DEDICATION

To the Memory of

John L. Stark

a Junior Forester,

who died February, 2-1, 1952.
FOREWORD

We of the Annual Staff, Forestry Club, and the Forestry Department present the 1952 and third edition of the Michigan Tech For­ester. As this is the official publication of the Forestry Club, it gives a summary of the Club’s activities and the aims of the Forestry Depart­ment. We hope this edition meets with your approval.

THE STAFF

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THE DEPARTMENT OF FORESTRY
Michigan College of Mining and Technology
Houghton, Michigan

Location of the School
The Michigan College of Mining and Technology is located at Houghton in the heart of the timber-producing and wood-utilizing district of the Upper Peninsula of Michigan, and of the Lake States in general. Because of this ideal location for teaching forestry, it has been possible to combine the advantages of class instruction with practical field work during the whole of the school year.

Forestry students at the College have the opportunity of getting their training in an area which has the most extensive stands of virgin northern hardwoods left in the Lake States. There are many thousands of acres of pine, balsam, spruce, and cedar which have never been logged. But there is, in addition, another side to the opportunities for the student. Not only can he appreciate and familiarize himself with relatively unexplored wilderness, but he also is able to see practical forestry at work. Three large private timber-owning companies in the vicinity have committed part of all of their lands to selective logging. Similarly, the nearby Ottawa National Forest is a vast study area of forest management of abandoned cut-over lands and in second-growth timber. Frequent field trips are taken to selected locations to study this practical forestry at first hand.

Training Given Students
The summer following the freshman year is devoted to a complete course in field surveying. During the summer following the sophomore year, a summer camp is held at the College’s “Camp Pori” in the Ottawa National Forest. Here nine weeks of intensive instructions are given in those phases of forestry which cannot be treated adequately in field work during the regular school year. Heavy accent is placed on timber cruising, forest type mapping, timber marking, log scaling, and allied work. Experience gained in summer camp is an invaluable asset to the student when he takes a job.

It is recommended that the third summer be spent by the student in obtaining actual on-the-job experience with some federal or state agency or some private concern. A number of summer jobs with the U. S. Forest Service or the National Park Service are available through the Forestry Department.

Although heavy accent is placed on giving the Tech forester all the advantages of practical “know-how”, the curriculum is adjusted to provide, in addition, a broad, well-rounded background in the field of forestry. The student is required to take courses in soils, silviculture, forest pathology, wildlife management, logging, range management, forest law, and many others,
to enable him to comprehend the complex and finely interwoven problems which face the forester. He is taught to appreciate and to understand the problems of the game managers, the soil conservation men, and other forest users so that he can truly make the forest provide the greatest good for the most people.

The Job Outlook

The outlook for jobs in forestry is good. Whereas a decade ago the majority of forestry openings were with agencies of the state or national governments, today most of our graduates find employment in private industry. The forester is coming to be recognized as an indispensable part of every successful forest enterprise. Resources of virgin timber are rapidly being exhausted, and second-growth timber has become increasingly more important as a source of supply. The technically trained forester is the key to maintaining that timber supply.

Recreational Opportunities at the College

Hard work is not the only thing to which a Tech forester can look forward. Located as he is, in the deep north woods, the out-of-doors man has an unparalleled opportunity to avail himself of good hunting and good fishing. "Big Game" is abundant. Deer are very numerous. Black bear are fairly common, and an occasional moose is reported in the upper portion of the Keweenaw Peninsula. The last stronghold of the timber wolf in Eastern United States is in the virgin timber of the Misery Bay district, less than 30 miles from Houghton. Small game—snowshoe hare, ruffed grouse, sharptail grouse, etc.—is plentiful. Some of the best trout streams in Michigan are within easy driving distance of the college. Excellent wall-eye, bass, and pike fishing can be had on Portage Lake.

The headquarters of Isle Royale National Park is located in Houghton. The park itself is a virgin wilderness where moose is the commonest big game and the fishing must be experienced to be believed. It is most easily reached by boat from Houghton. Every summer a number of Tech forestry students are employed on the island.

Forestry students at the College have organized themselves into a very active Forestry Club. Each fall the club sponsors a “Buck Shoot” contest and a “Bear Shoot”. Each spring it puts on a “Trout Derby”. The club has been very active in campus affairs and in prize competition during the school’s winter carnival. The Forestry Club’s “Lumberjack Ball” is one of the most unusual and most successful social functions of the school year. In addition to monthly meetings, the club holds annually for it’s members a “venison feed”, a “rabbit booyaw”, and a “smelt feed”, each in its appropriate season.

General Information.

Men interested in enrolling in Forestry at the Michigan College of Mining and Technology should contact Professor U. J. Noblet, head, Forestry Department, or Mr. L. F. Duggan, registrar. Complete details will be furnished on request.
Report From Your Forestry Department

U. J. Noblet

It is with pleasure that I send this message and greeting to our alumni and students on the third occasion of the printing of the Michigan Tech Forester. 1950 saw the first attempt at such an elaborate report. Its success and enthusiastic reception has assured its continuance as a permanent report to the alumni and student.

This issue of the Forestry Club Annual is dedicated to John L. Stark whose sudden death on February 24, 1952, greatly saddened us all. Students, staff and alumni who knew John remember his willingness to always lend a helping hand to others as well as his ever infectious grin. Prof. Johnson and four of John's fellow classmates, Guenther Frankenstein, Gordon Trombley, John Spoerke and James Freeman journeyed to Milwaukee to pay their last respects to an especially well-liked student and friend.

Including this year's graduating class, Tech graduate foresters now number 163. As all schools had to face the same problem because of the war effort, the enrollment and graduates hit the all time low until 1946 when things began to look up again. We can give credit to the G.I. for starting this new enrollment era. Yes! In the last four years we have graduated well over 100 foresters. Of the 119 foresters now enrolled 26 are seniors, all in the Management Production major. We continue to get a good number of transfer students from other schools to spend the last two years of forestry here. Close to 90% of all the graduates are engaged in some kind of forestry work from Mexico into Canada. The job emphasis, of course, is heavy in the Lake States and is about equally divided between government and private employment. The last four to five years has seen a very satisfactory industry response for technically trained foresters in that field. We are fortunate to have such a large number of industry plants in our areas of Michigan and Wisconsin.

Our staff received several injections of new blood during the past year when H. M. Steinhilb (Class of '40) and Dr. R. T. Brown joined us. Prof. Steinhilb, better known as "Hammer" to all his friends, joined us after having worked six years in private industry with the Copper Range Mining Company and five years with the Practical Woods School. Last year "Hammer" left us for a year of graduate study at Michigan State College where he specialized in photogrammetry. Dr. Brown (Wisconsin '51 joined us this past fall and has taken over the teaching of Botany, Dendrology and Plant Ecology.

We are now in the throes of re-evaluating our forestry curriculum. We are endeavoring to reduce the number of required courses and offer a greater number of electives. Within the past
year the Curriculum Committee of the College has okayed the
deletion of M21 and Z40 and the inauguration of two new courses
in Photogrammetry and Forest Management. To carry this trend
a step further the two courses Ornithology and Plant Ecology
are no longer required subjects but have been also classified as
electives. We are also trying to enlarge the field activities of
the department to make doubly sure that our graduates will
have a well-rounded background in the "practical" side of
forestry.

Camp Pori is still the base for our summer camp activities.
Plans have been initiated, however, for a larger and better camp
to be located somewhere in the Huron Mountains. We are hoping
to have something very definite to report to you on the new
location in the very near future. An integral part of our summer
camp work for the past two years has been the week-long school
on care and handling of equipment and safety in the woods under
the able guidance of Mr. Jefferson and sponsored by the American
Pulpwood Association. The boys enjoy this training period and
it is our sincere hope that it will be continued.

Within the last year the school has acquired over 500 acres
of forest lands previously owned by the Isle Roayle Mining
Company. You will all recall its location when I say it is the
area back of Hubbell field where most of us went for Christmas
trees and other needed evergreens. It will be the site of our
new nursery and needed experimental plantations now in the
planning stage. Our land acreage (school forests) is steadily
growing with plans for further additions in the near future.

It will be of interest to you to know that we are planning,
for the spring term, a retail lumber grading school of short
duration for the out-going seniors. This will be an outstanding
contribution to the forestry background of our men and one
which we hope to continue in the future. We will have more to
say on this at a later date.

We welcome any suggestions you people may want to make
regarding changes for the good of the cause. I don't know of a
better time to get together for that All-American session than
at the time of the College reunion scheduled for August 7, 8 and
9. Yes! It will be our first forestry reunion and one that just
can't be passed up. The forestry department is now making its
plans well ahead of time for your entertainment and reception.
Old classmates will meet, stories and experiences will be hashed
over and we (the members of the staff) will join you in making
it your reunion. Information from the department will go out
from time to time but keep August 7, 8 and 9 open as a must
on your calendar. Reunion Time at Michigan Tech!

With greetings to all from everybody on the staff and looking
forward to seeing you in the not too distant future,

As ever,
Bert Noblet
Prof. U. J. Noblet
Department Head

J. A. HUBBELL BUILDING
Headquarters—Forestry Department
FORESTRY FACULTY

E. A. Bourdo
B.S., M.A.

R. T. Brown
B.S., M.S., Ph.D.

G. A. Hesterberg
B.S., M.S.
(On leave of absence)

V. W. Johnson
B.S., M.F.

H. Steinhilb
B.S., M.S.

E. E. Sturgeon
B.S., M.F.
Sault Branch

Not Pictured
V. J. Thomsen, B.A.
Sault Branch
Forest Products Research Division

by

LELAND W. HOOKER
Timber Technologist

The work of the Forest Products Research Division under the direction of Hereford Garland in this, its fifth year of operation, is divided between projects inspired by current needs of industry and longer-term projects aimed at providing industry with the answers to problems which it can see developing for the future.

The utilization of low-grade lumber continues to occupy much of the time of Field Technologists Arlie W. Tcole and Carl W. Danielson, Jr., '40. Two major approaches to the problem are being investigated. One, typified by work on the technical details of block-type flooring, contemplates the use of short, clear cuttings from low-grade lumber, and the other, exemplified by attractive birch paneling in one of the Division offices, takes advantage of the natural beauty of knots, burls, stain, etc., which are the chief characteristics of low-grade lumber.

Chemical Engineer Walter H. Koepp, working in cooperation with the Forest Products Laboratory at Madison, Wisconsin, and with a large rayon manufacturer, has achieved singular success in the production of acetate rayon from aspen dissolving pulp. The rayon which has been produced has been tested and found to be equal to standard rayon. Other projects for which Mr. Koepp is responsible include the promotion of industry in bleached Kraft pulps from hardwoods, the utilization of rough hemlock slabs for the production of pulp chips and tannin, and the use of sawdust as soil amendment material and fuel briquette material.

In the field of logging research the author has two major projects under way. The first is the development of a portable de-barking machine. Work on this project by Donald J. Yeadon (M.E.) '49 has been going on steadily for two years, and at present a full-scale model is being constructed and tested. It is hoped that work on a production model can be started within about a year's time.

The second major project concerns timber harvesting methods. There are vast acreages of young second growth hardwoods in need of thinning. Such a cultural practice is not feasible at present because of the high cost of logging such small-sized material. In cooperation with the Cliffs-Dow Chemical Company, this Division is trying to work out an economical method of harvesting hardwood thinnings. The timber on one forty has been thinned and the felled trees will be skidded in tree-lengths to a landing where they will be bucked with a power saw, bundled with a special bunching chain, and loaded onto trucks with a self-contained truck boom. The skidding will be done with a small crawler tractor equipped with a winch and logging sulky. The work on this first forty is expected to show up the steps in which further cost reduction can be achieved in a subsequent operation.
FOREST PRODUCTS RESEARCH

C. W. Danielson, Jr.
B.S.

Hereford Garland
B.S., M.S., Ph.D.
Director

L. W. Hooker
B.S., M.S.

W. H. Koepp
B.S.

A. W. Toole
B.S.

D. J. Yeadon
B.S.
SENIOR CLASS
FORESTRY CLUB
1952
R. L. Cross  
Chief Forester

R. L. Goodrich  
Secretary-Treasurer

G. C. Trombley  
Assistant Forester

R. C. Corlson  
Calumet, Mich.

R. C. Ahlberg  
Chicago, Ill.

J. J. Archer  
Sanford, Mich.

W. J. Baer  
Milwaukee, Wis.

R. E. Birtz  

R. A. Borak  
Newberry, Mich.

R. D. Borsum  
Dollar Bay, Mich.

F. D. Butkovich  
Phoenix, Mich.
Back Row: Holm, Karsten, Zollner, Fisher, Manthey, Barbieri, Little, Bidstrup, Shaner.

2nd Row: Montambo, Kressbach, Freeman, Teeguarden, Tubbs, Guernsey, Smith, Williams, Leach, Mattson.

1st Row: Borak, Mattson, Jorgensen, Cross, Smith, Herron, Krumbach.
Back Row: Bartcszek, Shepherd, Hutchison, Gottwald, Mikich, Werhane, Edens, Karling, Rork.


1st Row: Trombley, Baer, Birtz, Goodrich, Spoerke, Olson, Fossa, Parssenen.
The Soo Branch Forestry Club has been lauded as one of the most active organizations on the Sault Tech Campus this year. 7 sophomores and 9 freshmen make up the active membership of the club. John Dunn is the presiding officer, Bill McCurdy is vice-president, and the post of secretary-treasurer is filled by Wayne Leitner. Don Ireland is student council representative and Professor Edward Sturgeon is club advisor.

In cooperation with the Michigan Department of Conservation, the forestry club is again sponsoring a series of films to which the public as well as students have been invited. This project has turned out to be a good public relations gesture, as many people choose to attend the showings regularly. The movies are announced in the local newspaper, on the weekly Tech. radio program “Sault Tech Speaks”, and on college bulletins and publications.

On January 24th a banquet was held in the private dining room of Brady Hall at which time Professor Russell, branch director, commended the club for its activeness and also mentioned the fine reputation of the mother club at Houghton. The guest speaker of the evening was Lloyd G. Schemenaur, game biologist with the Department of Conservation. Mr. Schemenaur discussed the deer problems in Michigan and illustrated the situation with maps and slides. An informal question and answer session was held before adjournment.

Elaborate plans are being made to catch the first smelt run of the season in order to stage a gala fish fry with appropriate festivities and dancing to follow. Arrangements are being made to hold the affair out of doors at the north end of the campus.
where a cement floor is conveniently situated overlooking the beautiful St. Mary's river. The public will be invited to join in the merry-making!

A snowshoe hike in Chippewa County wilds was among the winter activities of the Sault Foresters. Another one of the many club activities was the sponsoring of Co-ed Chestine Burton as a candidate for queen of the Military Ball.

Whenever the Sault Tech. foresters get together, impromptu fun out of doors or indoors is the keynote.

Rack Row, L to R, Mr. Thomson, MacDougall, Bur, Rellis, Ellis, Holmes, Mr. Sturgeon.

2nd Row, Eagle, Kneisler, Fegan, Niver, MacGregor

1st Row, Leitner, McCurdy, Dunn, Ireland, Dalgleish
THE GREEN EYED DIPTERS

“at Pori”

by “Baldy” Borak

The camp awoke with a start. At first everyone thought “Digger” Jorgenson was chewing celery in bed, but someone spotted “Clubfoot” Zollner, grinning like a cat, by the stove. He’d finally shaken the grates out of the stove. Although he didn’t say a word everyone could read his thoughts “keep me up till 8:30 at night will you! Ha! Ha!” The familiar strains of Napoleon’s Last Charge suddenly floated through the ashes and daggers that filled the air. Larson, sound asleep, was pounding away on the piano as if he owned it. (Everyone later agreed that the “Charge” never sounded better). A dishpan, with a pair of legs and a Biltmore stick under it, came charging up the aisle shouting, “show me that miner from Negaunee”. Robbie was dreaming about Helvie again. He hit the piano with a crash and ended up setting in his pan. A more natural sight I’ve never seen. The crash confused Larson a little, so he started playing “I’m a Little Bit Confused”—everone moaned and went back to sleep.

This characterizes the spirit which prevailed during our eight weeks stay at Pori. There were a lot of moaning, laughing, cussing, and drinking (sparingly) times; averaged together they spelled one fine time for me with a swell bunch of fellows.
LUMBERJACK BALL

by

Floyd R. Johnson

Our annual stamp, "The Lumberjack Ball," was held in Dee Stadium on November 10. An overflow crowd was present to dance to the music of the Tech Starliners.

A lumberjack setting was depicted with broadaxe, peavey, canthook, and other woods tools that were skillfully placed in logs near the stage. Animal and bird mounts were also used as decorations.

One of our foresters, Jerry Archer, ably demonstrated his singing ability by vocalizing on several popular songs. His singing helped make our Ball one of our more successful events of the year.

REMEMBER THE FORESTRY REUNION IN 1952
During the fall of 1951, as in the past years, the Tech Forestry Club sponsored their annual "Buck Shoot". The "Shoot" has been growing in popularity and all nimrods look forward to this event. All hunters hope to bring in a buck and when they do, their animal, large or small, may win a prize.

The contest was conducted in the same manner as it was in previous years. In addition to buying a hunting license and deer tag, a hunter has to purchase a Buck Shoot ticket. This ticket entitles the hunter to weigh his deer in competition for a prize and also gives him a chance on a 30-30 Winchester rifle which is raffled off during the first week of the deer season.

During the Buck Shoot the prizes offered were as follows: a ten-dollar cash award for the heaviest buck entered, a five-dollar cash value for the smallest buck and an additional five-dollar award for the heaviest bear registered in the contest.

The top hunter for this contest was Arthur Mukala, of Pelkie, who registered a 211 pound buck. Jim Freeman, a Junior Forester, brought in the smallest buck. His deer tipped the scale at 107 pounds. No bear was taken so Mr. Bruin is safe for at least one more year. Oscar Lund of Houghton was the lucky fellow who held the winning number for the 30-30 rifle.
VENISON!

The annual venison feed was held at the Chassell V.F.W. Hall on Snake River Hill the 7th of December.

The site for this rigorous session proved popular with the fellows and undoubtedly with the town folks as well. As you all know Tech. Foresters are a scholarly group and do not appreciate intrusions into their meditations by a less sophisticated public—this being the reason for retiring to the country for the occasion.

The fare consisted of an excellent stew concocted by Harry of the Denton House and "burgers" prepared on the site. Chief Cross, Frankenstein, F. Johnson, and Trombley shared honors as "chief cock and dynamiter" with a goodly amount of advice from all present.

Krautter will be pleased to hear that we successfully kept Spöerke and the salt shaker well separated.

The crowd was well entertained by Prof. Hammer. His talk on various subjects held the interest of all. Did you ever hear why they call him "Hammer"? Oops! That's a long story.

Probably the most outstanding result of all was our being invited to use the hall again.
Intramural and Varsity Sports Activities of the Forestry Club

by Tom Farbo

The past intramural and varsity athletic programs were well represented by members of the Forestry Club. In addition to their heavy scholastic loads, many Foresters have found time to represent the Forestry Club and Tech in sports competition. It is to these men we extend our appreciation and respect for their unselfish work.

In intramural sports, the Forestry Club provided keen competition for the opponents and each contest was a hard fought battle. In basketball, led by Goodrich, Karsten, and Birtz, the foresters ended the season in the unlucky thirteenth slot. The hockey team finished eighth and in bowling the Foresters finished a strong third. Teams have been entered in softball, golf, and volleyball for the Spring competition.

In the major varsity sports the Foresters were well represented. Members of the football team who were awarded their "M" included Bruce Shaner, Dick Ahlberg, and Hal Williams. In basketball, we find two excellent hoopsters in Chuck Hein and Kemp Fisher, who gave a very worthy account of themselves on the hardwood courts. The Tech Pucksters found two hard checking members in Doug Koski and Dink Pemberthy.

The past sports activities have always found Michigan Tech Foresters actively taking part in the games or in the stands. We hope this spirit and cooperation will continue to be upheld by the future Tech Foresters.
# The Box Scores For The Season

## Basketball

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## Bowling

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NOTE TO ALUMNI

This year we, the Staff, sent letters to all the alumni for whom we had addresses. Only those who replied were placed in this year's annual. The success of this section of the annual depends entirely upon the amount of cooperation that is received from the alumni.

A number of inquiries, pertaining to the plans of the Forestry Department about the reunion, have been received. Mr. Noblet assures us that there will be some activities, although nothing definite has been planned.

FORESTRY REUNION IN 1952
ALUMNI NEWS

CLASS OF 1940
Anderson, Kenneth J., 2513 Treton Dr., Trenton, Michigan. Ken is a Forest Supervisor for the Wayne County Rd. Comm.
Borsum, William C., Terrace Bay, Ontario, Canada. Bill is a Service Operations Supt. for the Long Lac Pulp & Paper Co. He is married and has two children.
Danielson, Carl W., 104 Upland Rd., Houghton, Michigan. Carl is Ass’t Field Technologist for the Forest Products Research Division here at Tech. He is married and has two children.
Johnson, Godfrey B., 170 W. Jackson Blvd., Chicago 4, Ill. Godfrey is a Safety Representative for U. S. Fidelity and Guaranty Co. At present he is secretary of the MCM Club of Chicago.

CLASS OF 1941
Rollman, Charle M., 1132 13th Ave., Green Bay, Wisconsin. Charles is Ass’t Engineer for an Engineering Company. He is married and has three children.

CLASS OF 1943
Boelter, Allen H., 6300 Fort Rd., Fosters, Michigan. Al is a District Forester for the Mich. Dept. of Cons. He is married but no children (just two dogs).
Bourdo, Eric A., 204 Vivian St., Houghton, Michigan. Eric is teaching in the Forestry Dept. here at Tech. He is married and has one boy.
Rogers, Fred J., 971 Wis. River Ave., Port Edwards, Wis. Fred is a Forester for the Nekoosa Edwards Paper Co. He is married and has four children.

CLASS OF 1947
DeVriend, Adrian J., 528 Polk Court, Sheboygan, Wisconsin. Adrian is a District Forester of the Wis. Cons. Dept. He is married and has three children.
Laverdiere, Reuben J., 208 Bailey St., East Lansing, Mich. Reuben expects to graduate from Mich. State this June with a MS Degree in Forestry.

REMEMBER THE FORESTRY REUNION IN 1952
The first machine of its type to prove successful in removing bark from pulpwood right at the logging site, the new patented MURCO-Adams-Clark Portable Barker is the result of 4½ years of engineering development, field study and trials, in barking Poplar, Spruce, Balsam, Hemlock, Cedar, Tamarack and various hardwoods, ranging from 3" to 15" in diameters. All barkers are furnished either truck, tractor or skid mounted.

Its outstanding features warrant your investigation now.

Write For Complete Details.
Metsa, Arne A., Dept. of Cons., Gwinn, Michigan. Arne is working on the Escanaba River State Forest.

Nancarrow, William J., McKinley, Alaska. Bill is a Park Naturalist for the U. S. Park Service in Alaska. He is married.

CLASS OF 1948

Anderson, Einar F., 1323 Delaware St., Oshkosh, Wisconsin. Einar is doing sales work for the Monsanto Chem. Co. He is married and has one boy.


Faber, Edward J., 1020 N. Prospect, Neillsville, Wisconsin. Ed is a District Forester for the Wis. Cons. Dept. He is married and has two children.

Jennings, Clair G., Route 3, Box 74, Dassell, Minnesota. George was ordained into ministry on June 1, 1951 at Suomi College. He is now pastor for the Lutheran Churches at Kingston and French Lake, Minnesota. He is married.

Makela, Howard J., 123 No. 3rd West, Vernal, Utah. Howard is an Ass't District Ranger for the U. S. Forest Service.

Partanen, Paul A., 29 Railroad St., Lowville, N. Y. Paul is an Ass't Manager for the Lowville Veneer Works. He is married.

Todd, William A., 716 Cedar St., Marquette, Michigan. Bill is a Forester for the Longyear Estate, Inc.; and Keweenaw Land Association. He is married and has two children.

CLASS OF 1949

Bourdow, Miles W., Box 208, Solon Springs, Wis. Miles is an Ass't District Forester for the Wis. Cons. Dept. He is married and has two children.

Keener, John M., Wis. Cons. Dept., Rhinelander, Wis. John's position is Game Manager II. He is married and has two children.

Knapp, Clyde A., 600 Nevada St., Susanville, Cal. Clyde is Ass't Logging Engineer for the Fruit Growers Supply Co. He is married but has no children.

Pepper, A. A., 255 Paddock Ave., Park Falls, Wis. Almon is a District Forester for the Wis. Cons. Dept. He is married and has two boys.

Sandhusen, Walter H., 944 18th Ave., Longview, Washington. Walt works for the Weyerhaeuser Timber Co. He is married and has one child, Denise Lynn, born last July in Milwaukee.

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Aho, Charles P., 428 4th St., Waukegan, Ill. Charles is an Engineer for the Public Service Co. of Northern Illinois. He is married and has one child.

Anderson, James T., 641 W. Cleveland, Freeport, Ill. Jim worked for the Hines Lumber Co. in Chicago before he was called back in the Navy last April. He is married.

Cary, William E., 4701 S. Franklin, Englewood, Colo. Bill is married and works for the Mine & Shelter Supply Co. in Denver.

Cundy, Clyde Y., A.T.C., 554 Hutchins Rd., Naval Air Station, Memphis, Tenn. Clyde is married and has a boy, Thomas Jabe.

Dewey, Lawrence A., % Resident Engineer, Ladd Air Force Base, Fairbanks, Alaska. Lawrence is a survey Party Chief for the U. S. Corps of Engineers.

Ellsworth, Patrick, Box 152A, Munising, Mich. Pat is a Professional Trainee for the Munising Wood Products Co. He is married and has two children.

Halteug, Karl D., 214 W. Truman Ave., Newberry, Michigan. Karl is a Conservation Officer for the Mich. Dept. of Cons. He is married but has no children.

Hanninen, Arne A., 2491 Ford Ave., Detroit, Mich. Arne is a Wholesale Lumber Salesman for the Mohawk Lumber Co. He is married and has one child.

Harju, Robert E., Tahquamenon Falls State Park, Eckerman, Michigan. Bob has been working at this park since last May.

Hornick, John R., 320 W. Ridge, Marquette, Mich. John is working for the Cliffs Dow Chemical Co. He is married and has one child.

Kotila, Peter E., 1015 Minnesota St., Hancock, Michigan. Pete is a Timber Cruiser for National Container Corporation.


Martindale, Donald L., U. S. Forest Service, Murphy, N. C. Don is a Forester for the Forest Service.
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CHICAGO 19, ILLINOIS
Nielsen, Charles P., Nat'l. Cont. Timber Corp., Newberry, Michigan. Chuck is a foreman in charge of cutting operations. He is married and has two children.

Noblet, John C., Houghton, Michigan. Jocko is the Forester for the C & H Copper Co.


Peterson, Roger E., 317 So. 7th Street, Escanaba, Mich. Roger plans to start work for the Allied Veneer & Lumber Co. at Los Angeles. He is married but has no children.

Seiler, E. G., Dollar Bay, Michigan. Gordon is in the Army at Baltimore.

Spoerl, Gerald A., 1011 E. Two Mile Ave., Wisconsin Rapids, Wisconsin. He is the Ass't. Forester for the U. P. Power Co. Lands Dept. He is married and has one child.

Wood, Leonard F., Box 239, Wheatfield, Ind. Frank is a Nursery Forester for the Ind. Dept. of Cons. He is married but has no children.

CLASS OF 1951


Arndt, Arthur M., Consolidated Water Power & Paper Co. Camp 20, Hovland, Minn.

Buordow, Robert T., Forest Protection Hq., Tomahawk, Wis. Bob is a Forester for the Wis. Cons. Dept.

Brushe, Harold C., 520 No. 18th St., Escanaba, Michigan. Harold is working for the Sawyer-Stoll Timber Co. He is married, has one child, and expects another this June.

Calabro, Joseph C., 320 Waldo St., Marquette, Mich. Joe is completing his training with the Munising Wood Products Co.


Johnson, James A., 232 Norrie St., Ironwood, Mich. Jim is with the Reddis Lumber & Veneer Co. He is married.
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U. S. DEPOSITORY
Raisanen, Robert R., 1047 Ahmeek St., Mohawk, Michigan. Bob is a private in the U. S. Engineers.

Reid, Leslie M., 237 Spruce St., Wyandotte, Mich. Leslie was working in the Engineering Dept. of the City of Wyandotte until last February when he was called into the Army.

Richards, Frank E., 612 Lake Ave., Hancock, Mich. Frank is a Field Scout Executive for the Boy Scouts of America. He plans to be married next Fall.

Van Loozennoord, Wayne, 522 W. College Ave., State College, Pennsylvania. Wayne is a 2nd Lt. in the USAF and is at a Meteorology School. He expects to be transferred to the Pacific NW upon graduation next September.

Wall, Chester O., 630 Central Ave., Deerfield, Ill. Chet is an Inspector for the A. W. William Inspection Co. of Mobile, Alabama. He is married and has one daughter.


Wenzel, Duaine K., 113 Riverside, Alma, Mich. Duaine is working on his Master Degree in Wildlife Management at the U. of Michigan.
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