The Michigan Tech Forester
1968
Volume XIX

Published Annually by the Forestry Club
Michigan Technological University
Houghton, Michigan
Foreword

The 1968 Michigan Tech Forester is fittingly featuring perhaps the most significant milestone in the history of the Michigan Tech Forestry Department since its inception, the new Forestry Complex. We hope the following pages will in pictures and type at least in part convey the scope of this structure. The Forester also takes pleasure in honoring Mr. Charles P. Nielsen, a distinguished Tech alumnus recently named vice president of the Forest Products Division of Owens-Illinois.
We Salute
Charles P. Nielsen

When Charles P. Nielsen received his degree in forestry from Michigan Tech in 1950, he began a career which has taken him to one of the nation’s top positions in industrial forestry.

In January, 1968, Mr. Nielsen was named vice president of the Forest Products Division, Owens-Illinois. He also holds the position of general manager, woodlands, to which he was appointed in 1966. In these capacities, he is responsible for administering the operation of more than one million acres of Owens-Illinois forest lands in Florida, Georgia, Texas, Louisiana, Virginia, Wisconsin and Michigan.

The Forester salutes Mr. Nielsen in recognition of his outstanding achievement.

Capable and diligent service in a wide range of assignments paved the way to Mr. Nielsen’s present position. Following his graduation from Sault Ste. Marie, Mich. High School in 1943, Mr. Nielsen’s career began with three years’ wartime service with the Marine Corps. He served aboard two aircraft carriers in the South Pacific during this period.

Following his return to civilian life, “Chuck” began his forestry education at Michigan Tech. In 1948 he married Nancy Wandler of Sault Ste. Marie. Mrs. Nielsen remembers her husband’s early interest in the outdoors which led to his forestry career.

“When we were dating in high school, he would take off for the woods every chance he could get rather than take me out,” she recalls.

Employment with the Forest Service took the Nielsons to Colorado after Chuck’s graduation from Tech. Although this work was enjoyable, it necessitated his living in a tent and away from Nancy and their infant son. Consequently, after a short period he returned to Sault Ste. Marie and took a job with a construction company.

In January, 1951, Chuck returned to forestry by joining the National Container Corporation as a scaler’s helper, working in the Upper Peninsula of Michigan. His record with this company, which later was acquired by Owens-Illinois, shows his capability and capacity for rapid advancement. Within two years he was promoted to scaler, woods foreman and camp superintendent. Later that year he was moved to Big Island, Virginia, where the Nielsons lived for five years, while Mr. Nielsen served in various capacities relating to wood procurement.
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dedication</td>
<td>4</td>
</tr>
<tr>
<td>Department of Forestry</td>
<td>6</td>
</tr>
<tr>
<td>Features</td>
<td>16</td>
</tr>
<tr>
<td>Activities</td>
<td>27</td>
</tr>
<tr>
<td>Advertisers</td>
<td>41</td>
</tr>
<tr>
<td>Alumni Directory</td>
<td>54</td>
</tr>
</tbody>
</table>
In 1957, shortly after Owens-Illinois acquired National Container Corporation, Mr. Nielsen was named woodlands manager, eastern region. He was transferred to Jacksonville, Florida, in 1959 and named staff assistant, southern woodlands. Among his assignments were supervision of road construction and timber inventory on Owens-Illinois holdings in the Bahama Islands. He continued his rise in Owens-Illinois management during the next six years as he became operations manager, Owens-Illinois of the Bahamas, Ltd., in 1960, and vice president and general manager of the Bahamas firm in 1963.

For two years during this period, the Nielsen family lived on the island of Abaco, in the Bahamas, until Mrs. Nielsen and their children moved to West Palm Beach, Florida, in the interest of their children’s education.

The family moved again to Jacksonville when Mr. Nielsen became general manager, woodlands, in 1966. Mr. Nielsen was transferred to the Toledo home office of Owens-Illinois in 1967, and the family now resides at Sylvania, Ohio, not far from Toledo.

Mr. and Mrs. Nielsen have three children, Bruce, 19, Charlene, 16, and Gunnar, who was born last March.

Charles P. Nielsen has combined the ingredients of a Michigan Tech forestry degree, ability, and hard work to develop a career of achievement and success. The Forester extends congratulations to Mr. Nielsen as he guides the future of this important segment of America’s industrial forests.
Department of Forestry
Dr. GENE A. HESTERBERG, Professor and Head  
B.S., Purdue Univ., M.S., Ph.D., Univ. of Michigan

C. R. CROWTHER  
Assoc. Professor  
B.S., M.S., Iowa State Univ.

H. M. STEINHILB, Professor  
B.S., Michigan Tech. Univ.  
M.S., Michigan State Univ.

VERNON W. JOHNSON, Professor  
B.S., M.S., Syracuse Univ.

DR. PAUL S. JOHNSON  
Asst. Professor  
B.S., M.S., Univ. of Montana  
Ph.D., Michigan State Univ.
DR. LAWRENCE RAKESTRAW, Professor
B.A., M.A., Univ. of Wisconsin
Ph.D., Univ. of Washington

WILLIAM W. MOSCHLER, JR., Instructor
B.S., M.S., Virginia
Polytechnic Institute

ROBERT L. SAJDAK, Instructor
B.S., Michigan Tech Univ.
Univ. of Minnesota
Michigan State Univ.

DR. NORMAN F. SLOAN
Asst. Professor
B.S., Michigan Tech Univ.
M.S., Ph.D., Univ. of Wisconsin

WILLIAM R. WYND, Asst.
Professor
B.S., Oklahoma State U.
M.S., Auburn Univ.
M.BA., Michigan State U.
Faculty members engrossed in coffee research.

Mr. Sajdak inspecting an aspen regeneration project in the greenhouse.

Mr. Moschler sectioning wood samples with a microtome.

Our fine departmental secretary, Miss Judy Wuebben.
One distinctive element in a free society is the ease with which change may come about. The theme of change — substituting, taking place of, alternating, giving and taking, exchanging — is a very significant part of our daily lives. In business, change often comes as the result of fertile thinking, telling the results of planning, looking ahead, designing. For it is often as a result of change that we make important advances in society and in our daily lives.

Michigan Tech took a giant step forward when it brought on the changes that permitted us to perfect plans for the new forestry building. This was a change of the first order and our entire faculty share in the benefits as do each of our students. The favorable influences of changing buildings have already been observed. I notice a lot more lights burning late at night now. We know the new building is used intensively — more change is in process. Change is a common element to a vigorous unit. The very fact that we now dedicate this annual to our alumni is an example of change.

There has been change within our teaching staff. There is an old Chinese proverb: "Behind every able man there are always other very able men" and I use this to tell of the depth in education, experience, and personality which comprise our present forestry faculty. New men have been added — young minds with the advantages of vigor, broader concepts, greater horizons. Our forestry faculty provide the glue by which a great many of the obvious changes of form, curriculum, and teaching pattern develop within the academic department. They set the mode for our entire operation and lend it direction and energy for more change.

There has been much change in forestry at Michigan Tech these past several years and there are destined to be important changes in the making. One of the significant changes was to draw all Tech’s forestry units together. Today we share our new quarters with the Institute of Wood Research — two units under one roof. Just across the property line to the south stands the new U.S. Forest Service, Forest Engineering Laboratory — close neighbors for improved, cooperative research. The staff of the Ford Forestry Center has an office with us and we often see Jim Meteer or Steve Shetron when they are on campus — better exchange of ideas, closer ties with the Center Staff.

President Smith has studied, in depth, a plan to reorganize all of the University functions. One key in this important change will be to combine all our units into a School of Forestry and when this organization change occurs, there will be extra dividends galore.

Increased productivity, sharply increased forest land values, rising stumpage prices, and increased real estate taxes bring about major changes in our foresters’ responsibilities. Tech’s forestry curriculum is changing to educate our lads in the use of new devices, principles, techniques, computers and other modern approaches in decision making and research. Curriculum changes now require more math for our foresters, new equipment has replaced old, improved teaching innovations have been implemented. We have changed a lot in these past several years, yet the basic architecture of our program remains constant — to develop the personality of the individual and the significance of his life to himself and the society in which he lives.
Forestry Graduate Program
by Bill Oswald

Tech's newest graduate program offers a variety of research opportunities in the field of Forestry. With the competent guidance of the forestry faculty and the additional backing of other academic departments, a broad range of interests and problems may be investigated.

The thesis terminating research, be it in ecology, game management, watershed, wood technology, forest management, or other, earns the qualified student a Master of Science degree in Forestry. Because this advanced degree is in Forestry, not a related option, a background in basic forestry is required for acceptance.

Although the general applicant has a B.S. in Forestry, provisions have been made to accommodate those who hold a baccalaureate degree in some other field. Departmental requirements dictate that the individual must exhibit an adequate background in the areas of dendrology, management, biometrics, and silvics. This may be done with a scheduled examination. Failure to produce such evidence requires the scheduling of the above mentioned 16 hours in addition to 45 hours of specific more advanced course work. Thus, the 61 non-credit hours of undergraduate courses strengthen the non-forester's background which can then be broadened with 45 credit hours of graduate study.

The rather rigid background requirements are intended to uphold and strengthen the integrity of the forestry profession and maintain the quality and caliber of the student graduating from the Forestry Department, as well as Michigan Tech.

Kisabeth Takes High Post in Idaho

Fred A. Kisabeth, '58, has been named Director, Forestry Operations, in the Idaho Department of Public Lands. The appointment was effective in June, 1967.

Mr. Kisabeth formerly held the position of area forester for the Clearwater Supervisory Area, with headquarters at Orofino, Idaho. He now is located at Boise.

His present responsibilities include supervision and direction of all field operations for the forestry and fire functions of the Department. He has been employed by the Idaho state forestry division since his graduation from Michigan Tech.

Donald D. Jones, '57, also received a promotion in the Idaho organization last year. He was named division chief, timber management, and is located at Coeur d’Alene. Previously he had been district forester at Sandpoint.
FREDRICK E. BRENNER
Sylvania, Ohio
Varsity Wrestling.

DENNIS M. BUCKOVETZ
Ironwood, Michigan
Intramurals, Flying Club, Copper Country Memorial Scholarship.

JOHN M. BUGGE
Dollar Bay, Michigan
Forestry Club — Publications Comm., Intramurals.

Seniors

FRANK BUNK, JR.
Detroit, Michigan

JAMES A. DUGHIE
Marinette, Wisconsin
Forestry Club.

MICHAEL T. EASTLAKE
Cincinnati, Ohio
Varsity Football, Varsity Track, Varsity Club.
LLOYD F. GODELL  
South Range, Michigan  
Forestry Club.

MELVIN B. HENDRICKSON  
Winona, Michigan  
Forestry Club, AFRORC Sabre Jets Drill Team, Student Manager Football Team, Honors Convocation, MHEAA Scholarship, Arthur J. Dow Forest Products Scholarship.

RONALD L. HENINGER  
Waukegan, Illinois  
Forestry Club — Conclave Team.

JAMES HEBNER  
Dollar Bay, Michigan  
Forestry Club, Independents Assoc.

THOMAS L. KELLEY  
Muskegon, Michigan  

DENNIS M. LAMB  
Tisdale, Sask., Canada  
Forestry Club.
DAVID A. LAMPINEN
Houghton, Michigan
Forestry Club.

EDWARD T. LINJALA
Rock, Michigan
Forestry Club — 2 yrs., Sigma Rho Fraternity — Athletic Chairman, MHEA Scholarship, Dean's List.

JON E. MYERS
Charlotte, Michigan

ALAN G. NEWMAN
Doylestown, Ohio
Forestry Club — Conclave Team, AFROTC, Arnold Air Society — Comptroller, WHA, Student Council Alt., Liaison Comm. for Academic Affairs, Intramurals, Dean’s List '65-'66, Phi Eta Sigma.

THOMAS V. PAKULA
Stambaugh, Michigan
Forestry Club, Chi Rho Fraternity, Intramurals.

MICHAEL R. PERAMAKI
Munising, Michigan
Forestry Club — Otter River Camp Comm., Intramurals.
JONATHAN E. POLECHECK  
White Pine, Michigan  
Forestry Dept. Student Asst., Biology Dept.  
Taxidermist, Photography Club, Arthur J. Dow Scholarship.

BRIAN J. RODDEN  
Dearborn, Michigan  
Forestry Club, Intramurals.

LARRY S. STRECKER  
Sand Lake, Michigan  
Forestry Club — Chief Forester and Treasurer  
— Conclave Team — Big Brother Day Camp, Varsity Wrestling — Co-Captain 2 yrs., Intramurals, Blue Key National Honor Fraternity.

KEVIN P. TREPTOW  
Cambria, Wisconsin  

WILLIAM G. YPSILANTIS  
Calumet, Michigan  
Phi Kappa Phi Honor Society.
Features
The construction of a building like the new Forestry-Institute of Wood Research building, which now graces Tech's upper campus, resembles the proverbial iceberg — most of the work involved is not visible. How this structure came into being is a story of dedication, perseverance, and hard work, plus a fortunate modicum of fate.

The effort required to bring to fruition this undertaking, briefly outlined here, serves as an indicator of the task involved in keeping Tech on the move. In recent years, several other new buildings have taken form on the Houghton campus: Fisher Hall, the Library, Chemistry-Biological Sciences, Coed Residence Complex, Daniell Heights Additions 1 and 2, and the new Administration Building now under construction. Each of these required efforts comparable to or greater than those devoted to the new Forestry complex.

Initiation of the Project

The preliminaries to construction of a new building at Michigan Tech date back several years prior to the ground-breaking ceremonies. The idea for a new forestry building took on an added dimension when the Society of American Foresters in 1962 chose to withdraw Tech's accreditation, largely because of what it considered the inadequacies of old Hubbell School.

Earliest efforts to obtain better quarters were made during the presidency of Dr. J. R. Van Pelt. Initially a plan was considered to house the Institute of Wood Research and Department of Forestry in a refurbished Hubbell Hall. However, a study by the State Building Division in 1960 listed this proposal as the least desirable of various choices. In 1963, it was recommended that the two units be housed in one facility, and this was requested in the 1964-65 budget. Funds for construction were not available and action on the project was postponed for the time.

A small but vital step was taken the next year, however, when Public Act 273 of the State of Michigan in 1964 appropriated funds for preliminary planning documents for the Forestry-IWR building. This constituted the opening wedge which prepared the way for later successes.

When Dr. Raymond L. Smith became president of Michigan Tech in 1965, he was well aware of the substandard facilities of Hubbell School, the spirited and active forestry student body, and the need for
renewed accreditation for the Department. Consequently, Dr. Smith immediately asked for and received from the Board of Control approval to move ahead promptly in seeking funds for construction of the new building.

The same winter, Dr. Hesterberg traveled to Washington, D.C., seeking matching funds from federal agencies and to explore other sources of money that could serve as cost-sharing in the construction. Professor Leland Hooker of the Institute of Wood Research also visited the Department of Commerce in Washington requesting funds to offset certain costs of the I.W.R. section of the proposed building. These visits were instrumental in securing funds which helped to smooth the path for approval of construction appropriations by the State Legislature.

About the same time, plans of the State Highway Department for rerouting U.S. 41 through the campus area came to light. The proposed alteration called for routing of the highway directly through the Hubbell School site. This plan, which subsequently has been adopted and soon will be implemented, sealed the doom of the existing Forestry Department quarters and made a move unavoidable. Thus, fate added a compelling boost to the hopes and plans which were underway.

This combination of circumstances and efforts from several quarters resulted in approval in 1965 of funds to begin construction of the building. The dream was about to become reality!

Choosing the Site

During the same time, another problem had been developing, which affected the site for the new building. The Institute of Wood Research and the U.S. Forest Service had agreed on sites about a mile from the main campus for facilities which would house each of their units. At that time, the Institute proposed to construct a building separate from the academic Department.

Gene, however, favored drawing all the forestry-related units into a single complex on contiguous sites. Since the academic Department must be situated close to the main campus, the proximity could not be achieved on the site then being considered by the Institute of Wood Research.

"We had to be within ten minutes' walking distance of the main campus," Gene said, and the parcel of land adjoining Seventh Street and Upland Road was nicely within these limits. Also, the tract of University-owned land was large enough to accommodate all of the three units. In addition there was room to the west for expansion of facilities as the need arose.

Although the new site required a new lease for the Forest Service laboratory to be prepared, it was agreed that all forestry-related units of the University, and the Forest Engineering Laboratory, would be best served in the new place. This site, although presenting problems of slope and bedrock (subsequently

Winter scene of the front entrance showing the "bridge" that utilizes the terrain features.
turned to advantage by ingenious architecture), locates our building little more than a block from the Memorial Union, the Library, Fisher Hall, and Wadsworth Hall. The housing of the academic Department and the Institute of Wood Research in a single structure, with the Forest Engineering Laboratory on an adjacent site, maximizes the opportunity for coordination of effort.

Planning, Planning, Planning

After approval of planning funds and selection of the site, actual planning of the building could begin. Professor G. A. Hellman, Director of Physical Plant at Michigan Tech, coordinated the preparation of the building program, which answered questions such as: How many laboratories? What size lecture rooms? What kind of utilities are needed? His report covered a multiplicity of such matters.

One of the key features of the long and tiring planning sessions was the friendly manner in which teamwork was developed among all those involved. President Smith and Controller E. J. Townsend often passed judgement when they could attend the meetings, but the hard core group was Director Hellman and Mr. Leo Archambeau of Physical Plant, Dr. Hereford Garland and Professor Leland Hooker of the Institute of Wood Research, and Professor Vernon Johnson and Dr. Hesterberg of the Forestry Department. Later, as detailed planning progressed, Plant Engineer Jack Mills and Planner E. E. Foco also became involved in the project.

Considerable contact was made between the University, the architects, the engineers, and the Department of Administration represented by the Building and Budget Divisions in Lansing. These meetings, coordinated by Physical Plant, resolved many problems such as those dealing with space, equipment, site development, materials and total project cost.

"I don't know what there is about duck hunters," Gene remarked, "but we were blessed with this uncommon ingredient when they selected our architect." "Chuck" MacMahon of Tarapata-MacMahon, turned out to be a died-in-the-wool duck hunter as well as an experienced and far-sighted professional in building design. Mr. MacMahon took keen interest in this project from the start and quickly formed in his mind the pattern and style of building we wanted.

With the site across Upland Road from St. Albert the Great Chapel, it seemed desirable to coordinate the design of the Forestry Building with this attractive structure. Gene arranged for a visit to the chapel on one of Mr. MacMahon's first inspections of the site. The architect stood on the west porch as he observed the timbered tract of short finger ridges sloping toward the lower campus, and formed his ideas for the

(Continued on page 37)
Chief Cliff Dedicates Forestry Complex

Edward P. Cliff, Chief of the United States Forest Service, summed up the situation when he said, "Michigan Tech is where the action is!"

Mr. Cliff delivered the principal address at the dedication ceremonies for the new forestry complex on October 14, 1967. It was a proud day for forestry at Michigan Tech. In addition to Chief Cliff, many other outstanding public officials and eminent persons were present for the observance. These included United States Senator Philip A. Hart of Michigan, Congressman Philip E. Ruppe of the 11th District of Michigan, State Senators Garland Lane, Joseph Mack and Thomas Schweigert, and State Representative Russell Hellman.

Others taking part in the event were Leland Hooker of Houghton, representing Governor George Romney, Dr. David B. King, Director of the North Central Forest Experiment Station at St. Paul, Minnesota, Kenneth Huddleston of Madison, Wisconsin, Executive Secretary of the Forest Products Research Society, and Thomas Angeli of Iron River, Upper Peninsula representative for the Economic Development Administration.

Addressing an audience of several hundred persons assembled in the pilot plant facility of the Forestry-Institute of Wood Research Building, Chief Cliff said, "What we see and dedicate today really began more than 30 years ago with the establishment of a forestry program here at Michigan Tech. The history of this program, coupled with the establishment of the Institute of Wood Research in 1947 and acquisi-
tion of the Ford Forestry Center at Alberta in 1955, is one of the reasons we took advantage of the opportunity to locate on the Michigan Tech campus the first of five forest engineering laboratories.

Singled out for special recognition for their efforts in securing the necessary funds for the new complex were U.S. Senator Hart and State Senator Lane.

President Raymond L. Smith of Michigan Tech presided at the ceremonies, offered welcoming comments and introduced the speakers and honored guests.

At the conclusion of the program, large ceremonial keys fashioned of hard maple were presented to Dr. Hereford Garland, Director of the Institute of Wood Research, John Erickson, Project Leader of the Forest Engineering Laboratory, and Professor Vernon Johnson of the Department of Forestry, representing Dr. Gene Hesterberg who was unable to attend the ceremonies.

The program also included music by the Michigan Tech Band, directed by Donald P. Keranen.

Following the formal program, a luncheon was served in the Forestry Building. Throughout the remainder of the day, an open house provided an opportunity for the many well-wishers to inspect the new facilities of the forestry complex.
Above, left: Entrance and walkway below faculty office section.
Above, right: Laboratory wing, left, and office section; rear entrance canopy in foreground.

Here and There About the New Forestry Building

Left: Stairway as seen from west entry.

Below: The large classroom, seating capacity 160. Room can be divided into two 80-seat classrooms. Building also includes four 40-seat classrooms.
Above: The Snif and Whittle Club, alias wood technology lab.

Above, right: Jon Myers bones up on his wood specimens so he can ace out another hand-lens quiz.

Prof. Steinhilb instructs his students in photogrammetry, or the art of seeing double without really trying.

The Institute of Wood Technology wing of the new Forestry Building; pilot plant section, left.
Institute of Wood Research

The past accomplishments of Michigan Tech's Institute of Wood Research research staff have been realized without benefit of adequate space or equipment. The staff is now activating a new, specially designed laboratory and pilot plant building shared with the Department of Forestry and located adjacent to the new Forest Engineering Laboratory of the U.S. Forest Service. Here it is expected that a much more effective attack may be launched on the many problems involved with the extended utilization of the ever-changing, growing northern timber resource.

An important feature of the 'new look' in the program is the possibility of offering industry the means of helping itself to technological advances through sponsored research projects. This would apply both to the companies engaged in converting the northern timber to consumer products and to the industry that supplies the equipment to be used by the converting industry. Efficient use of the wood resource, and the satisfaction of consumer needs, will be based on innovation in equipment, production methods and product design. The new IWR research facility is dedicated to this objective.

A testing laboratory will have controlled humidity and temperature chambers to allow testing of wood products under different service conditions and to permit cycling of products through conditions encountered in seasonal variations. Using such test procedures, more serviceable wood products can be designed. At the present time, designs of improved wood flooring are being tested.

A universal testing machine with special tools, jigs and fixtures is available for testing physical and mechanical properties of wood, wood products and wood assemblies.

Gluing equipment includes a hydraulic press capable of applying several hundred pounds per square inch on an 18 inch square platen. This may be used in combination with a high frequency electric generator as a heat source for investigations involving board products and various glue joint applications.

A complete line of lumber processing equipment in the pilot plant is used for studying industrial operations. Yields from lumber in dimension stock for specific products can be determined with this equipment.

Specific work areas in the pilot plant are designated for product development and machine development.

Other special purpose rooms in the IWR building include a small chemical research laboratory, a computations and drafting room and a library with a large collection of reference material to aid in conducting the IWR research program and to help in problem solving for the wood industries.

The research staff is available for consultation with wood industry management and production personnel on technical problems. This new facility is dedicated to the solution of industrial problems of wood technology and production.
The Ford Forestry Center is continuing to make meaningful contributions in areas of forestry and forest management research. During the past ten years the Center has installed a number of experimental cuttings in the northern hardwood forest for the purpose of studying the effects of various intensities of partial cuttings. Analysis of growth and changes that have occurred during this interval of time resulted in two publications, while others are in the process of analysis. Many of these studies will be ready for a second harvest this year. Yellow birch regeneration studies have been installed in the Center’s Randall Research Forest north of Champion. Regeneration of yellow birch has been a major problem in the management of northern hardwoods. Through the installation of several silvicultural treatments, along with scarification, we hope to be able to test the resultant effectiveness in the regeneration of yellow birch. Through proper silvicultural treatment an attempt will be made to maintain the 32% yellow birch volume of the original stand. In addition, jack pine direct seeding studies have been initiated on the Baraga Plains using various methods of sowing and site preparation. This is a timely study because large portions of the Plains are suffering from heavy infestations of the jack pine Budworm, with the result that many portions of the stand will require a salvage cutting and subsequent regeneration.

Investigations into soil-site problems at the Ford Forestry Center have expanded from developing productivity data for northern hardwoods by soil taxonomic units based on continuous forest inventory plot data, to soil physical and chemical property studies and their effect on tree growth. A Forestry Department graduate student has begun research into the nutritional status of sugar maple on selected soil taxonomic units. This study is supported by a fellowship from Connor Forest Industries and is an important first step in developing fertilizer specifications for forest trees. Another graduate student is working with Prof. Shertron on a research project involving the revegetation of tailings at the Cleveland Cliffs Iron Company’s mine near Republic, Michigan. Other studies include stem analysis and specific gravity determination of sugar maple, and soil physical and chemical properties related to jack pine growth.

The Center is continuing work on the application of computer techniques in data analysis and problem solving in forest management and mensuration. Prof. Jim Meteer has been leading the way in this effort. Examples are computer programs for standardized analysis of continuous forest inventory data and for the evaluation of hardwood tree values. The tree value studies are based on log and tree grades and include pioneering efforts in tree value growth. The standard CFI program has been a large project requiring help from Cal Stott, now retired from the U.S. Forest Service; as well as the MTU Math Department and Computer Center. A number of companies have come to the Center for use of the programs and help in analysis of CFI projects; thus, we are gaining a recognition as regional and national leaders in this field.

Thus, endowed by sound data collecting and research application techniques initiated more than twelve years ago, the Center is in a fine position to add to the growing body of knowledge in the field of forestry research.
Along with the Forestry Department, the big news this year is new facilities. The main building of the new Forest Engineering Laboratory provides specialized laboratory space for engineering design and instrumentation development along with analytical and computation equipment, photographic darkroom, a library conference room, and staff offices. Immediately adjacent to the main building is a shops building providing space for machining, welding, woodworking, model construction, vehicle assembly, and a pilot test area. Because of the close proximity to the Forestry Department and the Institute of Wood Research along with the engineering schools of Michigan Technological University, an excellent atmosphere for cooperative research is maintained.

This spirit of cooperation has been a mainstay to the objectives of the Forest Engineering program. The Mechanical Engineering Department has carried out extensive studies to determine the energy required for chipping the commonly chipped northern forest species with different chipper designs. The purpose of these investigations is to find suitable equipment and methods for remote chipping.

The Engineering Mechanics Department has studied the handling of pulp chips in small diameter pipes. This is futuristic but a possible solution to some aspect for wood transportation in other than mill locations where wood is now transported short distances in very large pneumatic lines.

The Forestry Department is studying the weights and locations of center of gravity for full trees and tree length logs for the commonly harvested, northern forest species. In conjunction with this study, the Engineering Mechanics Department is developing a programmed analysis of dynamic and static forces in handling these trees and tree-length stems. Industry will use this information to design new equipment with greater reliability than is now possible. These are just some of the interests which have developed from the cooperative spirit between the Forest Engineering Lab and Michigan Tech; interests which are concentrating efforts to solve problems in the timber industry.
Activities
Top Forestry Club personnel during the 1967-68 school year were, left to right, Dr. Norman Sloan, advisor; Tom Oldfield, secretary; Larry Strecker, chief forester; Doug Drake, assistant chief forester; and Tom Lowell, treasurer.
The 1968 Forester Staff takes pride in presenting the fruit of a year’s labor, the 1968 Michigan Tech Forester.

The Forester has perhaps a dual significance for Michigan Tech foresters. The first function is to record and elaborate upon the events and activities of the Michigan Tech Forestry Club, an organization we feel to be the most dynamic of its kind on campus. The second and perhaps broader function is to pass on the record of these club activities plus departmental and professional features to all Tech foresters, whether undergraduate or alumni. Thus, the Forester becomes a link between Michigan Tech foresters, reminding them of their common background. In this respect, the Forester is unique among campus publications.

The Forester staff this year was fortunately blessed with many enthusiastic and able hands, some of which will be returning next year and a number of which will be sadly missed. This year’s annual was more than anything else a concerted group effort, with each staff member willingly contributing. A group effort can be sadly wasted, however, if not directed in the correct channels, and we owe a well-deserved vote of thanks to our advisor, C. Richard Crowther, for providing such direction.
Who's gone ape over Summer Camp?

Somewhere along the line in FR205, word got out that Summer Camp for 1967 would not be held at Alberta and the Ford Forestry Center, but rather on the Houghton campus of Michigan Tech. Just what the reaction to this, from most of the Tech Foresters, will not be gone into detail in this article. Numerous problems were created by this move, including those of individual housing, lack of space for Conclave practice, and of course where to hold the ice-cream socials. On the whole, though, the advantages outnumbered the inconveniences. Hubbell School provided adequate, if antiquated, classroom space, and the seating capacity of the new Yellow Streak provided plenty of elbow-room on the daily field trips. For what it’s worth, there were plenty of females around, too.

Course material wasn’t lacking due to the change in location, as “the dumbest bunch of guys ever to show their faces in Summer Camp” soon found out. Compass-and-pacing wasn’t too bad, if you wore water-wings (or hip-boots). Team teaching, the latest thing among education intelligencia, threw a few of us in scaling and grading, but the tours of the mills were interesting. There was one speechless Toot when the Biltmore sticks were called up prior to timber cruising. Surveying opened with the traditional double check of the telescope in transit work, and continued with some really fine work on the Tech baseball diamonds. After out-fudging the Civils in levelling, everyone put their knowledge to use in preparing topos of the Forestry Department’s Experimental Cow-pasture. Finally, it probably came as a great surprise to Father McGee — though probably not to Herman Gunlach — to learn that one side of the St. Albert’s sanctuary was 20 feet longer than the other, from some planimetric maps made of the area.
Camp '67

by Zig the Twig

Neither was tradition entirely uprooted during the Summer of 1967. A couple of good so­cials were held, as they always will be, and in between, the characteristics of human nature showed themselves as numerous as always. The consequences of a bear’s appearance on the power-line road, a little heart-rot that wouldn’t even deduct (after 6 feet of it was stuffed with a 2 x 4), rapid surveying and cruising techniques, rain, the emotional torment of getting the Streak over every hill, every rain dance, fire index checks, grossness, the timber trespass location map everyone knew about, many feet of calculator tape in the basement of the Beta Sig house, various contents of Ros Miller’s lunchbox, The Great Time Change, that final ‘A’ in Group Games, all these and more kept Summer Camp alive, real, and helped transport education from textbooks into minds.

Now, in case you happen to see a bear —
Big Brother Day
by Larry Strecker

On the seventh of October, a Saturday afternoon, the new freshman students especially were invited out to the Otter River Camp to get acquainted with the older students and upper classmen in the Forestry Department. It was also the day for try-outs for attending the 1967 Midwestern Forester’s Conclave which was to be held the following weekend at Southern Illinois University in Carbondale, Ill.

The majority of the students did not get out to go to the camp until after lunch, although some left early in the morning to get in some trap shooting before the events started right after lunch. The bus left campus right after lunch to provide students with transportation that did not have any and also those students who had Saturday morning classes. There were about seventy students out to Big Brother Day.

After the usual two or three trips to get the right saws and all the needed equipment, the events got under way. While the professors in charge of the time consuming events, such as dendrology and the traverse problem, got started immediately, the events of the more physical nature began. It was the usual blistered and bloodied hands on the chopping, two-man bucking, and the one-man bucking events. There was also the usual and quick observance of the lack of physical conditioning, although I believe everyone was able to keep down their lunch. As for the match splitting event, the majority of the masculine foresters were shown the skill and the craftmanship of the event by the two feminine additions to the department. The chain throw went over quite well through the practice of the summer camp students, and at the cost of a broken chain. The tobacco spitting event was not up to its usual status as there were not enough interested students to participate. All in all it was a successful day.

The dinner was also pretty good, especially considering the difficulty in boiling the hot dogs. The cake was also very good if you were quick enough to get a piece.

I would like to take this time to thank all the professors who helped make Big Brother Day a success by taking charge of the traverse problem, dendrology, keeping times of the events, and also taking care of the cooking.

The Forestry Club was unable to go to the 1967 Conclave mainly due to the cost of transportation down to Southern Ill. University. The cost in the past has been shared by the students; due to the distance, they were unable to pay out of their own pockets. Provisions are being made to prevent this from occurring in the future. The 1967 Conclave trophy was taken by the University of Michigan, but I’m sure it will return to the rightful owner in the 1968 Conclave!

Doggone it Drake, next time let’s cheat (with a chain saw).
Rifle Raffle
by
Dan Lemke

The Forestry Club's annual Rifle Raffle was again held last year. As the Club's biggest money making prospect of the year, much time and effort were again put in by a great many club members. But it paid off, as the club had one of its biggest raffles in history. Four prizes were given away last year, as compared with three in previous years, and this seemed to create added interest. The prizes were: 1st — Remington .308 automatic, 2nd — Michigan snowshoes, 3rd — 7 x 35 binoculars, 4th — Space Blanket.

With the success of last season's raffle, the Forestry Club looks forward to an even greater raffle in the fall of 1968.

Venison Booyaw
by
Lou Best

The annual Venison Booyaw was held in the Memorial Union cafeteria on the evening of December 5. In addition to faculty members and their wives, two guests from the U.S. Forest Service also enjoyed the venison stew; Mr. Harry Halvorson from the Regional Office in Milwaukee and Mr. Mike Kageorge, Supervisor of the Ottawa National Forest.

After dinner, guest speaker Bill Ruth, former seasonal ranger at Mount McKinley National Park, Alaska, presented a fine program on Alaska complete with a number of beautiful slides.

This evening of companionship was enjoyed by everyone present and we all walked away a little taller, proud of our part in managing and maintaining the forest.
Winter Carnival 1968

by Doug Drake

After a strong showing in our debut in Class B last year, the club members were determined to be stronger this year. It seems however, the judges disagreed with our efforts in statue building and the effort failed to materialize in the special events.

The club members were extremely proud, as well they should be for their fine effort in their statue depicting "The Absent Minded Professor," beckoning to "Join Us To See Sights In Ice." This followed very appropriately the Winter Carnival theme this year, which was "Walt Disney's Sights In Ice." A lot of community effort was shown in the construction of the statue. Inasmuch as there was a heat wave at this time, a united effort was required to complete the statue.
The only bright spot for the Foresters in special events was snowshoeing. The relay team consisting of Phil Sworden, Tom Lowell, and Doug Drake placed second. In crosscountry "Shoeing," the team of Pete Squibb, Tom Lowell, and Doug Drake took a first. This combined effort gave us an overall first in showshoeing and the only three points earned by the Foresters.

Broomball proved to be frustrating for the Foresters as they went down in defeat 1-0, losing to DHH. Joe Mincer, Jeff Steiger, Lou Best, Pete Squibb, Tom Lowell, Phil Sworden, and Doug Drake played for the Foresters. The Foresters did not have participants in any other special events. Although disappointed by their showing this year, the fighting spirit of the Foresters won't allow them to be held at bay next year.
I would like everyone that is still at Michigan Technological University in Forestry to go to the building and look at the trophy table in the main hall. You will notice that these trophies are not of recent years, but of years gone by. These are a tribute to true proud Foresters who joined the Forestry Club and made it a proud organization. The organization was strong and when someone else read the name Forestry Club, they took notice. But within the last four or five years, the Forestry Club has not shown much strength in anything. Last year we came in tenth in overall standings, not only to nearly all the fraternities, but to a few dorm halls as well. This shows our "extreme" strength.

In annuals of the past, wins were listed and some of the team’s records. But there is only one team that deserves mention this year. Our "A" hockey team had only one loss during regular season play. These men headed by Lou Best did a fine job and deserve much credit. This is where the congratulating ends and sadness begins.

Even though turn-out for some sports was good, it did not continue. As the season moved on, our teams became smaller and less effective. I feel that we should do our best to raise the Foresters’ name back to its old, proud, rugged position. One good way is to start building our Intramural Program.

I would like to thank those members who did help win our few victories. These members helped keep the Foresters’ name at least represented.

Phillip Sworden

Quick action by the defensivemen and goalie prevents the other team from scoring.

Once upon a time . . .
new forestry structure. St. Albert the Great combines native stone with the beautiful use of wood, forming a delightful and impressive edifice. Certainly the new Forestry Building complements the chapel architecturally.

The ultimate design of our building, however, did not emerge full-blown through a sudden inspiration. In fact, the process involved six complete sets of plans before agreement was reached by all parties. But the result was well worth the effort, as can be seen in the photographs which appear in this volume. Full appreciation of its design and adaptation to the site, however, cannot be gained without a visit to the building itself.

If Frank Lloyd Wright could see the new Forestry-Institute of Wood Research Building at Michigan Tech, surely he would place his stamp of approval to its siting, design, and construction.

Construction and Completion

Ground-breaking ceremonies were held on May 7, 1966, with the Mattila Construction Company as general contractor. Construction progressed essentially on schedule, and the building was ready for occupancy by September, 1967. The dedication ceremonies took place on October 14, 1967, with participation by many officials and attendance of hundreds of well-wishers.

The Department's section of the building totals 22,500 square feet of floor space. There are five classrooms, having capacities of 40 to 160 students. The largest room can be divided to form two separate rooms. Most of the classrooms have projection screens and can be darkened.

Seven excellently equipped laboratories are designed for the following uses: Forest measurements, forest biology, wood technology, photogrammetry and graphics, soils, dendrology, and graduate research. A splendid greenhouse-headhouse unit adjoins the soils laboratory. The building also houses a conference room, administrative offices, and seven faculty offices.

The Institute of Wood Research is housed in a wing which contains a processing and testing laboratory, pilot plant for lumber utilization and machine development, lumber storage room, tool room, two controlled humidity rooms, library, computations room, administrative offices, and seven research offices.

Cost of the building was met by appropriations from the Michigan Legislature totaling $862,450, a grant of $223,000 from the federal Public Works and Economic Development Fund to assist in financing the Institute of Wood Research, and another federal grant of $334,000 through the Higher Education Facilities Act.

With these facilities, Michigan Tech assumes a leading position among institutions in the fields of forestry education and forest utilization research.

Henry Holman and Ralph Bergh with an 83 pound catch of lake trout taken in Isle Royale waters. The largest trout (second from the left) weighed 221/2 pounds. Although this catch was made on Isle Royale, the fishing for lake trout and Coho salmon is excellent in Keweenaw Bay . . .
Spring Field Day

by Don Schwandt

On May 30, 1968 the Forestry Club held its first annual Spring Field day in a number of years. We had a beautiful day for it and everyone had a good time.

The day's festivities started with a canoe race on the Otter River. All the guys participating really put their hearts into the job at hand, making it a thrilling, and sometimes humorous (Terry Ralph Lane), event. The race was followed by a delicious meal consisting of hot dogs, beans, and Dr. Sloan's famous unsalted potato salad. After the meal everyone was anxious for excitement so the events were continued.

A large proportion of the fellows gathered on the island for tree climbing; while about five or six work enthusiasts went in search of a log for burling. The climbers showed their satisfaction, after successfully conquering the elm, with a smile. The log searchers, however, made a spectacle of their success by riding the log down stream to its destination. It is their wish that I inform you of the extreme lack of warmth found in the Otter.
Once the log was in place, a few of the fellows defied better judgement by entering in the log burling event. No one proved very proficient at this contest but it served as an excellent conversation topic for the scientific minded observers. They marveled at the capability of human skin to turn blue when rapidly chilled.

So ended the Forestry Club's Spring Field day. The crowd, all of them joyous, left with mixed feelings. Fifty per cent reminisced over the good time they just had, while the other half had nothing but visions of a hot shower and dry clothes upon returning home. Yes, the field day was a success.

The Bucks at work.

New Bridge, Island Cleanup at Camp

Much work at the Otter River Camp was accomplished during the spring by these members of the Forestry Club, who built a fine new suspension bridge across the Otter River, and brushing out the island on the camp property. Working on the bridge are, from left, Jim Ziegler, Don Schwandt, Tom Cain and Ron Studer. Below, Jim and Tom pose with their trusty brush hooks. Terry Lane, not pictured, also helped.
New Timber Producers Scholarships

The Michigan-Wisconsin Timber Producers Association this year awarded Michigan Tech a gift of $600 to support two new undergraduate forestry scholarships. The two $300 awards for the 1968-69 year were made to Daniel W. Kretz of Antigo, Wis. (left) and Edward J. DePuit of Wyoming, Mich., shown here with Dr. Hesterberg. Both are juniors in forestry, and attended forestry summer school during the past summer.

In making this gift, the Board of Directors of the Michigan-Wisconsin Timber Producers Association indicated that it was to be used to recognize forestry students especially interested in the business of forestry. The two recipients were selected for their academic progress and leadership.

Dr. Hesterberg said, "If we can attract capable young people with a keen interest in forestry and with the proper combination of civic leadership, good judgement and scholarly attitude, Michigan Tech will continue to prepare top-notch foresters for industry and public service. We are grateful to the Timber Producers Association for this gift."

Senior Banquet

The Onigaming Supper Club was the scene of the 1968 Forestry Senior Banquet, May 21. Foresters and their wives or dates enjoyed a delicious filet mignon dinner, followed by an interesting and thought-provoking talk by Mr. Matt Laitala of Hancock, a member of the Michigan Conservation Commission. Mr. Laitala stressed the importance of forest resources in meeting man's growing needs for timber, pure water and recreation.

Visiting Scientist

Mr. John A. Beale, State Forester of Wisconsin, presented a series of talks at Michigan Tech as a participant in the Visiting Scientist program sponsored by the Society of American Foresters and the National Science Foundation. Mr. Beale’s talks concerned the integrated management of forest resources in the Great Lakes region. Since appearing at Michigan Tech, Mr. Beale has been appointed Administrator, Conservation Division, Wisconsin Department of Natural Resources.
I know I've got my top hat in here someplace

BEST WISHES TO THE
FORESTRY CLASS OF 1968

MICHAEL MESSNER
and
COMPANY

FOREST PRODUCTS

TOIVOLA, Michigan — Mill

HOUGHTON, Michigan — Office

Compliments
of

COPPER RANGE COMPANY

LANDS AND FORESTRY DIVISION
ELECTRICITY FROM TREES!

Important to the efficient operation of our hydro-electric plants is the conservation of adjacent forest lands which protect the water supply used in the production of electricity.

Upper Peninsula Power Company owns and maintains for this purpose some 50,000 acres of watershed lands which receive constant attention under our land management program. This includes the planting of about 40,000 trees annually. Also, under a multiple land use program these lands are made available for campsites and public recreation.

The application of modern forestry techniques is in the hands of our Registered, Michigan Tech graduate foresters.

Upper Peninsula Power Company

Investor-Owned Taxpaying Electric Utility
HOUGHTON BOTTLING CO., INC.

Bottlers of
Seven-Up Pepsi-Cola Hires
Dr. Pepper Nesbitt Orange

13 N. Bridge Street
Houghton, Michigan

THE DOWNTOWNER MOTEL

"Overlooking Portage Lake and the Lift Bridge"
110 Sheldon Avenue
Houghton, Michigan 49931

Electric Heat — Room Phones — Cable TV

FRED and MARY LOU MATTILA, Props.

Forests Make Floors
Permanent Forests Insure
Permanent Industry

The work of foresters, dedicated to the perpetuation of these great natural resources is a guarantee of continued employment and prosperity for thousands of fellow Americans engaged in the wood-using industries of the nation.

Hardwood Floors Make Happy Feet

HORNER FLOORING COMPANY

Dollar Bay, Michigan

FRANK A. DOUGLASS AGENCY

Insurance
Real Estate

Houghton, Michigan

J. J. NEWBERRY

Department Store

308 Sheldon Ave.

Houghton, Michigan

Munch — Munch — Munch!
Ros forgot his lunch
C'mon Ros — Eat It.
YALMER MATTILA CONTR., INC.

GENERAL CONTRACTORS

55 North Huron Street
Houghton, Michigan
Phone 482-5450

Specializing in
Commercial, Industrial and Private Construction
* Ready-Mix Concrete

Including
HURON BLACKTOP CORPORATION
Quality Blacktop For
Private and Municipal Roads
Drives and Parking Areas
For All Your Banking Needs visit the Houghton National Bank

Main Office — 600 Shelden
   Telephone 482-5500
University Branch — 1303 College
   Telephone 482-7100

Special Checking Accounts for Students

HOUGHTON NATIONAL BANK

Houghton, Michigan

Member Federal Deposit Insurance Corporation

HERMAN GUNDLACH, INC.

Since 1898

General Contractor
Building Construction
and

COPPER COUNTRY CONCRETE CORP.

Gundlach Redi-Mix Concrete

Houghton, Michigan

THE NELSON PAINT COMPANY

THREE PLANTS TO SERVE YOU
Box 349, Iron Mountain, Michigan • Box 1392, Montgomery, Alabama • Box 402, McMinnville, Oregon

It’s 8 o’clock — Time for lunch.
LATEST EQUIPMENT NOW IN OPERATION . . . BRINGING YOU THE PROGRAMS OF THE . . .

NBC TELEVISION NETWORK
via WFRV-TV, Green Bay, Wis.
and WAEO-TV, Rhinelander, Wis.

CBS TELEVISION NETWORK
via WLUC-TV, Marquette, Mich.

ABC TELEVISION NETWORK
via WLUK-TV, Green Bay, Wis.

CBC TELEVISION NETWORK
via CKPR-TV, Port Arthur, Ont., Canada

NATIONAL EDUCATIONAL TELEVISION
via WNMR-TV, Northern Michigan University

for a few cents a day enjoy 6 channel cable television!

WGN Televents, Inc.
Houghton Phone: 482-2040

610 Shelden Michigan
Forestry Graduates and Students: You are invited to join thousands of foresters and woodland operators and find “What you need — when you need it” at:

**FORESTRY SUPPLIERS, INC.**

Box 8397, 205 West Rankin Street
Jackson, Mississippi 39202

Quality Forestry, Engineering, and Industrial Supplies — SHIPPED WORLDWIDE

Best Wishes

**KEWEENAW LAND ASSOCIATION LIMITED**

IRONWOOD  —  MARQUETTE  —  CRYSTAL FALLS  —  MICHIGAN —
Our Best Wishes to the
Class of 1968

FOX CLIFFS LUMBER CO.

IRON MOUNTAIN, MICHIGAN

A GOOD PLACE
TO GET
FORESTER’S
SUPPLIES

I. E. SWIFT CO.

Houghton, Michigan
WEBER’S

2 Stores
Downtown Houghton

Sporting Goods
Sportswear
Where People Are
Just Naturally
Friendly

SUPERIOR NATIONAL BANK
and TRUST CO. of HANCOCK

Hours: 9:30 AM — 3:00 PM
Mon. — Thurs.

Friday 9:30 AM — 3:00 PM
5:00 PM — 8:00 PM

Drive In Banking — Free Parking
Full Service Branch At
Baraga, Michigan
Member F.D.I.C.

Member Federal Reserve System

QUALITY SUPER MARKETS

- FINE FOODS
- LARGE SELECTIONS
- STOREWIDE LOW PRICES
- GOLD BOND STAMPS

Stores Located in:
Calumet, Laurium, Lake Linden,
Hancock, L’Anse, Ontonagon
Compliments of

HOERNER WALDORF CORPORATION

MILL DIVISION

Ontonagon, Michigan

— Visit —

DOUGLAS HOUSE and the swinging

GAY NINETY'S ROOM

Entertainment every Thursday — Friday — and Saturday nights

IT'S A BARREL OF FUN!!!
Compliments of

ESCANABA PAPER COMPANY

— A SUBSIDIARY OF —

THE MEAD CORPORATION

Escanaba, Michigan
49829

ED HAAS & COMPANY

Suiting the men of the
Upper Peninsula since 1883

Houghton, Michigan

Everybody be back by 4:45 — The bus leaves at 4:00.
Alumni Directory

A

ACKERMANN, KARL EDWIN; 1951, 270 Riverside, Detroit, Michigan, 48215. District Supervisor, Forestry Division, Dept. of Parks and Recreation, City of Detroit.
ADAMSON, KARL THEODORE; 1966, Box 356, Watersmeet, Michigan, 49969.
AHLEBREG, RICHARD CARL; 1952, 8136 Gardner, Berkeley, Missouri, 63134.
AHO, EDWIN WILLIAM; 1949, Route 1, Box 334, Wakefield, Michigan, 49968. Field Superintendent, Connor Lumber & Land Company.
AHO, WILLIAM; 1950, 2309 Denby, Drayton Plains, Michigan, 48202. Parks Supervisor, City of Pontiac.
AKERVALL, HENRY JOHN; 1962, 476 Oliver Road, Port Arthur, Ontario, Canada. H.S. Teacher.
ANDERSON, EINAR FRED; 1948, 2161 Lincoln St., Eugene, Oregon, 97405.
ANDERSON, GARY EDWIN; 1966, Waconia, Minnesota, 55387. District Forester.
ANDERSON, JAMES THOMAS; 1950, 2321 Middleton Beach Road, Middleton, Wisconsin, 53562.
ANDERSON, KENNETH JESSE; 1940, 2153 Trenton Drive, Trenton, Michigan, 48183. Forestry Supervisor III, Wayne County Road Commission.
ARASIM, JAMES EDWARD; 1959, Mt. Hebron, California, 96066. Forester, U.S. Forest Service.
ARASIM, LEONARD JAMES; 1955, Box 212, Mio, Michigan, 48647.
ARCHER, JERRY JAY; 1952, 217 Weeks Ave., Battle Creek, Michigan, 49015. Boy Scout Executive, Boy Scouts of America.
ARDUCANT, STANLEY RAYMOND; 1955, 1110 Union, Jackson, Michigan, 49201.
ARDNT, ARTHUR MICHAEL; 1951, 16315 Kalisher Street, Granada Hills, California, 91340. Senior Deputy Forester, Los Angeles County, Forester and Fire Warden.
ARNTSSEN, GENE RUSSELL; 1965, 1767 Lake Linden Ave., Calumet, Michigan, 49913.
ARTIS, ROBERT GORDON; 1962, 33 Central Ave., Petersburgh, West Virginia, 26847.
ATKIN, JOHN HENRY; 1941, 1901 Tamarish Drive, East Lansing, Michigan, 48823.
AVERITT, JOHN C.; 1951, 3105 Shadview Lane, Wayzata, Minnesota, 55391.
AVERY, WILLIAM PAUL; 1966, 4915 Emstan Hills, Racine, Wisconsin, 53406.

B

BABBONI, ALAN JOSEPH; 1962, P.O. Box 1045, Ketchikan, Alaska, 99901.
BACKMAN, SVEN REINHOLT; 1963, Box 213, Dollar Bay, Michigan, 49922. Wholesale Distributor, self-employed.
BAHRMAN, ROBERT GENE; 1941, Rt. 2 Box 658R, Gaylord, Michigan, 49735. Woodlands Manager, U.S. Plywood — Champion Papers, Inc. Gaylord Division.
BAKER, RUSSEL HALL; 1957, 1722 Hamilton Drive, Macon, Georgia, 31201. Wood Procurement Manager, Georgia Timberlands Inc.
BALCERAK, ROLAND STANLEY; 1963, Rt. 3 Box 82, Rapid River, Michigan, 49878. T.M. Staff Forester, U.S. Forest Service.
BALL, WILLIAM JAMES; 1965, Sandspit, Queen Charlotte Islands, British Columbia, Canada. Crown Zellerbach Canada Ltd.
BALMER, WILLIAM EARLE; 1949, 3682 Sexton Woods Dr., Chamblee, Georgia, 30005. Forester, State and Private Forestry, U.S. Forest Service.
BALSIGER, JAMES WALTER; 1966, 2039 Harrison Hall, W. Lafayette, Indiana, 47906.
BARBERI, JOHN GILICK; 1953, 6026 Osage Avenue, Downers Grove, Illinois, 60515. Engineer, Frank Novotny & Associates.
BARDEN, LYLE WILFRED; 1949, 102 Colorado, Alpena, Michigan, 49707.
BARTOSZEK, ANTHONY BONA; 1949, 6414 Riley, Overland Park, Kansas, 66200. Operating Engineer, Panhandle Eastern Pipe Line Company.
BARTSCH, GARY CLINTON; 1965, 22466 Maple, Farmington, Michigan, 48024.
BASTIAN, JAY WESTCOTT; 1954, 10928 Countryside Drive, Grand Ledge, Michigan, 48837. Forester, Michigan Dept. of Conservation.
BATOG, LEO FRANK Jr.; 1965, 123 Fulton, Petoskey, Michigan, 49770.
BENTLEY, EVERETT JUDSON; 1940, 20 Floyd Circle, Silver Bay, Wisconsin, 55614, Land Engineer, Reserve Mining Company.
BERGH, NEWMAN HAROLD; 1941, 511 East Court, Newberry, Michigan, 49868.
BERT, WILLIAM JOHN; 1955, 123 Birch St., L’Anse, Michigan, 49946.
BETTS, JON CARLOS; 1967, 141 Riverside Drive, Mount Clemens, Michigan, 48043.
BIRD, RICHARD WILLIAM; 1957, 2061 Jackson, Eugene, Oregon, 97405. Timber Manager, Bureau of Land Management.
BIRTZ, ROBERT EARLE; 1952, 3090 Stony Point Road, Grand Island, New York, 14072. Manager, Osmose Wood Preserving Company.
BLAKE, FRANK EDWARD; 1943, 49 Sparrow Rd., Carpentersville, Illinois, 60110. Sales Agent, self-employed.
BOELTER, ALLEN H.; 1943, 6370 Fort Rd., Rt. 3, Birch Run, Michigan, 48415. Staff Forester, Utilization & Marketing, Forestry Division, Michigan Dept. of Conservation.
BOLDT, JACK GEORGE; 1962, 523 Olive St., Sausalito, California, 94965. Commercial Products Manager, Northern California, American Air Filter.
BONDE, RALPH ARNOLD; 1964, 2448 S. 18th St., Manitowoc, Wisconsin, 54220.
BOOKER, ROBERT GEORGE; 1959, Watersmeet Ranger Station, Watersmeet, Michigan, 49969.
BORAK, ROBERT ALFRED; 1952, 334 Granite St., Cadillac, Michigan, 49601. District Forest Supervisor, Michigan Dept. of Conservation.
BORDELEAU, HAROLD JOSEF; 1949, Deceased September 15, 1965.
BORSUM, ROBERT DALE; 1952, Box 245, Dollar Bay, Michigan, 49922. Insurance Agent, Frank A. Douglass Agency Inc.
BOTTI, WILLIAM BUSH; 1964, Box 84, Newberry, Michigan, 49868. Michigan Dept. of Cons.
BOURDO, ERIC A. Jr.; 1942, Ford Forestry Center, L’Anse, Michigan, 49946. Director, Ford Forestry Center, Michigan Technological University.
BOURDO, MILES WILLIAM; 1949, Rt. 3, Tomahawk, Wisconsin, 54487. Forester-Pilot, Wisconsin Conservation Dept.
BOURDOW, ROBERT THEODORE; 1951, 1232 Plumer St., Wausau, Wisconsin, 54401.

BOWMAN, STUART WARREN; 1962, Rt. 1, Wittenberg, Wisconsin, 54499. Teacher, Wittenberg Public Schools.

BRADY, LENORD FREDRICK; 1966, 915 Wisconsin Ave., Gladstone, Michigan, 49837.


BRATETICH, RUDOLPH; 1942, 3956 Wedge St., Calumet, Michigan, 49913. Social Worker, Michigan Dept. of Social Welfare.

BRAUER, JOHN RENDLE; 1965, 204 Vail Court, Midland, Michigan, 48640.

BREITZMAN, MICHAEL WALTER; 1964, 1704 Canary Cave, Brentwood, Missouri, 63144.

BRIGGS, LT. WILLIAM ALLAN; 1963, Box 20, NATTC, Nas Glymco, Georgia, Officer U.S. Navy.


BROWN, KENNETH MALCOLM; 1966, 1691 W. State St., West Lafayette, Indiana, 47906.


BRYS, LAWRENCE WILLIAM; 1966, 36077 Fierz Place, Mt. Clemens, Michigan, 48043. City Forester, City of St. Clair Shores, Michigan.

BUCKET, DAVID CHARLES; 1966, 1577 Thompson Road, Coos Bay, Oregon, 97420.

BUKWA, WAYNE; 1964, 1204 West 174, East Hazelcrest, Illinois, 60429.


BUR, DONALD EUGENE; 1955, Mtd. Rt. 42, La Crosse, Wisconsin, 54601. Forester, Wisconsin Conservation Dept.


BUTKOVICH, FRANK DONALD; 1952, 115 Hickory Lane, Menasha, Wisconsin, 54952. Field Supervisor, Osmose Company.


CALABRO, JOSEPH COSIMO; 1951, 1704 Porter St., Bessemer, Michigan, 49911. Asst. Vice President, Oceanside Properties Inc.

CANAVERA, DAVID STEPHEN; 1965, 215 Beal St., East Lansing, Michigan, 48823.

CAPUL, BIENVENIDO T. Jr.; 1967, P.O. Box 46, L'Anse, Michigan, 49946. Logging Foreman, All-Wood Inc.

CARLSON, BRUCE ROBERT; 1958, Ideal Trailer Court, Burney, California, 96013. U.S.F.S.


CARMAN, WILLIAM EARNEST; 1965, 4549 44th St., Washington, D.C., 20016.

CARR, ALBERT HOMER; 1963, Box 284, Solon Springs, Wisconsin, 54873. Assistant District Forester, Wisconsin Conservation Dept.

CARPENTER, ARTHUR VICTOR; 1962, 504 Lazier Ave., Medford, Oregon, 97501.

CARR, BERNARD W.; 1966, 130 Forest Ave., Lot 2, Orono, Maine, 04473. Graduate Assistant, University of Maine.


CHASE, RALPH LEON; 1966, P.O. Box 628, Gwinn, Michigan, 49841.

CHICK, TIMOTHY ALLAN; 1963, 12057 Westwood, Detroit, Michigan, 48228. Senior Assistant Forester, City of Detroit, Dept. of Parks & Recreation.
CIESLINSKI, THOMAS JOHN; 1963, 612 Concord Circle — Glendale, Trenton, New Jersey, 08618.


CLARK, WALTER ROGER; 1954, Box 418, Craigmont, Idaho, 83523. Logging Manager, Channel Lumber Company.

CLEGG, ALBERT GEORGE; 1953, 312 Broad St., Eaton Rapids, Michigan, 48827.


COLENSO, PETER ALBERT; 1949, Box 492, Chassell, Michigan, 49916. Agent-Salesman, Metropolitan Life Insurance Company.

CONLEY, MICHAEL LAWRENCE; 1966, Box 53, Tobin Location, Crystal Falls, Michigan, 49920. Aerial Photo Interpreter, Michigan Dept. of Conservation.


COPELAND, WILLIAM HARRY; 1965, 559th Engr. C (CBT), 171st Inf BDE (M), APO Seattle, Washington, 98731.

CORBIN, DUANE LEROY; 1949, 1416 N. Third Ave., Wausau, Wisconsin, 54401. Supt. of Parks, Wausau & Marathon County Park Commissions.


DAHL, CLIFFORD A.; 1966, Box 204, Amasa, Michigan, 49903.

DAMSTED, JOHN ARNOLD; 1966, Box 185, Pine Falls, Manitoba, Canada.

DANIELS, DR. JOHN PAUL; 1955, Box 415, St. Ignatius, Montana, 59865, Physician.

DANIELSON, CARL W.; 1940, 1213 E. 5th Ave., Houghton, Michigan, 49931. Assistant Professor, Institute of Wood Research, Michigan Technological University.


DAYNARD, RONALD ORVILLE; 1958, 8 Alice St., Toronto, Scarborough, Ontario, Canada. Dept. of Lands and Forests, Province of Ontario.

DEGENARO, DONALD LEWIS; 1964, U.S. Naval Facility, FPO New York, 09671.

DE LA MATER, JOHN CARL; 1966, 308 S. Court, Gaylord, Michigan, 49735.

DESJARDIN, JOSEPH GORGAN; 1958, Prospect, Oregon, 97536. Project Forester, U.S. Forest Service.

DE VRIEND, ADRIAN JOHN; 1947, Rt. 3, Hayward, Wisconsin, 54843. Agent for Area Forest Utilization, University of Wisconsin.

DEWEY, LAWRENCE ARTHUR; 1950, Rt. 2 Box 2777, Bainbridge Island, Washington, 98110. Construction Engineer.

DIEHL, MICHAEL JOSEPH; 1967, Fleet Training Center, San Diego, California, 92109. Ensign, U.S. Navy.

DONEGAN, FRED VINCENT; 1948.


DRUMM, LESTER OTTO; 1949, Star Route, Box 419, Oakridge, Oregon, 97463. Construction Foreman, Edward Hines Lumber Company.


DUFOUR, FRANCIS XAVIER; 1959, Box 532, North Fork, California, 93643. Resource Assistant, U.S. Forest Service.

DUNGEY, MAJOR KENNETH BLAIN; 6837 Newcomb St., San Bernardino, California, 92404. Major, U.S. Air Force.

DUNN, BRUCE HENRY; 1966, Rt. 1, Williamsburg, Michigan, 49690. Teacher in Conservation Lab, Traverse City High School.

DUNN, JOHN JACOB; 1955, Alger, Michigan, 48610.


ECKARDT, PETER LORNE; 1966, Route 2, Box 228, Sault Ste. Marie, Michigan, 49783.


EDMONDS, RUSSELL ROGER; 1956, Route 1, Brimley, Michigan, 49715. Christmas Tree Grower and Wholesaler.


ELLIOTT, DAVID CONRAD; 1964, 904 Parkway Ct., Two Rivers, Wisconsin, 54241. Eggers Plywood Company, Two Rivers, Wisconsin.

ELLSWORTH, PATRICK WALTER; 1950, 225 Crescent St., Marquette, Michigan, 49855. Director of Vocational Education, State of Michigan, Marquette Branch Prison.


Erickson, Ivan Emil; 1963, RFD 1, Box 125, Hood River, Oregon, 97031.

Erickson, Richard Ralph; 1964, 1167 Liberty St., Green Bay, Wisconsin, 54304. Expense Management Engineer, Industrial Engineering Dept., Charmin Paper Products.


FAIR, MARTIN CHARLES; 1966, 103 Marley St., St. Ignace, Michigan, 49781.

Falge, James Robert; 1959, 321 Dundee Place, Devon, Pennsylvania, 19333. Chief Branch of Information and Education, U.S. Forest Service.

Falkner, Edgar Hazelett; 1953, 1437 Bobolink Place, Brentwood, Missouri, 63144.

Farbo, Thomas Patrick; 1953, Box 1297, Orofino, Idaho, 83544. Timber Staff Officer, U.S. Forest Service.

Farnsworth, Dan Henry; 1966, 1249-S Spartan Village, East Lansing, Michigan, 48823.

Felzer, Ronald Leroy; 1967, School of Forestry & Conservation, University of Calif., Berkeley, California, 94720. Graduate Student.


Fisher, Donald James; 1948, Box 192, Bergland, Michigan, 49910.


Flechsig, Alban R.; 1962, Box 82, Cook, Minnesota, 55723. Staff Forester, U.S.F.S.


Foltz, John Lewis; 1965, 4198 Tipton Highway, Box 367, Adrian, Michigan, 49221. Graduate Student, University of Michigan.


Fossa, Ottavio Quinto; 1953, P.O. Box 183, Lakewood, Wisconsin, 54138. Staff Assistant, U.S. Forest Service.

Franck, Mark Andrew; 1967, 218 Rust Ave., Big Rapids, Michigan, 49307. Graduate Student, Michigan State University.

Frank, Leonard A.; 1960, P.O. Box 377, Cave Junction, Oregon, 97523. Management Assistant, Oregon Caves National Monument, National Park Service.
FRANKENSTEIN, GUENTHER ELMER; 1954, Hillcrest Acres, Lebanon, New Hampshire, 03766. Research Civil Engineer, U.S.A. Cold Regions Research and Engineering Labs.

FRANZ, MALCOLM HEMMING; 1952, Rt. 1, West Burke, Vermont, 05871. County Forester, State of Vermont.

FRANZEN, JOHN MERLIN; 1962, 745 Grove St., Oshkosh, Wisconsin, 54901. Forester, City of Oshkosh.


FRIMODIG, DAVID MAC; 1950, Lakewood Lane, Marquette, Michigan, 49855. Regional Naturalist, Parks Division, Michigan Dept. of Conservation.

FUCTION, GEORGE C. Jr.; 1943, 703 Kinzie Court, Menasha, Wisconsin, 54952. Industrial Engineer, Marathon Corp.


GAUTHIER, ALFRED THOMAS; 1964, 221 West Pulaski, Flint, Michigan, 48505.

GEBHARDT, CARL FREDERICK; 1963, Box 264, Van Buren, Missouri, 63965. Forester, U.S.F.S.


GIEBNER, RICHARD H.; 1962, 2101 Airfield Lane, Midland, Michigan, 48640. Manager Trainee, Bailey Lumber Company.

GIERKE, DEWEY ELDON; 1966, Fayette, Michigan, 49830.

GLEASON, GEORGE CLARK; 1959, P.O. Box 43, Mt. Hebron, California, 96066. Resource Assistant, U.S. Forest Service, Kloniath National Forest.

GODLEVSKE, HAROLD LEONARD; 1958, Rt. 1, Laona, Wisconsin, 54541.


GOSZ, JAMES ROMAN; 1963, College of Forestry, University of Idaho, Moscow, Idaho, 83843.


GROSMAN, JOHN MATTHEW; 1964, Route 2, Rhinelander, Wisconsin, 54501. District Forester, Dept. of Natural Resources, Conservation Division.

GRANSKOG, JAMES EDWARD; 1966, 215 N. Beal St., East Lansing, Michigan, 48823.

GRAVES, HAROLD JOHN; 1947, 1001 Pierce St., Wakefield, Michigan, 49968.

GUARD, JAMES ALBERT; 1961, 3870 W. 38 Ave., Vancouver, British Columbia, Canada.

HAAPALA, FREDERICK HAROLD; 1964, P.O. Box 837, Forks, Washington, 98331. Washington Dept. of Natural Resources.


HAARALA, PAUL REUBEN; 1956, 3189 N. Mt. View Drive, Ogden, Utah, 84404.

HITESMAN, RICHARD FRANK; 1957, Iron River, Michigan, 54847.

HOHLFELDER, DENNIS LEE; 1963, 217 S. 3rd St., Tomahawk, Wisconsin, 54487.

HOLLI, DAVID VERN; 1961, 503 Jasper St., Ishpeming, Michigan, 49849. Forester, (Manager) Wayne-Williams, Dealer in Forest Products.

HOLM, EDMUND WELLING; 1952, 3802 Vineyard Dr., Redwood City, California, 94061. Teacher, San Mateo High School.

HOLME, HAROLD EDWARD; 1949, 4735 N. 74th St., Milwaukee, Wisconsin, 53218. Warehouse Supervisor, U.S. Plywood.


HORAK, JACK ELROY; 1959, 1120 Callon St., Wausau, Wisconsin, 54401. Owner — Texaco Service Station.

HORNICK, JOHN ROBERT; 1950, Clam Lake JCCC, Clam Lake, Wisconsin, 54517. Center Director, Clam Lake Job Corps, U.S. Forest Service.

HOSKING, RAYMOND Jr.; 1950, 508 E. F St., Iron Mountain, Michigan, 49801.


HULKOFF, JOHN EDWARD; 1967, 81646 Indian, Detroit, Michigan, 48240.

HUTCHINSON, MILTON JOSEPH; 1950, Planview Rd., Rt. 1, Sussex, Wisconsin, 53089.

IMMONEN, THOMAS WAYNE; 1966, Star Route, Houghton, Michigan, 49931.

JACKSON, ARMAND ORLAN; 1964, Box 486, Quinnesec, Michigan, 49876. Park Ranger, Parks Division, Michigan Dept. Conservation.


JANOV, CHARLES GORDON; 1966, 2930 Miller Trunk Highway, Lot 10, Duluth, Minnesota, 55811.


JEWELL, GEORGE EMIL; 1950, Star Route, Crystal Falls, Michigan, 49920.

JOHNS, WILLIAM EDWARD; 1966, 4110 E. Lake St., Minneapolis, Minnesota, 55406. Student-Graduate, U.S.D.A., North Central Forest Experiment Station.

JOHNSON, CARL GUSTAV; 1957, 818 S. 14th St., Shelton, Washington, 98584. Assistant District Administrator, State of Washington, Dept. of Natural Resources.

JOHNSON, FLOYD R.; 1952, 2060 Campbell Place, Anchorage, Alaska, 99502. UN FAO.

JOHNSON, GODFREY BERNARD; 1940, 4902 Capitol Ave., Omaha, Nebraska, 68132. Superintendent SE Dept., U.S. Fidelity & Guaranty Company.

JOHNSON, JAMES ALFRED; 1951, Rt. 2, Box 99, L’Anse, Michigan, 49946. Forester, Ford Forestry Center, Michigan Technological University.

JOHNSON, NORMAN LEE; 1962, 32 Perry Ave., Middletown, Rhode Island, 02840.

JOHNSON, RICHARD STEVEN; 1964, RFD 1, Vermilion, Ohio. Recreation Forester, Lorain County Metro Park District, Elyria.

JORGENSEN, JACQUES RICHARD; 1952, Box 12254, Research Triangle Park, North Carolina, 27709. Soil Scientist, Southeast Forest Experiment Station.
JUNTUNEN, GEORGE I.; 1943, 19430 Rock St., Roseville, Michigan, 48066.

K

KABAT, LEON ROBERT; 1961, 1860 Grant, North Bend, Oregon, 97459. Project Engineer, Bureau of Land Management.

KALK, PETER ARTHUR; 1962, R.R. 3, Box 44, Chippewa Falls, Wisconsin, 54729. Graduate Student, Oregon State University.

KALLIO, WILLIAM JOHN; 1956, Box 398, Goodman, Wisconsin, 54125. Plant Manager, Goodman Division, Calumet & Hecla.


KARLING, WILLIAM JOHN; 1953, 513 Woodbine Circle N.W., Cleveland, Tennessee, 37311. Assistant Chief Scaler, Bowaters Southern Paper Corp.

KARSTEN, RICHARD HERMAN; 1952, 1406 Franklin, Berkley, Michigan, 48072. Assistant Secretary, American Savings & Loan Association.

KEENER, JOHN McLARREN; 1949, Wisconsin Conservation Dept., Box 450, Madison, Wisconsin, 53701. Administrative Assistant, Game Management.


KETCHBAW, LARRY WAYNE; 1966, Route 4, Box 22, Sparta, Wisconsin, 54656.

KILLMAR, KENNETH DOUGLAS; 1940, 1514 S. 13th St., Escanaba, Michigan, 49829. Surveyor, Michigan State Highway Dept.

KINDIG, ERIC L.; 1967, Rt. 1, Box 7, Lodi, Ohio, 44254.

KINSEY, RANDALL BEN; 1965, Curtis, Michigan, 49820.

KIRSCHBAUM, JAMES WILLIAM; 1959, P.O. Box 804, Snowflake, Arizona, 85937. Forester, U.S. Forest Service.

KISABETH, FRED ALDEN; 1958, 6316 Tahoe Dr., Boise, Idaho, 83705. Director — Forestry Operations, Idaho Dept. of Public Lands.

KITTLE, RONALD FORREST; 1966, 23401 Gibraltar Road, Flat Rock, Michigan, 48134.

KLAMMER, RONALD EUGENE; 1961, Fine Lake, Battle Creek, Michigan, 49015.


KRIEG, MILTON JACK; 1949, 41102 Greenbrook Lane, Plymouth, Michigan, 48170. Contact Representative, Fisher Body Division, General Motors.

KRONBERG, IVAN ARTHUR; 1950, Rt. 1, Box 152A, Champion, Michigan, 49814. Forester, U.S. Steel Corp.
KRUMBACH, The Rev. ARTHUR WILLIAM; 1952, Box 292, Osceola, Arkansas, 72370. Episcopal Priest, Diocese of Arkansas.

KIIZENGA, MELVIN LEE; 1966, 310 N. Court, Alma, Michigan, 48801. Scout Executive, Saginaw Bay Area Council.

KUNTZE, WALTER FESING; 1962, Half Moon Beach, Chassell, Michigan, 49916. Assistant Forester, Upper Peninsula Power Company.

KWIAKTOWSKI, JOHN ADAM; 1960, 1461 S.E. Cobb, Roseburg, Oregon, 97470. Unit Engineer, Bureau of Land Management.


LABYAK, Dr. LEO FRANCIS; 1944, 6120 Sylvan Dr., Columbia, South Carolina, 29206.

LAMBRECHT, ERWIN GENE; 1953, Box 84, Greenwood, South Carolina, 29646. Project Forester, South Carolina State Commission of Forestry.

LAMPI, ESLIE H.; 1950, 1953 Kiva Rd., Santa Fe, New Mexico, 87501. Forester, National Park Service, Southwest Region.


LAMBOURNE, RICHARD JAMES; 1956, 2924 Taylor St., Marinette, Wisconsin, 54143.

LARSON, KENNETH RUDOLPH; 1953, Box 296, Missoula, Montana, 59801. Regional Check Scaler, U.S. Forest Service.

LATHROP, KENNETH ALAN; 1964, Box 304, White Swan, Washington, 98952.

LA TOCHA, WILLIAM FRANK; 1964, Levering, Michigan, 49755.

LAVERDIERE, REUBEN JOHN; 1947, 933 Memorial Dr., Macomb, Illinois, 61455. Farm Forester, Illinois Division of Forestry.

LEACH, PAUL JOSEPH; 1954, 535 Bermuda Dr., Concord, California, 94520. Supervisory Recreation Planner, Bureau of Outdoor Recreation, Dept. of Interior.

LEADER, MELVIN WILMONT; 1953, Maryville Branch, Box 185, Georgetown, South Carolina, 29440. Forester, Koppers Company Inc.

LEBO, CLARK ALLEN; 1954, 519 E. Ohio St., Marquette, Michigan, 49855. District Forester, Goodman Division, Calumet & Hecla.

LEE, DAVID ALFRED; 1956, 219 W. 2nd St. N., Ladysmith, Wisconsin, 54848. Assistant District Forester, Dept. of Natural Resources, Division of Conservation.

LEHRER, GEORGE FREDERICK; 1958, 1730 Clermont St., Antigo, Wisconsin, 54409.

LEICHMAN, WILLIAM WALTER; 1947, 6450 Dawson Rd., Cincinnati, Ohio, 45243. Plastic Sales, Monsanto Chemical Company.

LEITNER, LORIN WAYNE; 1955, Box 67, Hoopa, California, 95546. Forester, Dept. Int.

LEWIS, RONALD DEAN; 1962, P.O. Box 260, Blue River, Oregon, 97413. Supervisory Forester (Reforestation), U.S. Forest Service.

LEWIS, WARNER CARY; 1959, Rt. 2, Box 550D, Sedro Woolley, Washington, 98284.

LINDBERG, RICHARD DEANE; 1956, Rt. 1, Oregon, Wisconsin, 53575. Recreation Planner, Wisconsin Dept. of Natural Resources, Division of Conservation.

LINTELMANN, FREDERICK WILLIAM; 1958, Blackduck, Minnesota, 56630. U.S. Forest Service.

LINTNER, DAVID RICHARD; 1964, 15467 Tracey, Detroit, Michigan, 48227.

LITTLE, RICHARD B.; 1954, RR 1, Chillicothe, Illinois, 61523.

LIZENBY, GEORGE WILLIAM; 1953, 182 Redwood, Troy, Michigan, 48084. Section Foreman, Michigan Consolidated Gas.

LOCEY, CRAIG THOMAS; 1964, Box 164, Wyanet, Illinois, 61379.

LOCKWOOD, JACK PRICE; 1954, Rt. 2, Box 434, Boyne City, Michigan, 49712. Forester, Michigan Dept. of Conservation.

LORING, THOMAS JOSEPH; 1946, 517 Gold S.W., Albuquerque, New Mexico, 87101. State and Private Forestry, U.S. Forest Service, S.W. Region.
LOUGHRAY, JOHN JAMES; 1951, Rt. 1, Pleasant Lake, Michigan, 49272. Senior Right-of-Way Acquisition Supervisor, Consumers Power Company.

LUNDBERG, JOHN FIRLEY; 1959, Box 355, Goodman, Wisconsin, 54125.


MADISON, RICHARD JAMES; 1957, P.O. Box 171, Houghton, Michigan, 49931. Assistant Forester, Upper Peninsula Power Company.

MAHALAK, WILLIAM JOHN; 1961, Box 137, Naubinway, Michigan, 49762. Area Forest Supervisor, Forestry Division, Michigan Dept. of Conservation.

MAHRINGER, ERIC BERNHART; 1966, 3208 N. 80th St., Milwaukee, Wisconsin, 53222. Graduate Student, Michigan Technological University.

MAHY, DENNIS MICHAEL; 1964, 613 Hamilton St., Portage, Wisconsin, 53901.

MAKELA, HOWARD JACOB; 1948, Box 96, South Range, Michigan, 49963.

MAKI, ARTHUR THEODORE; 1948, 605 Kingswood Ave., Eugene, Oregon, 97405. Timber Specialist, Weyerhaeuser Company.


MAKINEN, RICHARD LEO; 1950, 5132 Russett Rd., Rockville, Maryland, 20853. Construction Management Engineer (Waterways), U.S. Army Corps of Engineers.

MALKOFF, Captain EUGENE PETER; 1958, 978 Spring St., Macon, Georgia, 31201.

MANTHEY, ROY OTTO; 1953, Deceased.

MARITA, FLOYD JAMES; 1960, U.S.F.S., Region 9, 6th St., Milwaukee, Wisconsin, 53201.

MARTINDE, DONALD LESTER; 1950, 2554 Delano Dr., Macon, Georgia, 31204. Landman, J. M. Huber Corp.

MARTINSON, ERNEST OWEN; 1966, 215 Clay St., Blacksburg, Virginia, 24060.


MATERO, DANIEL ALBERT; 1962, 106 W. Houghton Ave., Houghton, Michigan, 49931. U.S.F.S.

MATSON, PAUL LEWIS; 1954, P.O. Box 1094, Olympia, Washington, 98501. Forest Nursery Superintendent, Dept. of Natural Resources.


MATTSON, GARY ERNEST; 1966, Rt. 1, Box 411, Iron River, Michigan, 49935.

MATTSON, TOIVO MATT; 1952, Rt. 2, Box 46, Rogers, Minn., 55374. Owner, K. J. Clarkson Lumber Company, Minneapolis, Minnesota.


McDONALD, ROGER KIETH; 1949, 533½ River St., Ontonagon, Michigan, 49953. Executive Vice-President, First National Bank, Ontonagon.


METSA, ARNE ALBERT; 1947, Box 310, Gwinn, Michigan, 49841. Area Forester, Michigan Dept. of Conservation.

MEVES, KENNETH OTTO; 1963, U.S. Forest Service, Hayward, Wisconsin, 54843.


MILLER, ROBER LEON; 1963, 302 Medow Lane, Benson, Minnesota, 56215. Federal Service Realty Division, Bureau of Sport Fisheries & Wildlife.

MILLER, WILLIAM CARL; 1965, 1035 Sibley, Grand Rapids, Michigan, 49504.

MILLS, HARRY COLLINS; 1957, 422 Woodview Dr., Sun Prairie, Wisconsin, 53590. Forester, State of Wisconsin.

MONTAMBO, KEITH RAY; 1955, 712 Erie Ave., Crystal Falls, Michigan, 49920. Office Manager, Keweenaw Land Association Ltd.


MOORE-BUNNEY, ROBERT SPAULDING; 1951, Box 711, Dryden, Ontario, Canada. Chief Forester, Dryden Paper Company, Ltd.


MOSHER, ELAINE CAROL; 1961, Rt. 1, Box 436, Aumsville, Oregon, 97325. Secretary, Western Farmers Association.

MANCARROW, WILLIAM JAMES; 1947, Mt. McKinley National Park, McKinley Park Station, Alaska, 99755. Ranger, Mt. McKinley National Park.

NELSON, JOHN LAWRENCE; 1966, 744 W. Washington St., Caledonia, Minnesota, 55041. District Forester, Minnesota Conservation Dept.

NELSON, RODNEY LEROY; 1961, Brunnet Island State Park, Cornell, Wisconsin, 54732. Park Manager, Wisconsin Dept. of Natural Resources.

NEUBAUER, CLIFFORD ARTHUR; 1951, P.O. Box 171, Federal Way, Washington, 98002. Designer, Boeing Company.

NICKLE, DONALD GEER; 1959, 904 Palmcroft Dr., Yuma, Arizona, 85364. Staff Assistant, Lower Colorado River Land Use Office, Dept. of Interior.

NICOLSON, JOHN ALEXANDER; 1964, 1929 2nd St. NE, Minneapolis, Minnesota, 55418. Research Assistant, University of Minnesota.

NIKOL, RAYMOND RUDOLPH; 1951, 512 Putnam St., Wakefield, Michigan, 49968. Michigan Dept. of Conservation.

NORLIN, JOHN RICHARD; 1957, 1244 Germino Ave., Roseburg, Oregon, 97470. Realty Specialist, Bureau of Land Management, Roseburg District.

NORDREY, CHARLES RICHARD; 1958, 540 S.E. Ramp Rd., Roseburg, Oregon, 97470.

NOBLE, JOHN CHARLES; 1950, 1919 23rd Ave., Escanaba, Michigan, 49829. Land & Production Manager, Goodman Division, Calumet & Hecla, Inc.


NORGARD, ROBERT EMIL; 1950, 11550 Magnolia St. NW, Coon Rapids, Minnesota, 55433. Vice President, MacGillis & Gibbs.

NORKKOLI, RAYMOND RUDOLPH; 1951, 512 Putnam St., Wakefield, Michigan, 49968. Michigan Dept. of Conservation.

NORLIN, JOHN RICHARD; 1957, 1244 Germino Ave., Roseburg, Oregon, 97470. Realty Specialist, Bureau of Land Management, Roseburg District.


NORTON, DAVID MICHAEL; 1964, 1107 Anderson Dr., Leesville, Louisiana, 71446. Owens-Illinois.


O'DONNELL, WILLIAM ANTHONY; 1960, P.O. Box 501, Timmins, Ontario, Canada. Forester, Province of Ontario, Dept. of Lands & Forests.


OLSON, JAMES WILLIAM; 1966, 717 Sutherland St., Ironwood, Michigan, 49938.

OMERNIK, DONALD JAMES; 1965, P.O. Box 87, Minnesota Lands & Forests, Two Harbors, Minnesota, 55616. District Forester, Minnesota Conservation Dept.

OLSON, WALTER AUGUST Jr.; 1953, 1700 Calumet, New Holstein, Wisconsin, 53061.


OLSON, JAMES WILLIAM; 1966, 717 Sutherland St., Ironwood, Michigan, 49938.

OMERNIK, DONALD JAMES; 1965, P.O. Box 87, Minnesota Lands & Forests, Two Harbors, Minnesota, 55616. District Forester, Minnesota Conservation Dept.

OLSON, WALTER AUGUST Jr.; 1953, 1700 Calumet, New Holstein, Wisconsin, 53061.


OLSON, JAMES WILLIAM; 1966, 717 Sutherland St., Ironwood, Michigan, 49938.

OMERNIK, DONALD JAMES; 1965, P.O. Box 87, Minnesota Lands & Forests, Two Harbors, Minnesota, 55616. District Forester, Minnesota Conservation Dept.

OLSON, WALTER AUGUST Jr.; 1953, 1700 Calumet, New Holstein, Wisconsin, 53061.


OLSON, JAMES WILLIAM; 1966, 717 Sutherland St., Ironwood, Michigan, 49938.

OMERNIK, DONALD JAMES; 1965, P.O. Box 87, Minnesota Lands & Forests, Two Harbors, Minnesota, 55616. District Forester, Minnesota Conservation Dept.

OLSON, WALTER AUGUST Jr.; 1953, 1700 Calumet, New Holstein, Wisconsin, 53061.


OLSON, JAMES WILLIAM; 1966, 717 Sutherland St., Ironwood, Michigan, 49938.

OMERNIK, DONALD JAMES; 1965, P.O. Box 87, Minnesota Lands & Forests, Two Harbors, Minnesota, 55616. District Forester, Minnesota Conservation Dept.

OLSON, WALTER AUGUST Jr.; 1953, 1700 Calumet, New Holstein, Wisconsin, 53061.


OLSON, JAMES WILLIAM; 1966, 717 Sutherland St., Ironwood, Michigan, 49938.

OMERNIK, DONALD JAMES; 1965, P.O. Box 87, Minnesota Lands & Forests, Two Harbors, Minnesota, 55616. District Forester, Minnesota Conservation Dept.

OLSON, WALTER AUGUST Jr.; 1953, 1700 Calumet, New Holstein, Wisconsin, 53061.


OLSON, JAMES WILLIAM; 1966, 717 Sutherland St., Ironwood, Michigan, 49938.

OMERNIK, DONALD JAMES; 1965, P.O. Box 87, Minnesota Lands & Forests, Two Harbors, Minnesota, 55616. District Forester, Minnesota Conservation Dept.
PUURI, CARL RICHARD; 1960, 413 Crippen St., Cadillac, Michigan, 49601. Assistant Ranger, U.S. Forest Service.

QUILLIAM, RONALD ALBERT; 1967, 936 Claremont, Dearborn, Michigan, 48124. Peace Corps, (Forestry), Chile.


RAISANEN, ROBERT ROY; 1951, 1047 Ahmeek St., Mohawk, Michigan, 49950. Assistant Manager, Land & Forestry Dept., Upper Peninsula Power Company.


RECTOR, JOHN RAYMOND; 1966, 6225 Orion Rd., Rochester, Michigan, 48063.

REED, CLIFFORD GALEN; 1961, Box 353, White Swan, Washington, 98952. Forester, Bureau of Indian Affairs, Yakima Reservation.

REID, Dr. LESLIE MERLE; 1951, 1202 Pershing Ave., College Station, Texas, 77843. Head, Dept. of Recreation & Parks, Texas A&M University.


REUSCHEL, THEODORE MARKUS; 1964, Box 75, Beulah, Michigan, 49617. Area Forester, Betsie River State Forest, Michigan Dept. of Conservation.

RICHARDS, FRANK EDMUND; 1951, 1902 Alton Circle, Rt. 6, Walled Lake, Michigan, 48088. Teacher of Industrial Arts, Walled Lake Senior High.

RICKERD, RODNEY LAWRENCE; 1963, 347 E. Hewitt Ave., Marquette, Michigan, 49855.

ROACH, ROBERT VERN; 1956, Park Falls, Wisconsin, 54552. Forester, Wis. Conservation Dept.

ROBBINS, EUGENE STEPHEN; 1962, 157 Ballantyne, Syracuse, New York, 13205. Student-Research Assistant, New York State College of Forestry, Syracuse.

ROBERT, KENNETH PAUL; 1956, 245 Netherwood St., Oregon, Wisconsin, 53575. Plant Industry Division, Wisconsin Dept. of Agriculture, Madison, Wisconsin, 53702.

ROBERTS, FLOYD DeVER Jr.; 1963, 3706 Craig Drive, Flint, Michigan, 48506. City Forester, Flint, Michigan.


ROGERS, MICHAEL VARS; 1964, 12914 Forrer, Detroit, Michigan, 48227. Senior Assistant Forester, Dept. of Parks & Recreation, City of Detroit.

ROLLMAN, CHARLES WILLIAM; 1941, 1033 Neufeld St., Green Bay, Wisconsin, 54304. Owner, C. W. Rollman & Associates; Civil Engineers, Land Surveyors, Foresters.

ROSEK, WALTER THOMAS; 1960, Rt. 1, Box 505A, Ossineke, Michigan, 49766. Forester, Abitibi Corp.


RUCINSKI, LOUIS; 1955, Onaway, Michigan, 49765.

RUSING, RONALD LEE; 1966, 6276 Newark Ave., Chicago, Illinois, 60631.

RYAN, GEORGE HENRY Jr.; 1962, 890 Central Ave., Coos Bay, Oregon, 97420.

RYAN, JAMES ARTHUR; 1966, 1308 E. Hatch St., Sturgis, Michigan, 49091.

RYE, JAMES ALBERT; 1961, 207 West 11th, #2, Jacksonville, Florida.


ST. ONGE, RAYMOND CLARENCE; 1949, 10017 Manor, Detroit, Michigan, 48204. Senior Construction Inspector, City of Detroit Water Dept.

ST. ONGE, WILLIAM CHARLES; 1949, Box 132, Chatham, Michigan, 49816. Conservation Officer, Michigan Dept. of Conservation.

SAADAK, ROBERT LAWRENCE; 1959, 610 Copper St., Houghton, Michigan, 49931. Instructor, Forestry Dept., Michigan Technological University.

SANDHUSEN, WALTER HERMAN; 1950, 6609 East Knollwood Circle, Birmingham, Michigan, 48010. Sales Service Supervisor, Weyerhaeuser Company.

SARKKINEN, DALE VICTOR; 1964, Brantwood, Wisconsin, 54533.

SCHAB, LORIN LEE; 1966, 2d Recon Sqdn, 2d Armd Cavalry, S2 Section, APO New York, 09139. SP 4, Headquarters Troop Clerk.

SCHAEFFER, ALAN DAY; 1957.

SCHENKEL, DOUGLAS WAYNE; 1965, 101½ W. Hickey, Tomahawk, Wisconsin, 54487. Forester, Owens-Illinois, Northern Woodlands Division.

SCHINDLER, RICHARD ALLEN; 1961, Box 254, Applegate, Oregon, 97530. Forester, Bureau of Land Management, Dept. of Interior.

SCHNEFF, JOHN WILLIAM; 1966, 1205 Lincoln Ave., Stambaugh, Michigan, 49964.


SCHULTZ, JAMES ANTHONY; 1964, P.O. Box 293, Stephenson, Michigan, 49887.

SCHWARTING, WILLIAM C.; 1955, Rt. 2, Richland Center, Wisconsin, 53581. Vice-President, Richland Hardwoods, Inc.

SCOTT, DONALD HERBERT; 1956, 24170 Calvin St., Dearborn, Michigan, 48124.


SEILER, E. GORDON; 1950, Dollar Bay, Michigan, 49922.


SHANER, BRUCE ARTHUR; 1953, P.O. Box 627, Roseburg, Oregon, 97470. Roseburg Timber Service (P.E. Logging).

SHAW, JOSEPH GLENN; 1956, Richfield Oil Corp., Box 360, Anchorage, Alaska, 99502. Geophysical Computer, Richfield Oil Corp.

SHEPPARD, GEORGE HENRY; 1957, Rt. 1, Box 146, Wautoma, Wisconsin, 54982. Forest Ranger, Wisconsin Dept. of Natural Resources.

SHEPHERD, ROBERT JAY; 1953.

SIMMONS, GARY ADAIR; 1966, 214 E. Congress St., Belding, Michigan, 48809. Graduate Student, Michigan Technological University.

SKOWRON, WALTER STANLEY Jr.; 1966, Graduate Student, Michigan Technological Univ.

SLOAN, NORMAN FREDRICK; 1957, P.O. Box 221, Houghton, Michigan, 49931. Assistant Professor, Dept. of Forestry, Michigan Technological University.

SMART, DALE GLEN; 1953, 4219 Habana Ave., Jacksonville, Florida, 32217.

SMITH, JAMES J.; 1940, 21 Kimberlin Dr., Brockport, New York, 14420. Agronomist, Atlantic & Pacific Tea Company.


SMITH, THOMAS MARSHALL; 1957, 305 W. Truman, Newberry, Michigan, 49868.

SMITH, WILLIAM REXFORD; 1952, Box 341, St. Ignace, Michigan, 49781. District Ranger, U.S. Forest Service.

SOMPPI, TAUNO MATTHEW; 1950, 2453 Palm Ave., Redwood City, California, 94061. Property Engineer, Southern Pacific Company, San Francisco.

SOORUS, GARRY; 1965, P.O. Box 32, Dafter, Michigan, 49724.

SORENSEN, CHESTER BRILL; 1957, 744 W. Fairhaven, Roseburg, Oregon, 97470. Timber Manager, Bureau of Land Management.

SPAETH, DAVID VERNON; 1962, 3694 Commercial St. SE, Salem, Oregon, 97302.

SPIROFF, KIRIL Jr.; 1957, 2116 Washington Ave., Ishpeming, Michigan, 49849. Sales Engineer, Metal Products Division, Armco Steel Corp.

SPIROFF, Mrs. KIRIL Jr.; 1958, 2116 Washington Ave., Ishpeming, Michigan, 49849.

SPOERKE, JOHN RICHARD; 1952, RR 1, Eagi River, Wisconsin, 54521. Forester, Forest Management Division, Wisconsin Dept. of Conservation.

SPOERL, GERALD AUGUSTINE; 1950, Rt. 1, Box 361, Park Falls, Wisconsin, 54552. Forester, Wisconsin Conservation Dept.


SPOERKE, JOHN RICHARD; 1952, RR 1, Eagle River, Wisconsin, 54521. Forester, Forest Management Division, Wisconsin Dept. of Conservation.


STAEGE, DALE BRYAN; 1963, 84 E. McCann, St. Ignace, Michigan, 49781. Timber Management Assistant, St. Ignace Ranger District, Hiawatha National Forest, U.S.F.S.

STEINHILB, HELMUTH MARTIN; 1940, 139 Globe, Painesdale, Michigan, 49955. Professor, Dept. of Forestry, Michigan Technological University.


STEINHILB, HELMUTH MARTIN; 1940, 139 Globe, Painesdale, Michigan, 49955. Professor, Dept. of Forestry, Michigan Technological University.


STEINHILB, HELMUTH MARTIN; 1940, 139 Globe, Painesdale, Michigan, 49955. Professor, Dept. of Forestry, Michigan Technological University.


STAFE, JAMES SHERWOOD; 1952, 20 Cedar St., Great Falls, Montana, 59401. Major, U.S.A.F., Missile Combat Crew Commander and Flight Commander.


STAEGE, DALE BRYAN; 1963, 84 E. McCann, St. Ignace, Michigan, 49781. Timber Management Assistant, St. Ignace Ranger District, Hiawatha National Forest, U.S.F.S.


STAFE, JAMES SHERWOOD; 1952, 20 Cedar St., Great Falls, Montana, 59401. Major, U.S.A.F., Missile Combat Crew Commander and Flight Commander.


STAFE, JAMES SHERWOOD; 1952, 20 Cedar St., Great Falls, Montana, 59401. Major, U.S.A.F., Missile Combat Crew Commander and Flight Commander.

STAFE, JAMES SHERWOOD; 1952, 20 Cedar St., Great Falls, Montana, 59401. Major, U.S.A.F., Missile Combat Crew Commander and Flight Commander.


STAFE, JAMES SHERWOOD; 1952, 20 Cedar St., Great Falls, Montana, 59401. Major, U.S.A.F., Missile Combat Crew Commander and Flight Commander.

STAFE, JAMES SHERWOOD; 1952, 20 Cedar St., Great Falls, Montana, 59401. Major, U.S.A.F., Missile Combat Crew Commander and Flight Commander.


STAFE, JAMES SHERWOOD; 1952, 20 Cedar St., Great Falls, Montana, 59401. Major, U.S.A.F., Missile Combat Crew Commander and Flight Commander.


STAFE, JAMES SHERWOOD; 1952, 20 Cedar St., Great Falls, Montana, 59401. Major, U.S.A.F., Missile Combat Crew Commander and Flight Commander.


STAFE, JAMES SHERWOOD; 1952, 20 Cedar St., Great Falls, Montana, 59401. Major, U.S.A.F., Missile Combat Crew Commander and Flight Commander.
TODD, ROBERT LOUIS; 1951, P.O. Box 216, Redlake, Minnesota, 56671. Forester, Bureau of Indian Affairs, Dept. of Interior.

TODD, WILLIAM ARMSTRONG; 1948, 424 E. arch St., Marquette, Michigan, 49855. President, Longyear Companies.

TOULINSON, PETER MACLAREN; 1963, 11331 19 Mile Rd., Utica, Michigan, 48087. Instructor of Natural Science, Macomb County Community College.


TROXEL, CHARLES OLIVER; 1962, P.O. Box 218, Cottonwood, Idaho, 83522. U.S. Forest Service, Job Corps.

TUBBS, DALE PETER; 1955, 1234 W. Hillcrest Dr., Anchorage, Alaska, 99503. Acting Area Manager, Alaska Division of Lands, State of Alaska.

TUCKER, GARY FRANCIS; 1959, Box 938, Jackson, Wyoming, 83001.

TYLER, WILLIAM HERBERT; 1964, 4827 Glenwood Ave., Willoughby, Ohio, 44094. SP/5, U.S. Army.


VAN LOOSENOORD, WAYNE; 1951, 207-C Fair Dr., Apt. 26, Champaign, Illinois, 61822.

VANDE HEI, GERALD LOUIS; 1958, Box 381, Shawano, Wisconsin, 54166. Menominee Liaison Forester, Wisconsin Dept. of Natural Resources.


VANDERLIN, ORVILLE JEROME; 1959, McKenzie Ranger Station, McKenzie Bridge, Oregon, 97401. Forester, U.S. Forest Service.

VEEGER, WILLIAM LYLE; 1949, Chippewa Trail, Dollar Bay, Michigan, 49922. Vice-President — Sales, Upper Peninsula Power Company.

VERCH, LOUIS WILLIAM; 1956, 123 Woodland Hts., Rhinelander, Wisconsin, 54501. Forester, State of Wisconsin, Commissioners of Public Lands.

VIAL, ROBERT BLEWETT; 1947, Edgewood Acres, Chassell, Michigan, 49916.

VOGEL, THEODORE CHARLES; 1959, RFD, West Lebanon, New Hampshire, 03784. Research Forester, USA-Cold Regions Research & Engineering Lab, Hanover.


WALITALO, HERMAN; 1951, 928 Maryland, Coos Bay, Oregon, 97420. Forester, Bureau of Land Management.

WALL, CHESTER O.; 1951, 1101 Arrowhead Rd., Duluth, Minnesota, 55803. Engineering Aid, Earle Ruble & Associates.

WARREN, 2nd Lt. JOHN HAROLD; 1964, Rt. 3, Campbellsport, Wisconsin, Forester I, Parks & Recreation Division, Wisconsin Conservation Dept.

WATSON, DOUGLAS BRYON; 1958, 4398 Country Lane NE, Salem, Oregon, 97303. Right-of-Way Agent, Forester, Oregon State Highway Dept.


WATSON, LARRY G.; 1951, 260 Lamar Dr., Kalamazoo, Michigan, 49002. Civil Engineer, Wayland Ingersoll, Consulting Engineer.


WEBSTER, ALAN RICHARD; 1964, 13 1st St., South Range, Michigan, 49963. Assistant Area Forester, Mishwabic State Forest, Michigan Dept. of Conservation.

WEINBERG, GLEN LEE; 1942, 511 Brompton Place, Chicago, Illinois, 60613. Assistant to the President, Royal Continental Box Company.
WEISINGER, RUSSELL JOHN; 1962, P.O. Box 757, Sitka, Alaska, 99835. Forester, USFS.

WELLER, DANIEL WAYNE; 1964, 22 Chenango Ave., Sherburne, New York, 13460.

WENZEL, DUANE KEITH; 1951, 200 N. 5th St., Crystal Falls, Michigan, 49920. Game Biologist, Michigan Dept. of Conservation.


WHIPPLE, JAMES W.; 1964, 206 Clay, Neillsville, Wisconsin, 54456. Assistant District Forester, Wisconsin Dept. of Natural Resources.

WHITE, ELMER R.; 1946, 315 W. Jefferson, Grand Ledge, Michigan, 48837.

WHITE, JAMES ALLEN; 1960, Rt. 2, Decatur, Michigan, 49045.

WHITMARSH, BRUCE GERALD; 1957, 1053 S. 3rd, Lakeview, Oregon, 97630. Area Manager, Bureau of Land Management, Dept. of Interior.

WIDDER, JAMES JOSEPH; 1957, 623 W. Merrimac, Dodgeville, Wisconsin, 53533. Forester, State of Wisconsin, Dept. of Natural Resources, Private Forestry.

WILLIAMS, Dr. HAL ALPHEUS; 1954, RFD 3, Ithaca, Michigan, 48847. Physician.

WILLIAMS, THOMAS EDWARD; 1963, RR 1, Box 237, Eveleth, Minnesota, 55734. Forester, U.S. Forest Service.


WOOD, LEONARD FRANKLIN; 1950, RR 5, Box 250, Zanesville, Ohio, 43701. Superintendent, Zanesville State Nursery, State of Ohio, Dept. of Natural Resources.

WOOD, ROBERT DUANE; 1960, Rt. 1, Box 536, Baldwin, Michigan, 49304. Forester, Michigan Dept. of Conservation.

WOOD, WILLIAM BERT; 1963, 780 Meadow Dr., Rhinelander, Wisconsin, 54501. Assistant Manager, Hugo Sauer Nursery, Wisconsin Dept. of Natural Resources.


Y

YANKEE, RICHARD ARTHUR; 1957, 543 8th, Manistee, Michigan, 49660. Regional Superintendent, Wood Procurement, Packaging Corp. of America.

YOUNG, FREDERICK HERMAN III; 1967, 427 Russell Ave., Wyckoff, New Jersey, 07481.

YOUNGS, FRANCIS GILBERT; 1941, 1222 Michigan Ave., Gladstone, Michigan, 49837. Manager, Gladstone Branch, MacGillis & Gibbs Company.

Z

ZAUG, DALE ALLEN; 1965, Flambeau River State Forest, Winter, Wisconsin, 54896.

ZEMSK, ARTHUR RICHARD; 1949, 8100 Noid Ave., Minneapolis, Minnesota, 55428.

ZENKE, TIM CARL; 1962, 315 Kourt Dr., Eugene, Oregon, 97402. Forester, Bureau of Land Management.

ZIEMER, IRVIN RUDLOPH; 1961, P.O. Box 175, Paintsde, Michigan, 49955. Assistant Forester, Copper Range Company, Forestry Division.

ZOLLNER, JACK ALVIN; 1952, Rt. 1, Box 302-J, Munising, Michigan, 49862. Assistant District Forester, Michigan Dept. of Conservation.