOHN TAYLOR
RUSSELL BYFIELD	HILLARD LILLIGREN	DOUGLAS WELCH
KELD CHRISTENSEN	LOREN McDONALD	CHARLES WHITE
WARREN ENSTROM	JOHN MILES	

PLEDGES

JAY ARMSTRONG	LARRIE JARVIE	WILLIAM NICKOLAS
MORRIS BLACKBURN	LARRIE KALLIO	WARREN PARKER
JOHN BURT	EVERILL KNOSPE	GLENN ROTEGARD
CARL CARLSON	ROYDEN KNOWLES	JOSEPH RUPERT
HARRY ENDERSON	GEORGE KOBLER	WALTER TALBERT
	EUGENE THEIS	

GRADUATE STUDENTS

AXEL ANDERSON	B. FRANCIS KUKACHKA
VINCENT BOUSQUET	NORTON SCHMIDT
JOHN H. ALLISON - - - - -	<i>Faculty Advisor</i>
FRANK SHEARER - - - - -	<i>Alumni Advisor</i>

Alpha Zeta

LA GRANGE CHAPTER



FRONT ROW: Seaver, L. Halverson, C. E. Carlson, Baughman, Brink
 SECOND ROW: McKay, Palmby, R. Smith, Vesall, Perpich, Shelly
 THIRD ROW: Roadfelt, Hinds, A. Carlson, Trizinski, Army, Donehower, Behr
 FOURTH ROW: Harrington, Lerud, Magnuson, W. Nord, Lawton, Christenson, Jahn

National Honorary Agricultural Fraternity

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Dean E. M. FREEMAN E. G. CHEYNEY L. S. PALMER

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ERNEST BAUGHMAN	- - - - -	<i>Censor</i>
LLOYD HALVORSON	- - - - -	<i>Scribe</i>
STANLEY SEAVER	- - - - -	<i>Treasurer</i>
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ACTIVE MEMBERS

Agriculture

DEANE ARNY
 ERNEST BAUGHMAN
 ALTON CARLSON
 CLIFFORD CHRISTENSON
 LLOYD HALVORSON
 DONALD HARRINGTON
 MAX HINDS
 KIRK LAWTON
 LESTER LERUD
 GERALD MCKAY
 WARREN NORD
 CLARENCE PALMBY
 STANLEY SEAVER
 OREN SHELLEY
 RALPH SMITH
 SAM TRIZINSKI

Foresters

ELDON BEHR
 DAVID BRINK
 C. EDWARD CARLSON
 ROSS DONEHOWER
 PHILIP JAHN
 ERICH KIENOW
 RALPH NELSON
 SCOTT PAULEY
 TONY PERPICH
 DAVID VESALL

Alumni Section

CLASS OF 1899

Herman H. Chapman. Our first alumnus writes that he has just four years to go before retiring at the age of 68 from his duties as Professor of Forest Management at the Yale School of Forestry. He is now serving as Chairman of the State Park and Forestry Commission of Connecticut. The state has 37 parks, most of which are along the shore. The attendance at the parks last year was 2,500,000 persons. Some of the wooded parks and state forests were badly damaged by the hurricane last September. Herman has written three textbooks on forestry, some of which are familiar to forestry students. We might add that he was again one of the first to send in his "buck".

CLASS OF 1904

Martin L. Erickson is now a farm manager handling several farms in eastern South Dakota and one in Canada. He is very much interested in a satisfactory farm program providing for corn and wheat loans to stabilize prices for our chief crops, and hopes that Congress continues the present administration policy whether sponsored by one party or another.

CLASS OF 1906

W. T. Cox, at present, is a biologist for the S. C. S. at its Milwaukee office. His most recent work was in connection with the Resettlement Division in northern Minnesota.

CLASS OF 1909

Walter M. Moore, of Wright Field, Dayton, Ohio, sent his check for three dollars by Air Mail in hopes of getting it here ahead of our Number One Al-

umnus, **H. H. Chapman**, who was first last year.

The entire staff extends its thanks to him for sending the "true value" of the Peavey this year and in years passed.

Here is what Walt writes: "We are very busy with the proposed program for a large Air Force. Just how large it will be, no one can say—that depends upon the changing international situation, and upon the limits that may be set by legislative enactment."

CLASS OF 1910

Jim B. Berry who is still citrologist for the Waverly Citrus Growers Co-operative tells us: "This year we expect to market one and a quarter million boxes of fruit. With 5000 acres of bearing groves we have our problems in insect and disease control, fertilizing, pruning, etc. We operate our own fertilizer plant, insecticide and fungicide plant, and machine shop. This is one of the most progressive operations, testing our soils to determine fertilizer requirements, testing methods of washing and disinfecting fruit, checking methods of storage, and many other problems.

"Yesterday I was signally honored in having **Mr. and Mrs. Mattoon** and **Mr. and Mrs. Hastings**, of the U. S. Forest Service, drop in on me. We had dinner in the Waverly cafeteria and talked over old times. Mattie said he had seen **Herman Krauch** and **Hastings** said he had worked with **Arnold Benson**. They also had news of **Norman Jacobson**, **Donald Brewster**, and others of the Class of 1910."

Arnold O. Benson. Still at the Forest Products Laboratory.

C. L. Lewis, Jr. Had just returned from a five weeks trip to California. On the way he stopped in to see Herman Krauch at Tucson, Arizona. He says Herman's family of 3 girls and a boy are fine.

Don Brewster is with the Hervey Foundation Laboratory, but we don't know where.

CLASS OF 1912

Walter F. Beyer. With the Home Insurance Company, New York City.

John A. Stevenson. Still doing business at the old stand. Senior mycologist in charge of mycological collections, Bureau of Plant Industry, Washington, D. C.

CLASS OF 1913

G. H. Wiggin. A pioneer in Forestry. Last fall he established the first courses in Forestry at the University of Kentucky. One course in General Forestry, and another in Farm Woodlands. Congratulations, Gilly!

He is not ready to say, as yet, whether the 'kids' learned anything, but says that he attended all the classes. He believes he has convinced them on one score; that he is Doctor Wiggin, not Professor.

Charles D. Simpson is Forest supervisor, Coeur d'Alene National Forest. He said that he seldom sees any of the old-timers, but he gives us the following:

Irwin Puphal is now District Ranger at Wallace, Idaho, on one of the big, busy districts of this forest.

"Not long ago **Howard Hall** of Eugene, Oregon, class of 1913, initiated a round-robin letter and made me No. 2 on the mailing list. I forwarded it to **Paul Tobin** who is with the Potlatch Forests, Incorporated, at Lewiston, Idaho."

He doesn't know what progress the letter is making, and hopes it has not "bogged down".

The Peavey hopes the letter is making progress too. The chain-letter idea has been suggested by Alumni editors in the past and this is the first time it has been tried, as far as we know.

CLASS OF 1914

Samuel A. Graham. Professor of Economic Zoology, Division of Forestry, University of Michigan, Ann Arbor. News?

CLASS OF 1915

Thorwald Shantz-Hansen. There are two sections of the Junior Corporation again this year, so Schantz will have charge of the group at Cloquet.

CLASS OF 1916

A. B. Gerlow sent his check all the way from Santiago de Chile by airmail, and the check was for three dollars. That is a nice margin to cover postage, Mr. Gerlow. We hope the Peavey is as welcome as your check. We will pass your information on just as we got it.

"Nothing much can be said about my rambling activities here in Latin America except that I am just back from a trip looking over an Alerce (a large redwood-like cedar) tract among the volcanoes of Southern Chile (southeast of Puerto Montt), where there are plenty of steep hills and big timber—but no bugs."

Harry Bartelt is a bigwig in the Boy Scout organization and as far as we have been able to ascertain, is now located at Duluth.

CLASS OF 1917

Parker Anderson is still Minnesota's Extension Forester and has his office at the University Farm.

J. D. Burnes is treating engineer at the Page Hill Cedar Pole Company in

Minneapolis. His home address, we find, is 5008 Vincent Avenue south.

CLASS OF 1918

Herb Swanson is with the Kimberly-Clark Paper Company at Neenah, Wisconsin.

George Hauser is still coaching that great Minnesota line.

CLASS OF 1920

S. C. Brayton says he is still Ranger on the Mio District of the Huron National Forest. He thinks the Peavey has shown "continued fine improvement".

CLASS OF 1921

H. L. Persons sends his best wishes for the success of the Peavey. He and **Hallin '29** are still handling the forest management research in the redwood region for the California Forest and Range Experiment Station. He says **Abe Everts '26** has left Region 5 for New England.

Lloyd Grapp is with the management division in Region 9 at Milwaukee.

A. E. Wackerman is on the staff at the School of Forestry, Duke University.

CLASS OF 1923

Otis McCreery is the Dean of Men at Washington State.

Bob Knight is reported to be an engineer for a dry kiln concern at Memphis, Tennessee.

A. L. "Gump" Nelson, a former Editor-in-Chief, sends his buck with sympathies for the present Editor-in-Chief. The Alumni editor prefers to remain silent on the issue, but will say the Chief appreciates the words of past members of the staff, they are universal in their comments. A. L. says, "Since 1935 I have been Supervisor of the Ouachita National Forest, stationed at Hot Springs. This forest

covers a gross acreage of 2,526,000 acres, with a net acreage of 1,475,000 acres. Not only do we have acquisition work, fire control work with its important educational phase, but we are also increasing our recreational activity, our social work in rehabilitating permittees on Government land, and taking in money from timber sales. The Ouachita, last year, was third in timber sales receipts of National Forests of the United States. Only two in the Northwest beat us. This year there have been more sales made—two of the largest operators have shut down for a greater portion of the fiscal year. However, in spite of this, it looks like we will again make \$150,000 or more. I might add that **Del Thorsen '36** is one of the timber beasts and helps a great deal to mark and handle part of the sales work."

CLASS OF 1924

Ernest F. Sheffield writes a resume of his life since graduation. He had an exhibit at the Forestry Day Celebration last year. Here is the letter:

" . . . I have been in the nursery business continuously since graduation from the Forestry College in 1924. I have a greenhouse and flower shop in Minneapolis and a nursery at Robbinsdale. We employ from 4 to 15 skilled horticulturists, and have landscaped six U. S. postoffices and two veterans bureau hospitals in the past two years.

"The wife, who I first became acquainted with as assistant to Mr. Mc Intosh, secretary of the state horticultural society on the University farm, helps me with my horticultural work and she is as much in love with this work as I am.

"During January we took a pleasure trip to Little Rock, Houston, Galveston, El Paso, Tucson, Yuma, San Diego, Los Angeles, San Francisco,

Boulder Dam, Sequoia National Park, Grand Canyon and home. This is our seventh winter trip to the south, but the first one west. We saw the General Sherman tree and had a cabin in the redwood forest.

"While I was gone the Uptown Commercial Club elected me president without my knowing that I was a candidate. So it looks like I will have a busy year, as we are anticipating a very heavy spring business and even in February we have all we can handle."

M. Y. Pillow sends his regards from the Forest Products Laboratory. Last fall Max spent a half a day showing a group of Minnesota foresters through the lab.

CLASS OF 1925

R. B. Thomson writes that he enjoyed the Alumni section last year and hopes that we obtain even more news for this year's edition—so do we R. B. He likes his new position as Associate Professor of Forest Economics at Duke very much. Besides himself, **Bill Maughan '25** and **A. E. Wackerman '21** are on the Forestry staff there.

L. G. Baumhofer would like to see the addresses in the Alumni Directory coincide with those in this section. There should be few errors of such nature this year; each address has been checked upon receipt of an Alumni letter and corrected. The Alumni Directory will be printed from the corrected list.

Baumhofer is still in the bureau of Entomology and Plant Quarantine at Washington, D. C.

CLASS OF 1926

John G. Kuenzel. With a publication on "Tree defects in oak-hickory stands of southeastern Iowa" under way as a joint venture with the Forestry Department of Iowa State, the last few months have been busy ones for him. While he is in his office he is

busy keeping up with the rapidly expanding forestry interest in the region, with special emphasis on forest management research. He recommends an assignment of forestry-cataloging in an experiment station library for any one seeking an indication of the growing pains of forestry. He hopes that the new five year course includes an increase in the "Prof's personal store of information and observation, uncensored" in proportion to the increase in "book learning" required of the students. He met many Minnesota Foresters at the joint meeting of the A. A. A. S. and the Society of American Foresters at Ottawa last summer. At the annual meeting of the Society, in Columbus, he saw numerous Forestry celebrities (Minnesota grads) at the Minnesota Foresters' Banquet.

George Sargent is "still plugging away" as Assistant Supervisor on the Shasta National Forest. He thinks **Al Hagen** will become a native son, now that he has married one of the stenogs out there.

Ralph M. Lindgren sent for two subscriptions again this year. He is still doing business for the A. D. Chapman Chemical Company at New Orleans, according to his address.

Hy Goldberg is reported to have been transferred recently to Wichita Falls, Texas, as assistant state director of the Shelterbelt work.

Abe Everts has left his job in forest management in Region 5 to become Assistant Director of the New England Salvage Administration for the State of Connecticut, according to **H. L. Persons, '21**.

Nobel 'Shady' Shadduck is practicing law in Minneapolis.

Warren W. Chase is still regional biologist for the Soil Conservation

Service and has recently moved from Des Moines to Milwaukee.

CLASS OF 1927

J. L. Deen is the Dean of Forestry at Colorado State College.

Leslie W. Orr writes about his work as assistant division leader of the Division of Forest Insect Investigations of the Bureau of Entomology and Plant Quarantine. "It includes a wide variety of duties, such as reviewing work plans, reports, manuscripts, etc., that are received from our field laboratories. I also spend quite a lot of time on work in connection with personnel matters as well as with fiscal affairs of the division. This work keeps me here in Washington the greater part of the time but I do get out to visit some of the field stations and see some of their work occasionally. I hope that it will be possible for me to go to St. Paul the latter part of March for the entomological meetings. If so, I will try to get around to say "Hello" to my friends at the University Farm."

He writes that **Ernest L. Kolbe** '27 is in Washington on temporary detail taking a statistical course which is being given by one of the Forest Service men. Ernie is stationed at the Northwest Forest Experiment station at Portland, Oregon. According to our informant, Ernie is still the same enthusiastic and energetic fellow that he was when in school.

Carl G. Krueger writes that the only outstanding thing that has happened to him was a detail to New England. He was in Rhode Island nearly four months working on the salvage of timber in the hurricane district. He says that the work was very different from the usual line, and very interesting. The amount of damage could hardly be imagined by anyone who has not seen it.

Edward P. Duclos advises us that he resigned from the National Park Service, Milwaukee Procurement Office, last November, to become manager of the Towne Theater at New Holstein, Wisconsin. He extends his greetings to his fellow alumni, and wants them to stop there and enjoy a good show when in the vicinity of New Holstein. The theater is a first-class one with an R.C.A. sound system.

Earl G. Wilson is on the Wayne Purchase Unit of the U. S. Forest Service as Nursery Superintendent at Chillicothe, Ohio.

CLASS OF 1928

Frank H. Kaufert sends double the subscription price. He appreciates the efforts of the staff as it was not so long ago that he helped get out an issue. Frank says: ". . . My own efforts are still confined to research on preservatives for cellulosic products and recently on chemical seasoning agents for wood. This latter study has proven very interesting, and we predict that the use of carbamide, a dressed-up name for a common chemical, will open up a new field of work in seasoning woods that are now seasoned with difficulty and often with serious losses due to checking and other defects."

Ellery M. Foster, Minnesota State Forester, sums up his work as follows: (1) directing the forestry division in the work it is already in a position to do, and (2) helping to untangle the legal snarls which keep some 5 or 6 million acres of potential forest land bound up in tax-delinquency where nothing much can be done with them.

Benjamin M. Whitehill is now a ranger on the Sleepy Cat District of the White River National Forest. His summer address is Buford, and in the winter he is at Meeker, Colorado. Grazing and game are the chief forest uses making recreation an important

problem out there. Trappers' Lake lies on his district, and he says it is reported to be one of the most beautiful lakes in Colorado.

Oliver Cook is still an unofficial advisor to the Peavey as a representative of his company, the Flour City Press.

J. N. Van Alstine. Still Forest Ranger on the New Castle District of the Jefferson National Forest and is stationed at New Castle, Va.

W. H. Fischer says there has been no change in his employment status since last year. Still with the Forest Service as Supervisor of the Chattahoochee National Forest, headquarters at Gainesville, Georgia.

Ray W. Knudson has the same job as staff assistant in the Supervisors office on the Clark Purchase Units, but is now at Kirkwood, Missouri.

CLASS OF 1929

A. K. Wogensen is District Forest Ranger on the Minidoka National Forest. His letter sums up his career since leaving school and carries a few thoughts which we young bucks might remember as well as the graduates. "Concerning myself, since leaving the "U" in 1930; I received a Civil Service appointment two weeks prior to my notification of passing the J. F. examination. Those things don't happen anymore.

On my first appointment I started scaling logs on the Bois Fort Indian Reservation in Northern Minnesota in July, 1930. I have since held positions as Ranger, U. S. Indian Service, North Carolina; Ranger, U. S. National Park Service, North Carolina; and my present position as District Forest Ranger, U. S. Forest Service, Idaho.

"In my way of thinking, the Forest Service has a high priority as the best outfit to work for in comparison with

other branches of Government Forestry or allied work.

"We all feel that the Forest Schools are giving us a high type of modern day Forest Personnel. However, lest we forget, there is still the old-time Ranger in the Service, whose only college training was that of underpaid hard work. As time passes, their ranks are annually growing thinner. I cannot say but that with my every contact and association with this type of man, a deeper regard and respect for him is built up. They are still a substantial part of the backbone of the Service. They may not know all the scientific terms, but on the job, they still get the results." (This is certainly a fine letter, the Peavey could use more like it.)

John Neetzel, we find, is in charge of the Upper Peninsula Experimental Forest at Dukes, Michigan. This is a field station of the Lake States Forest Experiment Station.

Dan Thomas would like to know what has become of all the "49'ers" of the Freshman Corporation of 1927. He submits a brief summary of his activities since graduation: "Worked for the International Paper Company at Piercefield and Glens Falls, N. Y., for four years. Then with the U. S. F. S. on the Nicolet National Forest for three and one-half years. Next I went with the Minnesota and Ontario Paper Company working in the mills at International Falls, Minnesota, and Fort Frances, Ontario, for a period of one and one-half years. Have now spent almost a year in the insurance business in Minneapolis. By virtue of my present location, I had the privilege of attending the Dedication services of Green Hall. After looking over the present facilities of the student foresters, it makes one feel that he went to school years too soon!"

He enjoys the Alumni section, but believes that foresters are inclined to be a little too modest in relating their activities.

S. B. Andrews, who is with the Wood Preserving Corp. at Charleston, S. C., says nothing has happened except a tour of the east coast and New York City, a first-class tornado which he survived, and a \$200,000 fire in the plant in which he cracked the March of Time news reel.—A very dull existence, Shirlee.

Dale Chapman says **Ralph Lindgren** and he are still very much in the chemical and wood preservation business, although **Frank Kaufert** of the DuPont Company is making competition keener.

William Hallin is still at the California Forest Experiment Station.

Clyde Christensen, our Forest Pathology instructor, received a bundle from heaven last spring.

CLASS OF 1930

Irwin Puphal is district ranger on the Couer d' Alene National Forest and is stationed at Wallace, Idaho. Irwin is beginning to wonder what happened to the "Original Four Musketeers." He recalls the "Irish Mors" at Itasca, the home-brew at Libby, the old jalopies with no brakes, no lights, no tops, and no morals. Irv would appreciate hearing from some of his old classmates . . . and so would the Peavey.

Clarence D. Chase is ranger on the Manistique District of the Hiawatha National Forest, Manistique, Michigan. Clarence says the happy family now numbers four, Davy and Judy being the new rulers of the Chase household.

Mr. Chase won the distinctive honor of being the first alumnus to get his

buck into this office. Congratulations, Mr. Chase, you have attained a coveted position.

Clarence E. Olson has become tired of living out of a suitcase, even though the work was very interesting, and welcomes the chance to settle down in one place for a while. He has recently been transferred to Salt Lake City to take over woodland activities for the S. C. S. Previously he was on surveys with the TCBIA division of the Conservation Service, working on various Indian Reservations in the Southwest. He hasn't located any Minnesota Foresters in the neighborhood yet, but feels that there must surely be some.

Arvid Tesaker says "No news is good news." At the time of writing he was in Hopkinsville, Kentucky. He didn't say why, but mentioned that the address was not permanent.

W. H. Brener says: "Things are going along fine here in Wisconsin."

H. L. Mitchell. We gather from his stationery that he is a Consultant in Soils and Plant Nutrition, still at Cornwall-on-Hudson, New York.

T. Ewald Maki is still in charge of Forest Management Research at the Intermountain station; still married and now the proud father of a daughter.

Ralph W. Lorenz. When we came back to school last fall we were surprised and sorry to find that Ralph had left. But we are glad that he has such a fine position. His letter explains things very well:

"Last fall I ran out on the boys before they got back from the woods. It was only with considerable reluctance that I did so, for I did wish to say goodbye before I left. During the Christmas holidays while at the University Farm, I had the good fortune

to go through the new Forestry Building with Doctor Schmitz, Professor Rees, and Professor Cheyney. Although I had helped in the moving process last summer, I spent only three days in the new Forestry Building before leaving for the University of Illinois. I do hope the students now realize that their new building with its facilities for forestry instruction compares favorably with any of its kind in the country. It would have been nice if I could have spent one year of teaching in the new building before leaving Minnesota.

"My work here at the University of Illinois consists of full-time forestry research in the Agricultural Experiment Station at Urbana, Illinois. A very small part of my time is taken up as an extension specialist, which consists mostly of attending an extension conference about once a month and occasionally giving a talk over the University radio. Last summer the University created a new Department of Forestry which offers a pre-forestry curriculum but does not offer a professional course. Our newly created department of Forestry has three extension men and two research men. You will be interested to know that **Guy Hawkins**, a Minnesota graduate of 1937, is now working as an extension man in our Department. As you know, he is a married man."

The Alumni Editor will be at Cloquet this spring, Ralph, but the Chief of the staff says "every alum will get his copy this year." Knowing the Editor as we do, we feel sure that no one will be slighted.

Rolland Lorenz is with the Bureau of Plant Industry, and is generally in Washington, D. C.

CLASS OF 1931

Stanley J. Buckman is still with the American Creosoting Company at

Louisville, Kentucky, as head of their research department and research activities in conjunction with the operation of their 25 plants.

Frank H. Anderson. Technical foreman, Gunflint Camp, Grand Marais.

E. B. Dahl is still vitally interested in the Peavey, the School, and the Alumni Section. He is Project Forester in the Soil Conservation Service at Burlington, N. C. He sees Minnesota Alumni quite often in his section, particularly, **Bill Maughan** at Duke University, **Hugo Pawek '30** and **Barney Huchenpahler '31** at Salisbury, N. C.

Maurice W. Day is now in charge of the Dunbar Forest Experiment Station at Sault Ste. Marie, Michigan, which combines an experimental forest, demonstration forest, and a forest nursery. He says Minnesota men are not plentiful around there. Among those he has seen, are **Hy Goldberg '26**, **Clarence Chase '30**, and **Robley Hunt '31**. Robley is now near Neenah, Wisconsin.

Weston Donehower writes that he is Assistant Regional Forester in the Soil Conservation Service, Region one, comprised of the 12 northeastern states from Maine to West Virginia. Regional office headquarters were moved to Philadelphia, Pa., in June, 1938. Outside of regular routine duties, he spent a two months assignment in Washington, D. C., this past fall. To clean up a question that appeared in several letters to the Peavey, Wes does have a young brother.

Henry Keehn is the proprietor of a meat market at Lewisville, Minnesota.

Alf Z. Nelson is still with the Division of Forest Economics of the Forest Service in Washington, D. C.

Ray Osborne didn't say anything, but we have reason to believe he is still with the Forest Service at Ontonagon, Michigan.

Lyall E. Peterson confesses that after checking back over the Peaveys from 1931, he must admit they have been improving, and that is saying something, because he claims the 1931 issue was a mighty fine edition. To make this issue even better than we had hoped, Lyall has promised to write an article. "... Since my last annual tidbit the Forest Service has kindly taken me off the hands of the TVA. The present job, in National Forest Planning, is set-up as a part of the Land Acquisition branch here in the Washington office. Although our main job is that of planning the future course of national forest acquisition, we are also concerned with a multiplicity of other jobs—many of which will probably never be finished."

A. E. Schneider writes that he has been on leave from his position as Assistant Supervisor on the Huron National Forest since last September. He is taking a year's graduate work in Public Administration at the American University in Washington. He expects to be back on the job next summer. From another source, we are told that he will make a trip to Europe next summer, if the trip seems advisable at the time. How about it, A. E.?

CLASS OF 1932

Al Laidlaw is Project Biologist in the Soil Conservation Service at Coon Valley, Wisconsin. He hopes the Peavey is as good as, or better than ever.

Wilbur R. Isaacson. Quoting: "I am in the Ozarks trying to stop the hill-billies from 'putten out fire'. Have become well acquainted with ticks, chiggers, and the other varmints present. All in all, I still enjoy Missouri."

seventy-eight

CLASS OF 1933

Harry T. Callinan is now at Zumbrota, Minnesota. He is Camp Forester for the Soil Conservation Service there. Considering the way the Service is expanding, he isn't sure just how long he'll be there, but hopes to get caught in the expansion one way or another.

Emil G. Kukachka is working for the U. S. Forest Service, C.C.C. Co. 717, Side Lake, Minnesota, as Technical Forester.

Ero E. Laitala says he and **Art Mayer '31**, have been working in the "Big Swamp" (Pine Island Forest) area since last August. He hopes our letters have reached those "who have forsook the northern climate for that of the south."

Donald E. Price is now acting as District Ranger on the Roosevelt National Forest. Due to the "vagaries of fate," he doesn't know how long he will be there. He has moved himself and his sleeping bag on an average of once every four months for the past two years. He says **C. Gordon Wyatt, '36**, is Timber Sales Ranger on the forest.

John A. Rundgren. "Present position, Assistant Ranger, Devil's Head District of Pike National Forest. Married recently." That's putting quite a lot into "just a few words." Perhaps John can tell us a little about married life next year.

Rolland Schaar writes that he is located at Athens as District Forest Ranger of the Hocking Valley, District of Wayne, Ohio. He sends news of **John Ahern, '35**, which we will include in the 1935 group.

Henry A. Stoehr is employed by the U. S. Conservation Service as Junior Forester. He says the winters

in Tennessee are quite a contrast to those in Minnesota.

Frederick F. Wangaard is in his third year of teaching at the University of Washington. They have been very busy years for him, for he has been working on a thesis for the doctorate. On January 27 of this year, the New York State College granted the degree of Doctor of Philosophy. The thesis was in the field of wood technology, and dealt with the heat conductivity of wood. He says **Elmo Nauman**, '33, and he manage to keep an *irregular correspondence*. Elmo is in San Francisco, where he has nearly completed a course in theology. **Walt Zillgitt**, '33, also drops him a line once in a while.

Alice Stuart writes to tell us that she is on a year's furlough from the Forest Service, and is taking graduate work at the New York State College of Forestry. Alice, who has a rating as a Junior Forester, asks that we tell all who are concerned that she is looking for a job, and she promises a dollar from her first pay check for the Peavey. We don't think that added incentive is necessary, Alice, but we will appreciate it.

Vic Sandberg has spent the winter under the sunny skies at Albuquerque—under the guise as "Ye Editor" for Uncle—compiling, writing and editing three ponderous regional handbooks.

Over Xmas Vic visited with **Leon Hill**, and says that Leon is either wearing a corset or has been taking strenuous setting-up exercises—at any rate, the full contour he once acclaimed is giving way to the "true western slimness."

Harley Johnson is getting over a winter of heavy snows up in his paradise—the Kaibab, up on the north rim

of the Grand Canyon. Vic said he was up to visit him last fall for the deer season, and he got his buck.

Harold Tysk, '32, is hard at work on the same interesting studies in Regional 3 offices. He is establishing a fire danger meter for that region. According to Vic, Harold was married last fall.

CLASS OF 1934

George A. Herion has been transferred recently to Santa Fe, New Mexico, from Safford, Arizona. He says he is still with the S. C. S. On his new job he is Area Forester, Upper Rio Grande Area. His family consists of two girls, Pat, age three, and Kit, age one.

CLASS OF 1935

Donald Baldwin informs us that twin foresters arrived last January 6. They are his first children, and he hopes they attend the Forestry School at Minnesota. This is the best news the Peavey received this year. Don says he certainly wants to receive a Peavey each and every year. As for his job, he is now Project Forester with the Soil Conservation Service at the Bottineau, North Dakota, Project Area. He went to North Dakota in the spring of 1934, directly from school, and served as State Extension Forester with headquarters at the North Dakota School of Forestry, also at Bottineau, until July 1, 1936, when he accepted an appointment with the S. C. S.

Howard L. "Pete" Brown guesses the news that would interest his classmates is that he married a Grand Rapids girl in July, and he is acting Ranger on the Dora Lake District of the Chippewa.

Roy M. Carter gladly sends his buck to the Peavey. He has news of several Foresters. **Lincoln A. Mueller**,

'35, Superintendent of Scott Lake Camp on the Nicollet is still interested in game as he is stationed in the heart of a deer refuge that is seriously over-browsed. **Jim Hovind**, '35, and **Roy Eggen**, '37, and himself are practising forestry on the County Forests of Wisconsin which will total approximately 2 million acres. He says the Peavey shows improvement each year and is looking forward to another "noble publication."

Jack P. Dundas is Forester at Camp Irving, Soil Conservation Service, Black River Falls, Wisconsin.

Wilfred H. "Bill" Lauer, Jr., does not believe that there is enough concrete material on practical farm forestry in Southeastern Minnesota at the present time to merit an article for publication. He leaves in the hands of the alumni editor the responsibility of getting out a good yarn for this Section, so here goes. Bill was the editor's boss last summer, so this information is first-hand and authentic. Soon after passing the J. F. in 1935 he became Assistant Project Forester in the S. C. S. on the Gilmore Project near Winona. He has been Project Forester since 1937. Everything is going smoothly for Bill, and last September he gave up bachelorhood. There is every indication that his course will continue on an even keel. His time in Winona may be short, for the five-year plan for the Project is nearly completed.

Peder N. Lund is still at Fenimore, Wisconsin, in the capacity of Project Forester. He has the pleasure of working with a number of Minnesota Foresters in his attached camps, namely: **Jack Densmore** '35 at Viroqua, **Roy Dingle** '35 at Ontario, **Jim Stevenson** '38 at Highland and **Howard Hass** '37 now at Holmen. He also sees **Jack Fry** '33 and **Al Laidlaw** '32, who are

at Coon Valley, and **Bernie Peterson** '37, who is at Independence.

Donald B. Lynch is still working for the Soil Conservation Service at Lanesboro, Minnesota.

CLASS OF 1936

Earl J. Adams is with the Minnesota Forest Service at Big Falls, Minnesota.

Sigurd J. Dolgaard is Field Assistant for the Lake States Experiment Station, Chippewa Branch, located at the present time in Cass Lake. He has been on the Chippewa since November, 1936.

Karl Jacobson was shot by a deer hunter last fall. His mother writes that he passed away on November 13, 1938, from gunshot wounds received while on duty in the Acadia National Park at Bar Harbor, Maine. He was shot by a hunter, supposedly mistaken for a deer.

Miles W. Kelly pleads a rush of work for not answering our first letter sooner. We received the buck, so you are excused, Miles. He thinks the '39 Peavey will be the best one yet, except the one his bunch put out. Well, we'll see about that. "As to what I am doing? I'm nominally the Research Department at the Baker Furniture Inc. factory here in Holland. The work is mighty interesting and not a little puzzling, but a fine management plan always is a great help."

Karl Kobes is working for the Biological Survey at Thief River Falls, Minnesota.

Myron D. Ostrander sends in a two dollar bill, and says they are common in Connecticut. The Chief of the staff was gone for two days after this letter came in and we were afraid he'd gone East (he's having a little financial difficulty with the Peavey). You'll get the back copies you want, Myron. At

present Mike is with the Northeastern Timber Salvage Administration and is located in Connecticut. His position is as Sub-district Supervisor, whose duties are to scale the salvaged timber purchased by N. E. T. S. A. and to draw up purchase agreements between the seller and Uncle Sam. He says **Sam Poirier '37** is somewhere in Conn. doing the same sort of work. He thinks **Bob Sharpe '38** is up in Massachusetts on the Harvard Forest doing check-scaling. Myron expects to be in the East until June, but can't say definitely.

Leonard J. Pulkrabek is working for the Minnesota Forest Service and his headquarters are at Ely, Minnesota.

Russell Rosendahl is at Duke University working for a Master of Forestry degree. He hopes to receive the degree this spring. He says they have a fine forestry faculty there and a large experimental forest to practise on. He thinks commercial forestry will amount to something there if they can convince the tobacco farmers that they can make money on something other than raising tobacco for Bull Durham, Lucky Strike, and Chesterfields. As far as he is concerned, Southern cooking is a "lot of hokum, (with grease added)", and he is longing to get back in Scandinavian country for a good cup of coffee.

Sulo V. Sihvonen is studying at Yale, but doesn't say what or why. He expects to be back in his home town, Craigville, this summer.

CLASS OF 1937

Don Ambrosen is back in Winona, and did some work for the Soil Conservation Service last summer. He has been pretty quiet, but his marriage license appeared in the Winona Republican Herald last March.

Axel L. Andersen sends his dollar with wishes for success, and hopes it will be as good, if not better, than the preceding issues. January first, this year, he received a graduate assistantship in Plant Pathology in the Department of Botany at Michigan State. Congratulations and good luck, Axel.

Victor C. Anderson encloses his "financial support" for the Peavey. His address is now Oakes, North Dakota.

Al Engstrom for the past year has been employed by the Oklahoma State Forest Service as nurseryman at the Sub-Prison.

Joseph P. Falbo says: "Mother Forestry has not, as yet, knocked on my door." But he has not given up by a long shot. He plans to be back for graduate work if something does not turn up soon. He is now employed as laboratory assistant in Hibbing Junior College. The work is interesting, but has no connection with trees. He asks us not to be too tough on the Alums who are slow in answering our letters.

Al Hagen sends his check to "do what little it can toward producing another 'rip-snortin' Peavey." He has been in California for three years now, so he's joining the California Chamber of Commerce. He sees a bunch of Minnesota students every year, so the news gets around out there. At the present time he is acting Assistant Ranger on the Pit District, but is doing his share of worrying about the coming J. F. He has been in the Timber Sale division up to the present time and likes it very much, especially since **George Sargent '26** is Assistant Supervisor in charge of the division.

E. Arnold Hanson sums up his activities in a concise manner: June 1937 to February 1938—Grazing Sur-

vey, Region 4, Cache National Forest, Idaho and Utah. March 1938 to June 1938 — Statistical Draftsman, Lake States Experiment Station. June 1938 to October 1938—Assistant Chief of Party, Grazing Survey, Region 4, Manti National Forest, Utah. October 1938 to doing graduate work in Silviculture on a scholarship at the Harvard Forest, Petersham, Mass. He gives us information concerning several grads, among those not listed before are, **Ed Kron**, Salvage work in Connecticut, **Irwin Johnson** '36 is on the Dixie National Forest, Cedar City, Utah.

Raymond A. Jensen is at the Forest Experiment Station, Cloquet, being T. Schantz-Hansen's right-hand man.

Charles Kirk is District Forester with the Missouri Conservation Commission, and is located at Jefferson City, Missouri.

Geddes McMillan has a job as Assistant Rural Rehabilitation Supervisor under the Farm Security Administration with headquarters at St. James, Minnesota.

Sam S. Poirier is trying to convince the Connecticut Yankees that he can do them some good. He is working on Timber Salvage. Sam says he hasn't scaled so much pine yet, but spends most of his time locating ponds and landings. Last summer he worked for the Forest Service as Campground Guard at the Kawishiwi River Camp and Picnic Grounds near Ely. After September 15 he was with the Gegoka Camp F2 as Project Assistant. He drove East with **Albert Tofte** '32, who is now in Massachusetts in Timber Salvage. He says **Rich Townsend** '36 has been going to Yale this year for his Masters degree, and that **Martin Meldahl** is working for the Heimbach Lumber Company in Duluth. Also,

Ed Anderson '37 was married last summer as was **Clayton Granros** '37. Ed is with the Forestry Department of the Oliver Iron Mining Company.

Dick Smith had a little difficulty getting his Peavey last year. We hope that doesn't happen again; it won't happen this year, at any rate. For the past year he has been with the Southern Forest Experiment Station engaged as field assistant in silviculture, ecology and plant physiology research from Georgia to Texas. Says his lungs were full of smoke at the time of writing from doing a little fire research. "The local Jeeter Lesters still prefer to 'scorch 'er (the woods) on a ca'm day," so he is expecting a hot winter. Quail shooting has been good this year, he also got a 'coon and two 'possums one night. His alumni contribution is as follows: **Bud Clark** '37 is with a paper company at Jacksonville, Florida, **Roy A. Chapman** '27 and **Art Verrall** '27 are with the Southern Station, **Carl E. (Ike) Benson** is ranger at Laurel, Miss., **Jim Henderson** '36 may still be at Shreveport, La., **P. H. Bryan** '24 is supervisor of the Kisatchie National Forest in Louisiana.

F. M. Thomson is a forester with the North Star Timber Company, a large pulpwood logging company, with operations in the spruce swamps between Two Harbors and Ely. He says they are not operating at the present time, but are cruising and mapping their holdings. He has run across several yellow tags on section corners and quarter corners established by U. of M. boys during the Superior National Forest Acquisition in 1934.

Yale Weinstein, former Peavey Editor, was back to look over the new building during the Christmas holidays. He was glad to see the Peavey was remembered by such a nice office.

He had a reunion with several of the boys while he was here. Those he has seen in the southwest are **Gordon Wyatt '36**, now working for Uncle Sam in Colorado, **Stanley Olson '32** now with the S. C. S., and **Vic Sandberg '33** who is stationed temporarily in Albuquerque where he is getting some dope for a C.C.C. handbook. We'll quote him on himself: "Still employed as forester for the New Mexico Lumber and Timber Company. While most of my work has been rather remote from actual forestry, I can see some interesting work in the near future. That is, the adoption of a new value selection system of marking with the ultimate aim of attaining a sustained yield form of management. Our mill, which is at present being electrified, is situated at Bernalillo and the logs are brought in by rail a distance of approximately 50 miles. Truck logging has materially changed the logging picture here in the southwest, and as a result, we plan on abandoning part of our railroad and substituting trucks." The Peavey can always count on past members of the staff for nice letters and lots of support.

Norm Borlaug is taking his masters degree in Pathology here at the University and has been Clyde Christensen's right-hand-man this past year.

Bernie Shema is another Pathologist working on his degree here at Minnesota.

Frank Shearer is still with the White River Lumber Company in Minneapolis. Frank spoke at our Dedication Banquet and has lost none of his mastery of such things since leaving school.

Dwight Benseid has stepped into a faculty position here at the forestry school and his problem in jack pine seedling growth has a good many of

the boys in Brownies' problems class stumped.

Vince Bosquet is working on his degree in silviculture up in our new graduates' room. Vince, along with John Miles, is also handling the Northwest Forestry Company here in St. Paul. Some of you may not know that Vince is a proud papa now, so we'll let you in on it.

Clem Kaufman sits right across the way from Bosquet up in that Graduate room and it shouldn't be long now before there is a "Doc" tacked on before that Kaufman.

CLASS OF 1938

Joe Connor is working for the Cloquet Wood Conversion Company. Joe sends his buck, his regards and no criticisms. Joe, as you may or may not know, was World's Champion Log Roller in 1937. He had a little tough luck this year.

Fred Dickinson, we understand, is now a married man, going off the deep end last New Years. He is a Forester in the Day Lake Camp at Deer River.

Carl Dion sends in a buck and a half to compensate for not stopping in while he was recuperating from an appendicitis operation last January. Says he and **Bob March '38**, footed it to the most God-forsaken (nine miles from a pack base) but according to the records the most productive of the whole shebang, Blister Rust camp last summer. Bob became assistant boss and he became crew leader of the rework bunch. Some trophy Bob wanted was discarded when the south wind brought its unbearable odor into camp. He writes an interesting account of his work: "Last spring I had a very interesting job with the Lakes States on flood control research. It required driving a car for 150 to 300 miles a day collecting stream silt samples, with

overtime when floods were rampant. Idaho was quite a contrast; I didn't see an auto in two months. I worked again in September on flood control, and had my most interesting experience when I had to wade a block thru water above my knees to reach a bridge over the wild Root River at Houston, Minnesota. The stream was running so fast that my attempts to time its travel under the bridge failed and I pressed a farmer into service to help me rate it."

In October he landed a job as foreman in a C. C. C. camp near Milwaukee.

He met Mr. and Mrs. **Guy W. Hawkins** in Chicago, and had quite a time seeing the high spots of the town. He says he corresponds with **Douglas Johnson '37**, who is now at home in Minneapolis.

Raymond Ellstrom says "I got myself married last August." Ray is working for the Northeastern Forest Experiment Station at the Bartlett Experiment Forest in New Hampshire. He thinks the station is one of the nicest that he has ever seen and is located in the center of the White Mountains.

Dick Gruenhagen is taking graduate work in Plant Pathology at Wisconsin. His problem is in Forest Pathology. He likes it there but says it doesn't compare with Minnesota. After he left Cloquet last spring he went to work for the U.S.F.S. on the Nicollet National Forest. He was on the technical staff of a camp and had a crew on timber estimating, land inventory, TSI and planting reconnaissance. He liked the work, and was in the same camp with two other Minnesota men, **Gordie Carr '33**, and **Rags Romnes '35**. He claims a good average for Minnesota, three out of five tech-

nicians. He hopes to get his masters soon; good luck Dick.

Daniel Leach says he isn't doing any thing in forestry right now but he has a lot of hope. At the present time he is at home in St. Paul.

Bob March is waiting for spring so he can go back to his job with the Weyerhaeuser Engineers at Longview, Washington. He spent two weeks in the hospital waiting for an attack of appendicitis, but nothing developed. Says he had some good pike fishing through the ice this winter. He tells us that **Dave King '38** is married and is at home at Orr, Minnesota.

Alvin Nelson says "since graduation last spring I worked at the Hayward Nursery from April to December. **Omund Seglum '38** and I have just returned from the Superior National Forest where we made a survey of the forest tentless caterpillar. Most people think we are crazy when we say we are making a bug survey in the winter, but we were establishing permanent plots and collecting egg masses. We plan to continue this work on the Chippewa National Forest now."

Edwin Saarnio has been working in Duluth since graduation and has no startling news concerning matrimony to offer at the present time. Says he will check up on Central Hall for all the Junior Corporations at the first opportunity.

A. C. Stearns writes with some 'misgivings' that he is now engaged in agricultural work, knowing the reaction of foresters to "Ags" on the campus. He has been in the Hawaiian Islands since the fall of 1937 working in the sugar industry. He has just completed a year with the Experiment Station of the Hawaiian Sugar Planter's Association, and he certainly likes the work. Other Minnesota men who are down

there are **Joe Kissen '37** who is associated with the Hutchinson Sugar Co., and **Russell Wold** (soils '38) and **Chester Wismer, '38** (pathology grad)

He takes this opportunity to say "Aloha" to the Forestry School and the faculty, and says "seriously, it is a good place to be from."

Howie Hagen is working in the Division of Information and Education of the U. S. Forestry Service, headquarters in Milwaukee. He travels around the region to show motion pictures on Forest Service work, mostly on fire prevention. He is very much interested in the work. His audiences range from the hillbillies of the Ozarks to the socialites of the centers of population. He says, in all cases the reaction is the same, they seem to be very much in favor of the Forest Service and the work it is doing.

Edward Kafka has a position as technician with the Civilian Conservation Corp in Wisconsin. He expects to be transferred to Brule, Wisconsin quite soon. He has been working in Antigo. Ed is quite anxious to know what has happened to his classmates and what has taken place at school this year.

LATE ALUMNI NEWS

H. F. Rathbun '28 writes in to wish us success on the 1939 Peavey. Harold is still with the National Pole and Treating Co., in Minneapolis, treating ties, poles, lumber, etc. He says that business has been fairly good during the past year.

Tom Schrader '37 and **Al Grant '28** send in their subscription fees from S-52 at Orr, Minnesota. Tom is still doing game management work, and eventually hopes to land something permanent in that line. He says he has become a proud father since leaving school—the baby is nearly two years old now. **Dave King** has been transferred to Effie, Minnesota, according to Tom's recent letter.

Ted Myren '37 says he is employed at present as Junior Forester for the S. C. S. at a C. C. C. camp near Ellsworth, Wisconsin.

Dean Martin, class of '11, is still with the Internal Revenue Department at Washington, D. C.

W. T. Kenety '11 is now with the Book Paper Manufacturer's Association at 122 East 42nd St., New York City.



Alumni Directory

- Aamot, A. Loren '30, U. S. Forest Service, Jackson, Mississippi.
- Ackernecht, William '33, Wildlife Refuge Division, Washington, D. C.
- Adams, Earl J. '36, Minnesota Forest Service, Big Falls, Minnesota.
- Adams, Harry '32, U. S. Forest Service, Whitecloud, Michigan.
- Ahern, John J. '35, U. S. Forest Service, Camp F-11, Nelsonville, Ohio.
- Aldworth, Donald '14, 456 Fourth Avenue, New York City, N. Y.
- Alexander, Frank '33, Wahl Pencil Company, Chicago, Illinois.
- Algren, Verne N. '35, Hutchinson, Minnesota.
- Allen, P. T. '14.
- Ambrosen, Donald '36, 315 East King Street, Winona, Minnesota.
- Amidon, George B. '36, Minnesota Forest Service, Ranger Station, Deer River, Minnesota.
- Andersen, Axel L. '37, Michigan State College of Agriculture, Dept. of Botany, East Lansing, Michigan.
- Anderson, A. A. '22, 3714 East St. Mariemont, Cincinnati, Ohio.
- Anderson, Carl H. '30.
- Anderson, Carl Roan '32, Indian Service, Ashland, Wisconsin.
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- Anderson, Edwin R. '37, 569 Rose Street, Duluth, Minnesota.
- Anderson, Frank H. '31, T. F. Gunflint Camp, Grand Marais, Minnesota.
- Anderson, Philip C. '38, 1865 White Bear Avenue, St. Paul, Minnesota.
- Anderson, P. O. '17, 1614 Jefferson Avenue, St. Paul, Minnesota.
- Anderson, Robert '30, 1104 Post Office Bldg., St. Paul, Minnesota.
- Anderson, Roger F. '38, 1166 Burr Avenue, St. Paul, Minnesota.
- Anderson, Victor C. '37, Box 143, Oakes, North Dakota.
- Anderson, Vincent M. '38, 8210 16th Avenue South, Minneapolis, Minnesota.
- Anderson, Waldemar '29, U. S. Forest Service, Hoodspott, Washington.
- Andrews, Shirlee '29, Wood Preserving Corp., Charleston, South Carolina.
- Anneberg, Robert B. '21.
- Arle, Herman '36, Norwood, Minnesota.
- Armstrong, J. J. '21.
- Arrivee, David A. '11 Ass't Supervisor, Indiana Purchase Units, Bedford, Indiana.
- Asp, Claude S. '35.
- Appel, Theodore C. '37, 415 6th Avenue, Duluth, Minnesota.
- Backus, Romayne '19, 1935 Cheremoya Avenue Hollywood, California.
- Baldwin, Donald '35, Project Forester, Soil Conservation Service, Bottineau, North Dakota.
- Banson, Robert '18.
- Barrett, Wilford '25, Carborundum Company, Niagara Falls, New York.
- Bartel, Harry '16, Boy Scouts of America, Duluth, Minnesota.
- Bateson, Allen R. '38, 2406 Hibbing Avenue, Hibbing, Minnesota.
- Baumhofer, L. G. '25, Bureau of Entomology and Plant Quarantine, U. S. D. A., Washington, D. C.
- Beard, F. W. '11.
- Bender, Edwin J. '36, Chaska, Minnesota.
- Bendsend, Dwight W. '37, 628 University Avenue, S. E., Minneapolis, Minnesota.
- Beardsley, Chas. '31, Tahoe National Forest, Forest Hills, California.
- Benson, Arnold O. '10, Forest Products Laboratory, Madison, Wisconsin.
- Benson, Eynar '30.
- Berggren, Harold '24, Weyerhaeuser Lumber Company, Jamestown, New York.
- Bergh, Thor '35, Soil Conservation Service, Houston, Minnesota.
- Bergstrom, Edward W. '38, 102 South 20th Avenue East, Duluth, Minnesota.
- Bergstrom, Everett C. '38, 545 North Snelling Avenue, St. Paul, Minnesota.
- Berry, J. B. '10 Waverly Citrus Growers Co-op., Waverly, Florida.
- Betzer, W. D. '34, U. S. Forest Service, Rhineland, Wisconsin.
- Beyer, Walt F. '12, c/o Home Investment Co., 59 Maiden Lane, New York City, N. Y.
- Berkey, John W. '38, 6000 Nicollet Avenue, Minneapolis, Minnesota.
- Biskey, George W. '37, Thief River Falls, Minn.
- Bjorgum, Eldor '31, Side Lake, Minnesota.
- Bjornstad, E. G. '26.
- Blage, Rev. Orland C., St. Andrews Episcopal Church, Lawton, Okla.
- Blandin, H. M. '25, Quincy, Illinois.
- Blatter, Paul M. '38, 835 East 2nd Street, Port Angeles, Washington.
- Blodgett, Harvey P., '12, Route 1, Erhard, Minnesota.
- Boettcher, Paul, '30, Sawtree Camp, Tofte, Minnesota.
- Boobar, Ross W. '38, Paynesville, Minn.
- Borlaug, Norman E. '37, Plant Pathology, University Farm, St. Paul, Minnesota.
- Bousquet, Vincent W. '37, Division of Forestry, University Farm, St. Paul, Minnesota.
- Bowan, Clarence W. '11.
- Braden, Kenneth '14.
- Brandborg, Morley F. '36, U. S. F. S., State Creek Ranger Station, Kremmling, Colorado.
- Brauer, Rudie '38, Rock Rapids, Iowa.

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- Brener, W. H. '30, Wisconsin Conservation Department, Wisconsin Rapids, Wisconsin.
- Brewster, D. R. '10, Hertey Foundation Laboratory.
- Broderick, Martin '16.
- Brown, Howard L. '35, Poppo, Minn.
- Browlie, James R. '11.
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- Callinan, Harry '33, S. C. S., Zumbrota, Minnesota.
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- Cuzner, Harold '05, Department of Forestry, Laguna Province, Philippine Islands.
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- Danielson, Kenneth '36, Intermountain Forest and Range Experiment Station, Ogden, Utah.
- Day, Maurice W. '31, Dunbar Forest Experiment Station, Sault St. Marie, Michigan.
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- Dion, Carl R. '38, Camp Blue Mound, S. P. 9, West Allis, Wisconsin.
- Dobie, John, '35, Pokegama Sanitarium, Pokegama, Minnesota.
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- Dolence, Frank, '31, U. S. F. S., Portage River Camp, Ely, Minnesota.
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- Ferber, Arthur E. '35, 201 1st Ave. N. W., Mandan, North Dakota.
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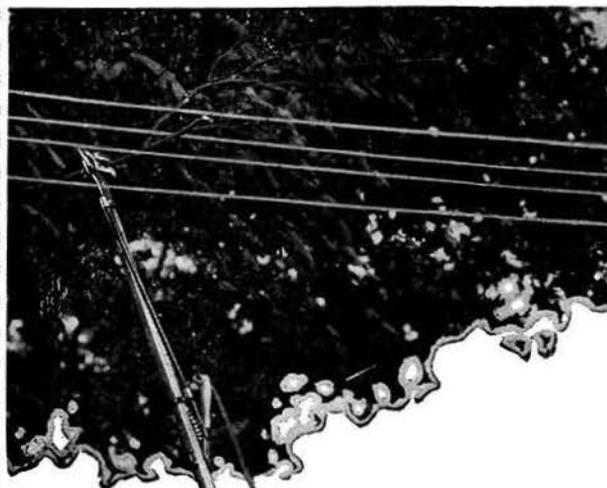
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