THE
MICHIGAN TECH FORESTER
1955

Published annually by
the
FORESTRY CLUB
MICHIGAN COLLEGE OF MINING AND TECHNOLOGY
at
Houghton, Michigan

Volume VI

May, 1955
FRONTISPIECE

Early in the spring of 1954, heavy rains and melting snow caused restraining booms on the Pine and Cloud Rivers on the Canadian shore of Lake Superior to give way, sending thousands of cords of pulpwood into the lake. The Stiffe Contracting Company of Port Arthur, handling the operation, estimated losses at $50,000; but by mid-summer most of the wood had been washed ashore on the Keweenaw Peninsula, over fifty miles distant. Here a three week salvage operation by the Canadian company recovered over half of the financial loss.

A portion of the pulpwood is shown here being stored in the Portage channel awaiting shipment by boat to the pulp mills of Canada after a rather long journey.

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FOREWORD

This is the 1955 edition of the MICHIGAN TECH FORESTER—our sixth issue. We hope that it is bigger and better than the last edition and we hope that next year’s book will likewise show improvement over this one: for as our school grows in size and prominence, so must our annual grow.

This year we sent out questionnaires to all the school alumni and received over a hundred returns. Still, many alumni did not answer; and we hope, if this book should reach them, that they will write and bring our alumni files up to date. Our present file is shown in the alumni section of this edition.

There is much time and thought involved in producing an annual and our sincere thanks go to Gene Hesterberg for both the time and the ideas he contributed as our faculty advisor. Also, our appreciation is extended to all those who pitched in on the “bull work” whenever help was needed.

So here is your 1955 MICHIGAN TECH FORESTER... we hope you’ll like it!

The Staff

THE STAFF

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DEDICATION

During Dr. Dillman's tenure as President of Michigan Tech, the college has seen its greatest expansion both in enrollment and in campus construction. Shortly after he became president in 1935, the college instituted its course in Forestry. Through his untiring efforts, the college has increased its scope in many other fields of science, engineering, and research. He was the chief instrument in obtaining as a gift from the Ford Motor Company Fund the Alberta properties now known as the "Ford Forestry Center". In recognition of his significant accomplishments, we respectfully dedicate to Dr. Dillman the sixth annual edition of the Michigan Tech Forester.
CLASS OF

Arasim, Leonard

Arducant, Stanley

Bertie, William

Bur, Donald

Daniels, John

Dunn, John
1955

Leitner, Lorin  Montambo, Keith  Noblet, Peter

Not pictured
Corcoran, Thomas
Rucinski, Louis

Schwarting, William  Tubbs, Dale
LOCATION OF THE SCHOOL

The Michigan College of Mining and Technology is located at Houghton in the heart of the major timber-producing 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 entire 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 unexploited wild land, but he also is able to see practical forestry at work. Three large private timber-owning companies in the vicinity have committed part or all of their lands to selective logging. Similarly, the nearby Ottawa National Forest is a vast study area of forest management on 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.
EDUCATION AND TRAINING FACILITIES

The summer following the freshman year is devoted to a complete course in field surveying. During the next summer, sophomore foresters attend the regular forestry summer camp at the Ford Forestry Center of the College. Here, at Alberta, ten weeks of intensive instructions are given in the several phases of forestry which cannot be treated adequately in the field laboratories during the regular school year. The summer camp is located in the heart of a 1,700-acre tract of northern hardwoods which have been under forest management for 15 years. Accent is placed on timber cruising, forest type mapping, timber marking for partial cutting, log scaling and grading, forest land subdivision, and allied work. The practical experiences gained at the Ford Forestry Center summer camp are an invaluable asset to the student when he takes a job in the profession of forestry.

Located within one-half mile of the main campus are 524 acres of forest land acquired by the College from the Isle Royale Mining Company. Much of the tract is oak-sugar maple forest, but part of the land is in pine plantations. Additional plantings are made in this area each spring by the entire forestry student body. A small piece of this land is reserved for the College Arboretum.

Near Baraga, Michigan, the College owns 150 acres of aspen-balsam fir pulpwood forest. This tract provides ample opportunity for field work and training in the silviculture and management problems associated with this important forest type. In another area is the Clarence B. Randall Research Forest which comprises 241 acres of land and half-million board feet of old-growth northern hardwood timber. This latter unit serves a dual purpose. It is set aside as a “museum forest” of this valuable timber type; it also serves as a training ground for student instruction in cruising “virgin” timberlands of inaccessible areas.

Besides the College-owned forest lands so essential in the training and development of competent professional foresters, the Forestry Department maintains a lodge on the Otter River, about 25 miles from the campus. This large modern log camp and 20 acres of forest land, embracing one part of the area’s best trout waters, was a contribution of the Michigan Department of Conservation. The Otter River Camp serves as the center for student outings throughout the four seasons. Use of lodge by foresters is encouraged, it is believed such camp-life experiences yield excellent lessons in social development of the students and in their maturing to more responsible citizenship.

Emphasis throughout the training program is on work afield. Although accent is placed on giving Tech foresters all the advantages of practical “know-how”, the curriculum is adjusted to provide a broad, well-rounded background in the field of forestry. The student is required to take such courses as those in soils, silviculture, forest pathology, logging, aerial photogrammetry, wildlife management, forest law, and forest management. The course of study enables the
student to comprehend the complex and finely interwoven problems which face the forester. He is taught to appreciate and to understand problems of the game manager, the soil conservation man, and the production forester. The objective is to train the young forester so that he can truly make the forest provide the greatest good for the greatest number of people.

Students interested in Wildlife Management may arrange their program to provide basic educational needs in this phase of conservation work. Botany, Plant Ecology, Soils, Zoology, and Ornithology can be included in the schedule of electives. In addition, research on a wildlife management problem of local importance may provide excellent training for upper classmen. The College does not, however, offer the Bachelor of Science degree in Wildlife Management.

RECREATIONAL OPPORTUNITIES AT THE COLLEGE

Hard work is not the only outlook for the Tech forester. Since the main campus is located deep in Michigan’s north country, the cut-of-doors man has an unparalleled opportunity to enjoy good hunting and good fishing. White tail deer are plentiful; black bear are fairly common. The vast timberlands of Upper Michigan support the last remaining colonies of the timber wolf in the Eastern United States. Small game is plentiful—snowshoe hare, ruffed grouse, sharp-tail grouse, spruce hen. The College is within seven miles of the Sturgeon River Marsh, one of the largest waterfowl marshes in the western part of the Upper Peninsula. The most productive trout streams are within a short driving distance of the campus. Adjacent streams yield brook, brown and rainbow trout; big rainbows ascending streams on their spring spawning “run” provide unusual sport fishing. Portage Lake, at the edge of the campus, yields excellent pike, walleye, and perch fishing.

The Michigan Tech Forestry Club is the “ignition system” which sparks organized recreational activities of forestry students. All foresters are encouraged to join the Club, which asks a nominal membership fee. Each fall the Club sponsors a “buck shoot” and “bear shoot” contest; each spring the Annual Trout Fishing Derby is held. The Club is active in most campus affairs: Intramural Sports, Winter Carnival, Homecoming Parade, and Engineering Show. Each fall the foresters sponsor their “Lumberjack Ball”, a most unique social function. Shortly after the deer season the Forestry Club treats the membership to a free venison dinner at the Memorial Union. In season, the “rabbit booyaw” and the “smelt feed” are prepared as a function of Tech Foresters. Each May, the Forestry Club arranges a “Farewell” banquet in honor of the graduating senior foresters. Throughout the year, all club members are encouraged to use the facilities of the Michigan Tech Forestry Lodge on the Otter River.

GENE A. HESTERBERG
Forestry Department
FACULTY

Associate Professor, VERNON N. JOHNSON

Assistant Professor, ERIC A. BOURDO
Assistant Professor GENE A. HESTERBERG

Assistant Professor HELMUTH STEINHILB

Assistant Professor ROBERT T. BROWN
The ownership of forest land at the Ford Forestry Center and the community as a base of operations make it an ideal field laboratory for the logging research project that has been in progress at the college for a number of years. Besides the economic testing of various intensities of timber harvesting, this Center affords an excellent opportunity to try out new methods and equipment for logging.

It is expected that manufacturers of logging equipment will propose cooperative research projects involving the testing of newly developed machines under actual timber conditions typical of this region. Logging operators of Michigan may propose experimental projects to test new methods or equipment.

An important phase of logging research that may be undertaken is the harvesting of presently unmerchantable wood. Great quantities of low quality forest wood has its merchantability limited by the cost of removing it with conventional logging equipment from the forest to a suitable plant.

The sawmill of the Ford Forestry Center may be regarded as an excellent tool for the study of log and tree values in connection with economic research on forest management. The lumber grade values of the boards sawed may be related back to the logs and sample trees.

Of increasing importance is the need for studies on sawing methods for smaller and lower grades of logs that have normally been bypassed as sub-marginal in conventional operations.

Although original research in sawmill engineering is not contemplated at this time, it is hoped that this mill can be made to represent the most advanced in equipment design as a demonstration for the lumber industry of the region. The profitable disposal of sawmill "waste" will, of course, be a major goal.
THE FORD FORESTRY CENTER

A gift of the Ford Motor Company Fund, the town of Alberta, Michigan has among its facilities: 12 residences, 12 garages, a fully equipped sawmill, 2 schoolhouses, an office building, a utility building, and a 2 acre man-made lake. Alberta is situated in a picturesque forest area on U. S. highway 41, ten miles south of L’Anse and 40 miles from Michigan Tech’s main campus.

To be called “The Ford Forestry Center of the Michigan College of Mining and Technology,” Alberta was developed by the late Henry Ford as a model lumbering community. Completed in 1936, the town eventually reached a population of 65, of whom 25 were employed at the mill. Its schools offered classes from kindergarten to the eighth grade.

The Alberta sawmill and others in the Upper Peninsula once supplied Ford with lumber for station wagon bodies, automotive parts, and defense production, though the last of Ford lumbering operations ceased in June of 1954. Alberta has been a tourist attraction for thousands of Upper Peninsula visitors for many years.
PRESENTATION OF FORD PROPERTIES

Accepting the gift for Michigan Tech, Dr. Dillman said: "Scientific research must lead the way to new uses of Michigan’s growing timber crop. Michigan Tech, through studies in its new Ford Forestry Center, will cooperate with industry, education, and governmental agencies in research on methods of timber management and utilization. New educational facilities provided by the Ford Forestry Center will help the college immensely in educating competent technically trained men for the forest industry."

The presentation of the Ford properties occurred at a civic luncheon at Michigan Tech on November 30, 1954. Allen W. Merrell, Ford Fund vice president, announced the gift to the Michigan Tech forestry department and turned over the property deed to Grover C. Dillman, president of the college. Mr. Merrell said: "Alberta can best benefit the economic future of the Upper Peninsula as an instructional facility of the college."
The modern sawmill on the Alberta site is capable of cutting 15,000 board feet of lumber daily; it once employed 25 men. The mill hot pond draws its water from a small lake formed by a dam on a near-by stream.

Approaching the Ford Forestry Center of the Michigan College of Mining and Technology on U. S. highway 41 from the south.
THE FORESTRY CLUB

OFFICERS
ACTIVITIES
PROJECTS
SAULT BRANCH
CLUB CABIN
ROW 3: E. Stillwell, B. Carlson, G. Lehrer, P. Nobleit, R. Lindberg, N. Sloan

ROW 2: J. Van Deusen, B. Kallio, R. Locke, R. Sedler, R. Norland, F. Schunke
ROW 3: R. Linberg, S. Freese, J. Byrd, R. Bunster
FORESTRY CLUB OFFICERS

J. VanDaeusen, President; W. Verch, Secretary; K. Robert, Vice President

ACTIVITIES

LUMBERJACK BALL

Many "lumberjacks", dressed in true woodsman style plaid shirts, turned out Saturday, October the sixth to make the annual Lumberjack Ball a big success. The gaily dressed throng presented quite a spectacle as they danced to the smooth music of the Starliners. Many of the ladies wore lumberjack style corsages of white cedar boughs and cones obtained from nearby swamps by Forestry Club members.

The good attendance at the dance indicated that there is much student interest in this type of entertainment. It is hoped this interest will continue to make the Lumberjack Ball one of the favorite events of the school year.

The high-light of the evening came when the winning number for the Buck Shoot rifle was drawn. Bob Seiter, a resident of Douglass Houghton Hall, held the lucky ticket. He won a new .30-.30 deer rifle.
WINTER CARNIVAL

The foresters donned their boots, old clothes, and charcoal beards for the 1955 Winter Carnival stage review and enacted "The Shooting of Dan McGrew". The skit was well-received and the judges presented third place to the foresters in class B competition.

A thirty foot high statue of Paul Bunyan was the foresters entry in this year's carnival snow statue competition. "Big Paul" was portrayed leaning on a cant hook and surrounded by huge logs ready for the lumber mill.

![Snow Sculpture](image)

BOWLING

The forestry club came up with a good bowling team in 1955. They took fourth place in the intramural league, and then rounded into shape to sweep the student bowling league, beating the Civil Engineers three straight in the finals.

SENIOR BANQUET

Forty hungry foresters sat down to a steak dinner at the Memorial Union Building for the Senior Banquet this spring. After the meal, Dr. Snelgrove of the geology department showed a film of his recent trip around the world and Professor Noblet gave a short address on the forestry school and its alumni.
DIRTY FACE LOOKOUT—1954

By: John Daniels

The Wenatchee National Forest, located on the east side of the Cascade Range in central Washington State, is the watershed for the most important apple-growing region of the United States. Here, above beautiful Lake Wenatchee on Dirty Face Lookout, my wife, Nancy, and I were employed last summer by the United States Forest Service.

First days on the payroll were spent at a fire school for all the lookouts and guards from this forest. Classes were conducted about 60 miles south of the Lake Wenatchee Ranger Station, over Blewett Pass, at the site of the Liberty Guard Station. The staff briefed us on safety, map reading, Forest Service policies, and fire behavior. In addition, we were given practical experience in small fire suppression, use of fire tools, operation and care of the Osborne fire finder, smoke chasing, and reporting fires. A well-organized sports program occupied our spare time. Though we were together only three days, the voices (on radio) of our many new acquaintances became very familiar during the next three months.

Back at our Ranger district we learned that the snow was still too deep to get pack mules up the slopes of “our” mountain. The fire danger remained low so I worked on trail maintenance with some of the “regulars”.

I was getting anxious to see our summer’s home so one Sunday hiked up to the summit. Four miles of trail join the ranger station and Dirty Pace, about 4,400 feet difference in elevation. (The lookout’s elevation was more than a mile above sea level). I had never climbed a mountain before, but thought this would be a “pushover”—it took me four long hours. The modest grey building was perched atop the rocky peak and looked beautiful. There was snow from the two-mile-marker up—some banks 10-15 feet deep. On the way down a summer shower pelted me. I arrived at headquarters just at dark, soggy but my enthusiasm was greater than ever to get situated.

Finally, on July 1, arrangements were completed to “pack up” the slope. Early that morning “Percy” (Mr. Lawrence Percival) our packer was experiencing difficulty getting the mules saddled and loaded. “Betty” tore her bridle and “sunfished” as soon as she felt the saddle. “Clay” jumped the corral fence and the cat had “Jip” nervous as a filly. This was the animals’ first trip of the year, so an old mule, “Red”, was entrusted with our grub—bacon and eggs, salt pork, flour, oatmeal, and corned beef. At 10 a.m. we pushed off—Nancy on “Sparkplug” (Percy’s horse), and Percy was heading the string on “Diamond”. I walked.

The lower mile of trail wound through the “toolies” (big-leaf maple, and other hardwoods). Higher were fine stands of Douglas fir. At mile-two, we started on snow. Near the trail’s end Alpine fir and Whitebark were common—so were snowbanks ten feet deep. At 2 p.m. we arrived on top amidst a driving snowstorm—winds about 40 mph and the temperature at 30° F. The assistant district ranger, Johnny Devereaux, stayed a few hours and helped me set up the aerial and take off the shutters. “Dirty Face” was a primary weather station and observations had to be recorded three times each day. Percy left immediately, for the mules were coated with ice. After a final briefing, Johnny also departed. I certainly didn’t envy either of them for the visibility was scarcely 100 feet. Our new home was 14’ x 14’ and had two levels—the living quarters were downstairs and a ladder dropped from the “loft” which housed the fire finder. There was a wood stove, a kerosene burner, and a kerosene lamp. The springs on our Army bunk were in need of repair.

—21—
It was 6 a.m.—the sun had already warmed our down sleeping bags. These first days were busy ones. Nancy’s first cleaning revealed the work of plenty of mice. I oriented the fire finder, checked my fire pack and set up weather equipment. The telephone line was still under the snow, therefore all our communications were by short-wave-radio. Green at lookout work, my first smoke reports turned out to be either road graders or logging trucks. A sheep drive even fooled me on July 9. One day I saw the real thing—it was smoke alright—but a legitimate one; coming from a girls’ camp on the southeast shore of Lake Wenatchee.

One night we were awakened by rustling paper on the shelves that encircled our building above the windows. Following nights were accompanied by the same noise. Our mystery was solved one night when a white-footed deer mouse crossed in the beam of my flashlight. The next morning we found “big eyes” had been feasting on our chocolate bars. His tiny chisel-like teeth marks edged every bar.

We had quite a number of visitors on week-ends, notwithstanding the four mile hike to the top of the mountain top. Many belonged to hiking clubs from Seattle. These people often asked about the names of different peaks, ranges, and valleys and the location of distant lookouts. After a few “I don’t know’s” Nancy and I decided to learn more about the surrounding country; Glacier Peak was to the northwest, Mt. Rainier (though we couldn’t see it) was far to the southwest, and on clear days we could see the glittering golden wheat fields of the great and rich Palouse Country far to the east. Smoke from the Peshastin mill to the south was visible every day.

July had nearly passed. Up to this time we had been melting snow for our water supply, but one day I noticed a round wooden cover on the ground. It was a cistern. Hereafter we kept this filled with snow, as long as it was within hauling distance. The remaining snow’s whiteness had turned to a scoty grey, so I started hauling our drinking water from a creek about a mile down a trail into a valley on the north side of our mountain. I usually filled a five-gallon drum twice a week, hauling it up on our Alaskan packboard. These excursions were rewarding in that often I saw one or two hoary marmots as they clamered over the rock slides following their shrill resounding whistles. A blue grouse hen was raising a brood along the trail and greeted me on several occasions. She usually exploded from a hemlock thicket, hoping to divert my interests from her six young ones. Numerous pocket gophers watched my passing from their underground dwellings that opened onto the sides of the trail.

During the second week of August we were getting low on supplies. Nancy planned a hike down the mountain to buy our grub, and then come up with Percy in a few days. Next day the sky to the southwest was filled with cumulo-nimbus clouds—moving towards Dirty Face Mountain. Thunderstorms had been forecast, but so had they for preceding days, with no results. At five that evening the telephone started to “crack”. Lighting flashed from cloud to ground in the direction of Tumwater Canyon and the Stuart Range. Over the radio I heard that a fire had already been reported in the Cle­Elum District to the southwest. By 6:30, the storm was within two miles of my lookout. I “signed off the air”, disconnected the aerial, grounded the telephone, and got ready to record strikes. I managed to get two excellent pictures before the rolls of clouds enveloped me.

Lightening and the resulting fires seldom arouse enthusiasm for those having to deal with them except possibly a lookout who is experiencing his first thunderstorm. One is awed by the magnificent power and beauty of such a storm. My foremost thought, though, was the necessity of recording accurately the position of as many strikes as possible. Because of my haste in doing this I forgot to close the trap door—the result nearly disastrous. One bolt hit a
lightening rod in the roof of the lookout and sounded first like water poured on a hot stove; then a deafening crash. More than once I was thankful that lookout, stove, and bed were well grounded.

Late that night the head of the storm passed and only distant rumbles and occasional flashes toward Lake Chelan remained. I scanned numerous strike areas for “glows”. There it was—a faint, yellow spot about six miles across the valley. Through the binoculars individual trees were silhouetted by the fire blazing in their crowns. Just as quickly as it started, it died down to a glow and then—blackness. Fortunately it never started again for its positon was at an inaccessible spot on a jagged cliff. Around midnight two fires were spotted by a nearby lookout at the top of Buck Mountain at nearly 7,000 feet. This fire caused the greatest loss on our district. A plane dropped supplies the following day to a crew of 15 fire fighters who had come in during the twilight hours. The highest smokes were in punky snags on an isolated cliff. The boys had to let themselves down off the job with ropes, yet not a complaint was ever heard. I spotted tow smokes the next morning and both were suppressed while still “Class A”. For the following week the radio was badly pammed with fire talk and smoke reports.

The next day Nancy and Percy arrived with a fresh supply of food. Fresh meat and vegetables were welcome after a two-day diet of oatmeal and pancakes. Of course we were clouded in again. (Percy never did get up on a clear day).

The weather was getting colder now. Night temperatures were constantly in the thirties though the darkness brought midnight beauty to the mountains. Lights flickering on distant mountain tops revealed the position of surrounding lookouts, and earlights streaked from roads far below. Our “flicker” was a kerosene lamp—faithful companion to our numerous evenings “at home”. Nearly every morning there were deer tracks about the lookout and early one morning I saw a fine 8-pointer on a snow patch 100 feet north of the lookout. Nancy watched a dozen mountain goats one evening as they scrambled over a nearby rocky ridge. The girl on Alpine Lookout, across the valley, was constantly accompanied by a whole herd of goats. She frequently remarked over the “air” what a nuisance—and smell—they were. Our friends the pikas or “rock rabbits” were usually busy now building their “haystacks”. They’re odd animals—only appearing in the open on cloudy days or in the early morning or the evening. They too make quite a noise.

One morning I awoke to a driving snowstorm outside—and not a little was finding its way into the lookout. Snowfall stopped by evening and though most of it soon melted on “Dirty Face”, the ranges to the east were shrouded for several days by six inches of snow.

Toward the end of the first week in September it was beginning to feel like winter was near. It drizzled intermittently and the cold, damp days were usually accompanied by strong winds. Sunday, the fifth, Nancy discovered a smoke up the valley of the Little Wenatchee near Rainey Creek. She saw it just as the sun was getting low and the mist was rising in the valleys. One hour later we couldn’t even see the smoke but Johnny had, and radioed for more help. By 10 p.m. it was out. The boys really love those Sunday fires!

I was getting a large surplus of wood hauled and split, knowing that any day now we’d be heading down. Then we were clouded in three days in a row. Rain was still keeping the fire danger low so word was received to get our gear packed. Dirty Face Lookout was closing for the season. It was raining on our last trip down that fair mountain.
OTTER RIVER CABIN

The Forestry Club and the Forestry Department of Michigan Tech has acquired the property located at the Otter River trout-rearing station, twenty one miles south of Houghton. These facilities will include twenty acres of land, all heavily forested, with a quarter mile of the land adjoining the river. The cabin, located roughly in the center of the land on the banks of the river, is of log construction, 45 feet by 36 feet in outside dimensions. Besides having all furnishings, including stoves, the cabin can sleep eight people very comfortably. Water facilities come from an artesian well 168 feet in depth. Power and lights are part of the luxuries of the cabin.

The Otter River trout-rearing station was established some twenty years ago in the hopes that the Michigan Grayling trout might be saved from extinction, and it was thought that any surviving fish might be netted and enclosed at the station for propagation purposes and the recestablishment of the fast-dwindling species.

After some eight years of netting, and search for the Grayling none were found that could be used for breeding stock. Consequently the Grayling trout was declared extinct. This negative finding caused the Otter River properties to be declared surplus to the needs of the Fisheries Division of the Michigan Department of Conservation, thus making it possible for the college to request the facilities for the use of the staff of the Forestry Department in carrying out its forestry education program, as well as for recreation for its fast-growing student body. The forestry staff and students are indeed grateful to the Department of Conservation, its Fisheries Division, and to its regional officers at Marquette, Michigan.
SUMMER CAMP 1954

The 1954 summer camp was attended by a bunch of energetic, eager-to-learn foresters. The boys worked in some cruising, surveying, scaling and corner location when they were not busy chasing butterflies with Biltmore sticks, swimming, sleeping, or just "goofing off".

During the early part of camp, when we were learning to pace and use the compass, nothing serious befell anyone; but Krawchuk did manage to lose himself for a few hours. This was a good reminder to always check their compass reading. Seems as how "Sam" was running a traverse and midway in the circuit took a reverse bearing. He had a long, hot walk but found his way to the truck alright. "Hammer" was very adept at picking out some of the most inconspicuous section corners for us to find. It is still a mystery how he found a stub of an iron pipe concealed under the brush and reproduction.

The mosquitoes and black flies from four counties congregated to greet the Tech Foresters last summer. About the only way to escape from the constant attack was to find a nice cool lake. Most of the fellows took a swim on several occasions, though escape from the insects wasn't their only motive.

The 1954 group of "cedar savages" type-mapped the area around Lake Perrault after a few delays for swimming and rain. Cool water sure was inviting after one had trudged half a day in the bush. The boys were very conscientious about swimming when they were working. They would always check to make sure that Hammer and Vern were not down at the lake wading before they would strip down and jump in. We had a few mild Copper Country showers while working around Lake Perreault. Weather would hold off from raining until we were a couple miles from the truck—then let go with a downpour. One of the wonders of the great outdoors; slogging a mile and a half through the brush in a thunderstorm.

The most enjoyable part of the day, next to quitting time, was lunch hour. Most everyone looked forward all morning to watching "Doc" Brown eat lunch. He could "out-eat" anyone in the camp. Each day a few fellows forgot their lunch—or didn't take time to pack it. By donations from their buddies, they ate better than those who packed their lunches. And then there were the K.D. kids—Bailey and Stupka—with their frozen orange juice and raw carrots diet,—big meals for a hard working forester. "Hammer's" dog "Susie" became infamous during lunch hour. She usually shared part of everyone's lunch. Not even "Susie" could enjoy peanut butter sandwiches on a hot day. I don't think "Hammer" ever succeeded in training her to eat pickles, but wait til next year. After lunch the foresters joined in constructive activities such as sleeping, listening to "Hammer" tell amusing stories, or chasing butterflies with Biltmore sticks for the entomology collection. Besides being a very ineffectual means of gathering a collection, this was discouraged by the instructors after three sticks were broken.
SAULT BRANCH

ACTIVITIES

Ten freshmen joined the Forestry Club in the fall term and added enthusiasm for the cabin project. However, because of the continuous rains and flooded trails last fall, not much progress was made on the cabin. Framing lumber was purchased and, because of the rainy weather, work was started on framing the walls in sections on the campus. All necessary materials for completion are now on hand.

The Club shared, for a time, the concession stand at the gymnasium this year with the Varsity Club. However, since so many members were out for basketball and some work in the evenings, the Club relinquished its privilege to operate the concession project.

On November 20, 1954, the Club sponsored the Bunyan Ball. A nine-foot figure of Paul towered over a “camp fire” at the far end of the ballroom; there were multi-colored lights above the dance floor and the orchestra was ensconced behind white birch logs. The back bar of the soft drinks counter was a confusion of pine cones, stuffed animals and oddities of nature that were highly disturbing to the
"loggers" in their "cups". Centrally located on the back bar was a portrait of a "dressed-up logger on Saturday night". The dance was acclaimed a distinct success by the student body. The square dancing at intermission was performed so enthusiastically that a light fixture crashed on the trumpet—not on the trumpeter.

The Forestry Club took top honors during Homecoming for producing the best snow statue, in the opinion of the official judges. The statue was a 12-foot high one of Paul Bunyan. The Club was awarded the plaque given annually for this honor.

On February 27 the Club went to the Montreal River for a snowshoe hike and steak roast. The area visited lies 80 miles northwest of Sault, Ontario, on Lake Superior.

The date for the annual banquet has not been set. However, the members are anticipating a sumptuous dinner and the tall story contest which follows traditionally.

The Club members are looking forward to the smelt jamboree again this spring. This event has become an annual campus event and has been sponsored by the Forestry Club the past two years.

The final activity of the Club for the school year is the planting of a tree for Arbor Day.

The Club meets twice a month on the average and has had several speakers and movie films for programs.

Homecoming snow statue of Paul Bunyan
FRESHMAN FIELD TRIP

On May 20, 21 and 22, the Freshman General Forestry class left the campus on a field trip through the Ottawa National Forest. The trip was similar to the excursions taken in 1953: from the school to the Kenton Ranger Station on Thursday afternoon; then on to Ice Lake at Iron River, where our “base of operation” was established.

The tour through the Ottawa National Forest was made by three student cars, in which the elect of the class rode; and the department truck, which carried the remaining “peons”. Students were arranged in groups of six, each group preparing their own meals.

One cabin had their meals prepared and planned by the “great” French chef, Rene Bunster, and his assistants. Thursday night dinner was served with all the style of the Waldorf Astoria—except dancing girls. Steak, fresh beans, mashed potatoes—which didn’t mash—and peach ice cream short cake, rounded out the menu. Not to mention the main dish—a salad which cost a fortune. Never did a 15c head of lettuce have such extravagant decor! A 5c tomato and a 5c onion, crowned with $2 worth of salad dressing. The dressing took longer to prepare than the whole meal, as everyone present sampled it and added, behind Rene’s back, what he or she—Emily—thought necessary. Actually, it was very good—ask those who ate it, Bullock, Divinyi, Golin, Bunster and Hesterberg.

Another attraction which proved to be irresistible was the clear, cold water of Golden Lake, where some of the foresters got wet through horse play. No one knows who won the water fight between Emily and Don yet.

Saturday, the freshmen visited a fisherman’s dream spot—the Michigan Conservation Department’s trout rearing ponds at Cook’s Run. What a sight! Fifty to sixty thousand legal sized trout just waiting to be caught. Nice young trout was enjoyed by one person for lunch that noon, and no hooks were needed to supply the raw material. Incidentally, although Gary Ewert caught the only Walleye at Ice Lake, he had to use a pole and hook, while “Bud” Spiroff needs no training in how to catch trout with his bare hands.
ALUMNI AND ADVERTISING
A REPORT TO THE ALUMNI FROM THE FORESTRY DEPARTMENT

by U. J. Noblet

This year will see our fifteenth graduating class since your Forestry Department came into being in 1936. Two hundred and sixteen graduate foresters will have gone on the job reporting to practically every part of the country and on about every type of job expected of a Forester. Industry and public employment continue to be the most attractive of the job opportunities for the men, thirty-eight percent going to industry and a like percent finding their way in the public agencies of State and Federal government. Our enrollment has remained on a very even keel and has not shown the down trend which other curriculums have exhibited in recent years. Taking the last four college years as an example, we have maintained an average yearly enrollment of 112 students. The graduates for the same period number 24 per year. No recent staff changes have taken place, and none are contemplated. It is gratifying to report that Professors Bourdo and Hesterberg have obtained their Doctor's degree, and we congratulate them on this well-deserved honor.

This year will be remembered as one of the most significant in the progress of Forestry at Michigan Tech, for on November 30, 1954, The Ford Motor Company Fund gave to the college its Alberta properties with three sections of selectively cut timber. The total gift included: 12 modern residences, 12 garages, 1 modern sawmill and equipment, 2 schoolhouses, 1 office building, 1 utility building, 1 22-acre lake (man-made), 3 sections of timber surrounding Alberta, containing 5,300,000 board feet of mixed hardwood timber selectively cut some fifteen years ago. Replacement value of the gift is well over a half million dollars.

In his acceptance speech, Dr. Dillman said that the Alberta properties, to be called the "Ford Forestry Center", would be used to expand Michigan Tech's Forestry Department facilities and its program of forest products research. "New educational facilities provided by the Ford Forestry Center will help the college immensely in educating technically-trained men for the forest industry," Dr. Dillman said. Tech's Forestry Department feels, and justly so, that the addition of the Alberta facilities will place the college in the forefront among the various forestry schools of the country.

To round out the year of gifts to the Forestry Department, the college just recently acquired the Otter River Trout Rearing Station. A gift of the Michigan Department of Conservation, it will provide recreational facilities for the activities of the Forestry Club and faculty-student get-togethers. The log cabin with its twenty acres of land is approximately 22 miles south of Houghton and West of Elo. The Otter River crosses the acreage for a quarter mile at a spot known to be the best for trout fishing. A garage and utility building is also provided at the camp site. The earlier graduates will remember the trout rearing station for the general forestry field trips which this conservation activity affords the student.
Paul Bunyan

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These two outstanding additions to our forestry facilities of necessity will require much work and planning in order to realize to the fullest extent their potential values. Within the next two years we plan to start holding the spring term of the senior year at Alberta, where forest management planning can be carried out as an actual working project. The sawmill will be operated sufficiently long to provide actual milling experience for the student, be it during the regular summer camp term or senior year. The first regular sophomore summer camp will be held this coming summer and needless to say we are looking forward to this event with fullest anticipation. The faculty as well as students will occupy the fine homes provided by the Alberta setup. Classes and laboratory space will be provided by the two school houses formerly used for that purpose by the residents of Alberta.

Yes! the next several years do seem to point to considerable progress for our Forestry Department. We sincerely hope you can come back soon for a visit to the campus and a possible pleasant fishing trip to our 22-acre trout lake at Alberta.

**WESTERN HEMLOCK**

Youth, maturity, old age, and death are here portrayed by Franklin Arbuckle in a typical stand of western hemlock in British Columbia. The painting has been commissioned by the Canadian Pulp and Paper Association and is printed with their permission.
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ALUMNI

CLASS OF 1940

ANDERSON, KENNETH
2153 Trenton Drive, Trenton, Michigan.
Forester, Wayne, County Road Commission.

BENTLEY, EVERETT H.
2450 Woodland Ave., Duluth 3, Minn.
Land Manager, Ogelby Norton Mining Co.

BORSUM, WILLIAM
Terrace Bay, Ontario.
Service Operations Supt., Longlac Pulp and Paper Co., Ltd.

DANIELSON, CARL
Houghton, Michigan
Recently advanced to Ass't Prof. of Forest Products Research Division, Michigan College of Mining and Technology.

JOHNSON, GODFREY, B.
170 W. Jackson Blvd., Chicago 4, Ill.
Safety representative—United States Fidelity and Guaranty Insurance Co.
Godfrey is a past president of the Chicago Alumni Club.

KILLMAR, KENNETH
P. O. Box 431, Gwinn, Michigan.
Forester, Michigan Dept. of Conservation.

SMITH, JUSTIN
21 Kimberlain Drive, Brockport, N. Y.
Agronomist for the A & P Stores, Inc.

STEINHILB, HELMUTH
Box 632, Painesdale, Michigan.
Ass't Prof. for the Forestry Dept. at M.C.M. & T.
Houghton, Michigan.

CLASS OF 1941

ATKIN, JOHN
Goodman, Wisconsin.
Forester, Goodman Lumber Company

Bahrman, Robin
Motor Car Sales Co., Cadillac, Michigan.

Bergh, Newman
L'Anse, Michigan.
Forester, Ford Motor Company.
Newman recently transferred from the White Pine Copper Company where he was a surveyor. He is now responsible for management of the Ford Motor Company Fund forest lands.

ROLLMAN, CHARLES W.
1033 Neuflied St., Green Bay, Wisconsin.
Civil Engineer—highway engineering, construction supervision, surveying and forest land management. Chuck now has a fine family—five children.
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ALUMNI (Cont.)

YOUNGS, FRANCIS
218 Hursley St., Sault Ste., Marie, Michigan.

CLASS OF 1942

BRATETICH, RUDOLPH
947 Grand Ave., Racine, Wisconsin.
Engineering Draftsman, U.S. Dept. of Agriculture,
Soil Conservation Service.

HEIKKANEN, ALLEN H.
Manistique, Michigan.
Mining Engineer, Cleveland-Cliffs Iron Co.
General Open Pit Engineering.

STACK, JOE
2212 Everett Ave., Seattle 2, Washington.
Drafting Engineer, Boeing Aircraft Corp.

STIMAC, MATT
Durand, Wisconsin.
U. S. Dept. of Agriculture, Soil Conservation
Service, Survey Party Chief.

SWANSON, RALPH G.
Box 49, Ashland, Wisconsin.
Area Supervisor, Consolidated Water Power and Paper Co.
Ralph is responsible for local pulpwood logging and
loading rafted pulpwood at Ashland.

WEINBERG, GLEN
844 West Belle Plane Ave.
Chicago 13, Illinois.

CLASS OF 1943

BLAKE, FRANK E.
Gillett, Wisconsin.
Frank completed a B.S. degree in Engineering Administration in
1952. He is now Consumer's Representative Shift Supervisor at
the Falls Paper and Power Company where he functions as quality
consultant. Frank is married and has one child.

BOELTER, ALLEN H.
6300 Fort Road, Route #1, Fosters, Michigan.
Al is district forester engaged in private forest cooperation for
the Michigan Dept. of Conservation. He is married.

BOURDO, ERIC A., JR.
Eric returned to teach at Michigan Tech this year after completing
a Ph.D. at the University of Michigan. He lives with his
wife and son at 204 Vivian Street in Houghton, Michigan.

FUCIK, GEORGE C., JR.
We have not heard from George lately. His most recent address
(1952) is 703 Kinzie Court, Menasha, Wisconsin.

JUNTUNEN, GEORGE I.
2325 Cass Ave., Detroit 1, Michigan.
George completed a masters degree in Civil Engineering and at
last report was engaged in structural design and detail for the
Austin Company of Detroit.
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MICHIGAN
ROGERS, FRED J.  
971 Wisconsin River Ave., Port Edwards, Wisconsin.  
He is a forester for the Nekoosa Edwards Paper Company.  
Fred is married and has a family.

CLASS OF 1944  
LABYAK, LEO  
Durham, North Carolina.  
Forestry Dept. Duke University.

CLASS OF 1946  
LORING, THOMAS  
456 Murdoch Ave., Noranda, Quebec, Canada.  
Tom is a partner in a consulting Engineering firm, carrying on examinations and directing the operations of mining and timbered properties. He obtained his M.F. in Silviculture from New York State College of Forestry in 1951. Tom is still footloose and fancy-free.

MAKI, ARTHUR  
2363 Snively Ave., Chehalis, Washington.

WHITE, ELMER  
Game Division, Michigan Conservation Dept.  
Lansing, Michigan.

CLASS OF 1947  
DeVRIEND, ADRIAN  
Campbellsport, Wisconsin.  
District Forester, Wisconsin Conservation Dept.  
Adrian is married and has two girls and a boy.

DONEGAN, FRED V.  
Smooth Rock Falls, Ontario, Canada.  
Woods Superintendent, Abitibi Power and Paper Co.

FOSS, EDWIN  
212 W. Fourth St., Clare, Michigan.

GRAVES, HAROLD J.  
1001 Pierce St., Wakefield, Michigan.  
District Pulpwood Supt. and District Forester,  
Kimberly Clark Inc. He is married and has one child.

LAVERDIERE, REUBEN  
Hecla St., Lake Linden, Michigan.  
Forester for the State of Illinois.

LEICHEMAN, WILLIAM W.  
1322 Kentucky Ave.  
Technical Sales Representative, Monsanto Chemical Co.  
Bill is married and has three children.

METSA, ARNE A.  
Gwinn, Michigan.  
District Forester, Escanaba River State Forest, Michigan  
Dept. Conservation.
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ALUMNI (Cont.)

NANCARROW, WILLIAM J.

McKINLEY WILLIAM J.
McKinley Park, Alaska.
Self employed, motel proprietor. Bill recently resigned from the Park Service to build himself a motel.

RUCINSKI, LOUIS
Norway, Michigan.
Completing studies on leave of absence at present at Tech.

TAYLOR, TAD
State Engineering Dept., Washington State.

VIAL, ROBERT
Houghton, Michigan.
Forester, Consolidated Paper and Power Co.

WAGONER, HARRY
1185 Hetz Ave., Iowa City, Iowa.
Farm Forester, Iowa Conservation Dept.

CLASS OF 1948

ANDERSON, EINAR F.
Marine on St. Croix, Minn.
Married with two sons.
Sales and service work on all plastic compounds and resins for the Monsanto Chemical Company, Plastics, Division.

DONEGAN, FRED
Smooth Rock Falls, Ontario.

FABER, EDWARD J.
1921 Ogden Ave.
Douglas County, Wisconsin.
Married with three children.
District Forester for the Wisconsin Conservation Dept.
Doing forest management work in the Douglas County Forest, which has an area of 250,000 acres, the biggest in the state.

FISHER, DONALD
Bergland, Michigan.

JENNINGS, CLAIR GEORGE
Lisbon, Illinois.
Pastor of Bethlehem Lutheran Church, Lisbon, Ill. and Grace Lutheran Church, Rural Morris, Ill.

MAKELA, HOWARD
Neola, Utah.

PARTANEN, PAUL ARNOLD
1345 Ste. Aime, Drummondville, Quebec, Canada.
Married with two children.
Manager of the St. Leonard Veneer Company, which is a Branch of the American Seating Company.
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ALUMNI (Cont.)

TODD, WILLIAM A.  
Longyear Building, Marquette, Michigan.  
Married with two children.  
Forester for the Longyear Realty Corp. and Keweenaw Land Association.

CLASS OF 1949

AHO, CHARLES  
P.O. Box 54, Grayslake, Ill.

AHO, EDWIN  
710 W. University, Peoria, Ill.  
Owner of "Woodland Owners Forestry Co.", established in August 1954.  
Married with four children.

BALMER, WILLIAM  
23 Citrus Ave., Ocala, Florida.  
Assistant ranger with U.S. Forest Service, Ocala National Forest.  
Married with two children.

BARDEN, LYLE  
Route 2, Atlanta, Michigan.

BARTOSZEK, ANTHONY B.  
East Lake Drive, Springfield, Ill.  
Div. Engineer for Panhandle Eastern Pipe Line Co.  
Married and has one boy.

BORDELEAU, HAROLD J.  
12 Hannum Ave., Homer, N. Y.  
With Newton Line Co., wholesale fishing lines.  
Married with three children.

BOURDOW, MILES W.  
Route 2, Tomahawk, Wisconsin.  
Dist. Forester—Wis. Dept., also is a pilot.  
Married with two children.

COLLINS PETER  
Box 492, Chassell, Michigan.

CORBIN, DUANE LEROY  
Box 168, Minoqua, Wisconsin.  
Decryard forester, WCD, also recently attended U. of Wis., took course in nature interpretation.  
Married with three children.

DRUMM, LESTER O.  
Star Route, Box 419, Oakridge, Ore.  
With Edw. Hines Lumber Co., foreman on road const.  
Married with three children.

ECKER, EDMUND J.  
Dept. of Cons., Gaylord, Michigan.  
Forest manager.  
Married but no children yet.
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Marquette, Michigan
ALUMNI (Cont.)

HAMALAINEN, EINO HAROLD
Route 1, Cheboygan, Michigan.
With USDA Soil Cons. Ser.
Married with one child.

HOLME, HAROLD E.
3335 35th St., Milwaukee, Wis.
Salesman with U.S. Plywood Co.
Still single.

HOSKING, RAYMOND
630 Hancock St., Hancock, Michigan.

JARVEY, CARROL
408 W. Johns, Newberry, Michigan

JOHNSON, RUSSELL
416 S. Pine St., Ishpeming, Michigan.

KEENER, JOHN McLARREN
Wis. Cons. Dept., Rhinelander, Wis.
Game manager III. Studied statistics at U. of W.
Married with three children.

KNAPP, CLYDE

KREIG, MILTON JACK
225 N. Bastwick, Charlotte, Michigan
Foreman at GMC, Fisher Body Division.
Married and has two children.

McDONALD, ROGER
802 Houghton Ave., Ontonagon, Michigan.

PEPPER, ALMON ARTHUR
742 5th Ave., Park Falls, Wis.
Dist. Forester with WCD.
Married with two boys.

PIERCE, RICHARD
U. of Minnesota, Minneapolis, Minn.

RESCHA, PAUL

ST. ONGE, RAYMOND
544 E. Breckenridge, Ferndale, Michigan.

ST. ONGE, WILLARD CHARLES
Box 46, Chatham, Michigan.
Conservation officer with Mich. Dept. of Cons.
Married with two children.

SANDHUSEN, WALTER

TEDDY, HAROLD
New Buffalo, Michigan.

VEESER, WILLIAM
818 Shelden, Houghton, Michigan.
Head, Land., and Forestry Dept., U.P. Power Co.
Had advanced trainings at Stone and Webster Service and
Engineering Corp.
Still single.
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Port Edwards, Wisconsin
ALUMNI (Cont.)

ZEMSKY, ARTHUR R.
1417 N. 9th, Terre Haute, Indiana.
Working with A. W. Williams Inspection Co. Inspecting poles, ties, posts, etc.
Married with two children.

CLASS OF 1950

AHO, WILLIAM
Parks and Recreation Dept., Pontiac, Michigan.
Bill is the city forester for Pontiac.

ANDERSON, JAMES
2022 Hubbard Ave., Middleton, Wis.
Jim is a wholesale lumber salesman for the J. J. Fitzpatrick Lumber Co., Inc.

CUNDY, CLYDE
P.O. Box 696, Bessemer, Michigan.
After doing graduate work at Michigan State College, Clyde is plant manager for the Osmose Wood Pres. Co.

DAVEY, LAWRENCE
Fairbanks, Alaska. % Resident Engineer.

ELLSWORTH, PATRICK
326 Jackson St., Marquette, Michigan.

FRIMODIG, DAVID
Copper Harbor, Michigan.
Manager, Port Wilkins State Park.

GOODMAN, JAMES
241 W. St. Charles Rd., Lombard, Ill.
Supervisor with Public Service Co. of Northern Ill.
Jim is married and has three children.

HAKALA, JOHN
Kotzebue, Alaska.
John received his M.S. degree in Wildlife Management from the University of Alaska in 1952 and is range conservationist at Kotzebue.

HALTUG, KARL
210 Pennsylvania Ave., Ontonagon, Michigan.
Karl is conservation officer with the Michigan Dept. of Conservation.

HANSEN, ROBERT
250 E. Lewiston, Ferndale, Michigan
After three years as an assistant research engineer with Algoma Plywood and Veneer Corp. and 1½ years as a purchasing agent with the Jolin Plywood Corp., Bob is now a sales representative for the Barrett Division of the Allied Chemical and Dye Corp.

HANNINEN, ARNE
2491 Ford St., Detroit 6, Michigan.

HARJU, ROBERT
Palmis Book State Park, Michigan.
Married and with one child, Bob is Park Manager at the Palms Book State Park.
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And Trust Company

Hancock, Michigan

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Houghton, Michigan.

JACOBSEN, LAWRENCE
846 Hinman, Evanston, Ill.

JARVI, Walfre
8517 Desoto, Detroit 21, Michigan.

JEWEll, GEORGE
Star Route, Crystal Falls, Michigan.

KOTILA, PETER
Crane Lake, Minn.

KRONBERG, IVAN
209 W. Sixth St., Duluth 6, Minn.
Ivan is married and has two children. He is forester II in the Dept. of Timberlands of the Oliver Iron Mining Division, U.S. Steel Corp.

LAMPI, ESLIE
Lassen Park, Mineral, Calif.
Eslie is a Park Range with the National Park Service at Mineral.

MAKINEN, RICHARD
Box 87, Kaleva, Michigan.

MARTINDALE, DONALD
School of Forestry, University of Georgia, Athens, Georgia.
After receiving his M.S. degree from Michigan State College in 1951, Don is now a research forester at the Southeast Experiment Station. He is married and has a son.

NELSON, CHARLES
South Carolina.

NOBLEt, JOHN
Calumet and Hecla, Inc., Calumet, Michigan.

NORGARD, ROBERT
904 ½ W. Dalton Ave., Spokane 18, Wash.
Bob is an inspector of lumber, poles, and piling for the A. W. Williams Inspection Co. of Mobile, Alabama.

PEKKALA, OLIvER
409 Grand Ave., Negaunee, Michigan.

PETERSON, RAYMOND
1415 ½ Cloquet Ave., Cloquet, Minn.
Ray is a student at the University of Minn., Duluth Branch where he is studying to become a teacher.

PETERSON, ROGER
461 Wood St., Piqua, Ohio.
Roger is married and has one child. He is in charge of the log yard for the Hartzell Industries, Inc.

PLOURDE, A. Earl
1030 Government Way, Coeur d'Alene, Idaho.
Earl is the Assistant State Forester for the Dept. of Forestry in Idaho.
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SANDHUSEN, WALTER  
5836 South Harlan, Indianapolis 27, Ind.  
Walt received his M.S. degree from Michigan State College in 1951. He is now district sales representative for the Weyerhaeuser Sales Co. He is married and has two children.

SEILER, E. GORDON  
Box 32, Rockaway, New Jersey.  
Gordon is a management understudy of the Package Research Lab. of Stapling Machines, Inc.

SOMPPI, TAUNO  
2453 Palm Ave., Redwood City, Calif.

SPOERL, GERALD  
State Ranger Station, Park Falls, Wisconsin.  
Gerald is Forester II in the Wisconsin Conservation Dept.

STIPE, RICHARD  
Dick is married and has two children. He is a forester for the Upper Peninsula Power Co.

WOOD, LEONARD  
R.R. #6 Millers Lane, Zanesville, Ohio.  
Len is a forester and superintendent of the Zanesville State Forest Nursery. He is married and has three children.

CLASS OF 1951

ACKERMANN, KARL E.  
8555 Silver Hill Rd., Pinckney, Michigan.

ARNDT, ARTHUR M.  
Hoveland, Minn.

AVERITT, JOHN C.  
John is married and has three children. He is Flight Commander for Annerson Air Activities at Airport Branch, Malden, Mo.

BOURDOW, ROBERT T.  
Gillet, Wisconsin.  
Bob was married Nov. 6 of last year. He is plant manager for Gillett Division of Norcor Mfg. Co., Inc., Green Bay, Wisconsin.

BRUSHE, HAROLD CHARLES  
1313 5th Ave., Escanaba, Michigan.  
Chuck is married and has two children. He is a forester for Sawyer-Stull Timber Co. at Escanaba, Michigan.

BUNNEY, ROBERT, S. M.  
Box 711, 56 Arthur St., Dryden, Ontario, Canada.  
Bob is married and has two girls. The newest addition is Karen Joanne, born July 13th of last year. He is chief forester for Dryden Paper Co., Limited, Dryden, Ontario.

CALABRO, JOSEPH C.  
Ranger Station, Porcupine Mountain State Park, Michigan

DRIVER, CHARLES A.  
1518 Lyons, Lansing, Michigan.  
Chuck is married and has one daughter. He is Highway Designing Engineer.
JOHNSON, JAMES A.
Mass, Michigan.
Jim is married and has one daughter. He is a Forestry Aid for the U.S. Forest Service, Ontonagon, Michigan.

KRAUTTER, DONALD C.
2100 Westfield Rd. Circle, Scotch Plains, N. J.
Don is married and has three daughters and a son. He is the owner of Aurora Tree Expert Co., 2100 Westfield Road Circle, Scotch Plains, N. J.

LOUGHRoy, JOHN J.
313 Coehlin St., Traverse City, Michigan.
John is married and has two children. He is a tree trimmer for Consumers Power Co. at Traverse City, Mich.

NEUBAUER, CLIFFORD A.
Oxbow Resort, Loretta, Wisconsin.

NORKOLI, RAYMOND R.
1605 11th Ave., Escanaba, Michigan.
Ray is married and has two boys. He is Asst District Forester for Michigan Conservation Dept., Escanaba, Mich.

PARSONS, SAMUEL J.

RAISANEN, ROBERT R.
1047 Ahmeek St., Mohawk, Michigan.
Bob is a candidate for B.S. in Engineering Administration degree in June at Tech.

RICHARDS, FRANK E.
349 E. Hewitt, Marquette, Michigan.

REID, LESLIE M.
237 Spruce St., Wyandotte, Michigan.
Les is married and working for the city of Wyandotte. He is working toward a M.S. in Municipal Forestry and Park Management at Michigan State.

TODD, ROBERT L.
P. O. Box 495, Centre, Alabama.
Bob is District Forester for Alabama Timberland Co. at Centre, Alabama.

VAN LOOSENORD, WAYNE
1019 Jennette Ave., Grand Rapids 4, Michigan.

WALL, CHESTER O.
630 Central Ave., Deerfield, Ill.

WALITALO, HERMAN
305 Water St., Hancock Michigan.
Herman is married and is Soil Conservationist for the Soil Conservation Service.

WATSON, LARRY G.
48 Boyd Drive, Battle Creek, Michigan.
Larry is a surveyor for J. R. Hiestand Registered Engineer, Battle Creek, Michigan.
ALUMNI (Cont.)

WENZEL, DUAIN E K.
113 Riverside Drive, Alma, Michigan.
Duaine was working on a M.S. degree in Game and Wildlife Management at Univ. of Mich. At the present he is a P.F.C. for Uncle Sam in Wosbaden, Germany.

CLASS OF 1952

AHLMBERG, R. C.
Chicago, Ill.
Dick was recently released from the U.S.M.C., and is now looking for a job.

ARCHER, J. J.
Midland, Michigan.
He is now employed by Dow Chemical in the Testing and Research Dept.

BAER, W. T.
Port Edwards, Wisconsin.
Working with Nekoosa-Edwards Paper Co., land acquisition and management.

BIRTZ, R. E.
Chemical treatment of brush under power lines for Osmose Wood Preserving Co.

BORAK, R. A.
Gwinn, Michigan.
Bob is doing general forestry work for the Michigan Dept. of Conservation.

BORSUM, R. D.
East Lansing, Michigan.

BUTKOVICH, F. D.
Wyandotte, Michigan.
Recently released from the army, taking it easy, before going to work for Osmose Wood Preserving Co.

CARLSON, R. C.
Wisconsin Rapids, Wisconsin.
Ray is employed by Nekoosa-Edwards Paper Co.

CROSS, R. J.
Libertyville, Ill.
Bob is training recruits at Great Lakes as an Ensign in the Navy.

FISHER, A. K.
Regan, Ontario.
Al is in charge of safety and fire protection for Abitibi Power and Paper Co., Limited.

FRANZ, M. A.
New Hampshire.

GOODRICH, R. L.
Flint, Michigan.

HALLISY, R. J.
Fond Du Lac, Wisconsin.
ALUMNI (Cont.)

HERRON, W. E.
Freeport, Ill.
Bill is now employed by Micro-Switch Co.

HOLM, E. H.

JOHNSON, F. R.
Orofino, Idaho.
We hear Floyd has taken part in two annual log drives with Potlatch Forests, Inc.

JORGENSEN, J. R.
Washington 6, D. C.

KARSTEN, R. H.
Rogers City, Michigan.

KRUMBACH, A. W.
Royal Oak, Michigan.
Art is enrolled at M.S.C.; working towards a masters degree in Forestry.

MATTSON, R. M.
Longview, Washington.

SMITH, W. R.
Escanaba, Michigan.
Bill is working with the U.S.F.S. on their timber management program for the Hiawatha National Forest.

SPOERKE, J. R.
Eagle River, Wisconsin.
John is employed by the Wisconsin Conservation Dept., and is working on Forest Inventory.

STIPE, J. S.
Houghton, Michigan.

SWENSON, E. I.
Northern Lakes Research Center, Rhinelander, Wisconsin.
U.S. Forest Service, Lake States Forest Experiment Station.
"Ed" is working on a soils-mixture prediction study in cooperation with the Corps of Engineers.

THOMPSON, W. J.
Crescent, Oregon.
Walt studied for a masters at Univ. of Mich., and is now employed by the U.S.F.S.

TROMBLEY, GORDON
Kamiak, Idaho.

ZOLLNER, J. A.
Manistique, Michigan.
Jack is Assistant District Forester on the Manistique River State Forest.

CLASS OF 1953

BARBIARI, JOHN
520 Austin Ave., Park Ridge, Illinois.
Working for a M.S. degree in Forest Engineering at Oregon State College. John plans on getting married this spring.
ALUMNI (Cont.)

CLEGG, ALBERT
4417 Gilliat St., Duluth 4, Minn.
Forester with the Oliver Iron Mining Co. Division of U. S. Steel Corp.

DANIS, STEVE
U. S. Army.

DUNGEY, KENNETH B.
23870 Roanoke, Oak Park 37, Michigan.
Second Lt. in the U. S. Air Force, stationed in French Morocco.
Overseas address—4th Radio Relay Sqdn., APO 117, N. Y., N. Y.

FALKNER, ED
Salt Lake City, Utah.

FARBO, THOMAS P.
Box 54, Fortine, Montana.
Tom is married and has a daughter. He is employed by the U. S. Forest Service.

FOSSA, OTTARIO Q.
1835 Wayne St., Toledo, Ohio.
Asst' Superintendent for the Federal Creosoting Co. at the treating plant.

FREEMAN, JAMES H.
714 North "A" St., Grangeville, Idaho.
Jim now has three children and is a forester with the U. S. Forest Service.

HEIN, CHARLES E.
4016 Portland St., Calumet, Michigan.
Senior forester for Calumet and Hecla, Inc. Chuck is now married.

HILDEBRAND, PHILIP G.
1030 North Oak, Colville, Washington.
Phil is a forest practice forester for the division of forestry of Washington.

KARLING, WILLIAM J.
Box 240, Wakefield, Michigan.
Second Lt. with the corp of engineers in the U. S. Army.

KOSKI, DOUGLAS J.
114 E. Fulton, Canton, Miss.
Administrative forester for International Paper Co.

LARSON, KENNETH R.
Route 1, Box 843, Ishpeming, Michigan.
U. S. Army.

LAMBRECHT, ERWIN G.
318 Fulton St., Wausau, Wisconsin.
Gene is employed by the Osmose Wood Preserving Co. and R/W Maintainenance Corp.

LEADER, MELVIN W.
Box 118, Summerville, S. C.
Mel is married and has one child. He is employed by Kappers Co., Inc., as a forester.
ALUMNI (Cont.)

LIZENBY, GEORGE
Baraga, Michigan.

MASNADO, DONALD S.
"B" Btry. 765th F.A.Bn. APO 175, New, N. Y.
U. S Army.

MASNADO, ROBERT A.
"B" Btry. 765th F.A.Bn. APO 175, New York, N. Y.
U. S Army.

MANTHEY ROY

PARSSINEN, LAURI F.
2615 Alhambra Blvd. Sacramento, Calif.
Second Lt. in U.S. Air Force. Lauri is married.

PEMBERTHY, ROBERT
Employed by Osmose Wood Preserving Co.

ROBINSON, EDGAR D.
Box 17, Hoodsport, Washington.
Forester for the U.S. Forest Service. Edgar is married and has
two children.

SHANER, BRUCE A.
% Matthiis Trailer Park, RR3, Denison, Texas.
U.S. Air Force. Bruce is now married.

SHEPARD, R.
U. S Army.

SMART, DALE
U. S Army.

TEEGUARDEN, DENNIS E.
U.S.S. Oriskany CVA 34 F.P.O., San Francisco, Calif.
Ensign in the U.S. Navy. Dennis was married.

CLASS OF 1954

BASTIAN, JAY W.
1600½ Laurium St., Calumet, Michigan
Planning technician, planning and traffic div. Michigan State
Highway Dept.

BIDSTRUP, RICHARD
Baraga, Michigan.
Dick is married and has one child.

CLARK, WALTER R.
1121 E. Houghton Ave., Houghton, Michigan.
Pvt. E-2 U.S. Army
Walt is married and has one child.

FRANKENSTEIN, GUENTHER E.
2420 Rochester Rd., Royal Oak, Michigan.
Physical Science Aide with the Snow, Ice, and Permafrost
Research Establishment in Greenland.
ALUMNI (Cont.)

GOTTWALD, PAUL JOSEPH
Box 375, Ramsay, Michigan.
Forester I in the Wisconsin Conservation Dept.
Cooperative Forestry Division. (At present in U.S. Army)

HALLISY, R.
416 6th St., Coerda Lane, Idaho.
Forester for the State of Idaho.

HOLMES, KENNETH ALLEN
26 Pine St., Mt. Clemens, Michigan.
Inspection Forester for the state of Idaho.
Ken is married and has one child.

KNEIP, DAVID
Dave is with the U.S. Forest Service in Idaho.

LEACH, PAUL J.
Paul is enrolled as a graduate student at Tech, obtaining a degree
in Business Administration.

LEBO, CLARK A.
Ahmeek, Michigan.
Employed by Calumet and Hecla Mining Co.

LITTLE, RICHARD B.
With the U.S. Army.

LOCKWOOD, JACK P.
609 Cedar St., Grayling, Michigan.
Ass't District Forester with the Michigan Dept. of Conservation,
Forestry Division.

MATSON, PAUL LEWIS
200 Bechmont, Dearborn, Michigan.
Scaler with the Scott Paper Co., Detroit Div.

OTTOSON, DAVE
Houghton, Michigan.
Dave is with International Paper Co. in Mississippi.
He is married and has a son.

SMITH, THOMAS E.
With the U.S. Army.

WATSON, JACK C.
Tiller Ranger Station, Tiller, Oregon.
Forest Timber Management with the U.S. Forest Service.

WILLIAMS, HAL ALPHEUS
Kirkville, Missouri.
Hal is in the Medical Corps of the U.S. Army.

WOLFE, ROSS M.
316 Euclid, Alma, Michigan.
Salesman-Wholesale Plumbing.

WERHANE, ELMER FRED
639 Harms Road, Glenview, Illinois.
U.S. Army. Elmer is on military leave from the U.S. Forest
Service.