

The Bison 5/12/1967

Cruise Line

FORESTRY AS A PROFESSION

By Ron Schmitt

For as long as the forestry program has been here at Nichols, there have always been conflicts between the foresters and business students. This article is to give the business students some idea of just what forestry is all about.

The man who chooses a career in forestry has the opportunity to serve his fellowmen in a vitally important field. Forestry deals with the development of forests in such a way as to perpetuate their many services and benefits to mankind. The forests provide wood and other products for man's use; they prevent erosion of the soil and regulate stream flow and water supply for irrigation, for hydroelectric power, and for domestic use; they harbor wildlife and give abundant opportunity for outdoor recreation.

Foresters are today charged with the solution of one of our Nation's major economic problems, that of putting to the best use for human welfare the 664 million acres of land most suitable for forest purposes. Complete, thorough training is fundamental to a career in the profession.

A forester must have a wide variety of knowledge. His job is not merely sitting in a fire tower, or riding through the forests on a white horse, or arresting people; but his job covers a wide variety of things, as will be shown later. He must be a good businessman with thorough technical education.

In their efforts to develop better public understanding of forest conservation problems, foresters perform the functions of educators. Such work is part of the forester's regular duties in many positions. Nearly every forester, whether consciously or not, is helping to mold public sentiment. Hence his job requires ability to meet people and gain the confidence of the public.

The majority of foresters who graduate from college go to work for the U. S. Forest Service. All the foresters that go to work for the Forest Service in a professional or scientific position are classified under civil service, and these jobs require academic training at least equivalent to graduation from a recognized college or university offering a course of study in the professional or scientific field involved.

The Forest Service is compiled of a large variety of different type workers. These range from forest ecologists, entomologists, pathologists and chemical engineers to clerks, stenographers, and similar

\$7,670, depending on the field of study and experience.

States are the next largest employers of professional foresters. The duties of these foresters are pretty much the same as those employed by the U. S. Forest Service, except on a small scale. The jobs which foresters receive depend upon the extent of progress of each state's forestry program. Where forestry is just beginning to receive attention, the forester's first efforts must be largely of an educational and organizational nature. In this area, he usually has to make a great many public addresses, issue bulletins, write articles for magazines and newspapers, and in every other possible way bring this message to the people. If the forestry program is already established, his jobs will include fire prevention and control, forest planning, educational work, and management of State-owned forests.

A new field of employment for trained foresters is opening up through the development of community public forests by counties, municipalities, school districts, and other local government units or public institutions. The jobs of these foresters range from managing these forests to teaching forestry and conservation in schools. Although teaching forestry is primarily concentrated in institutes of higher learning, the introduction of forestry in secondary schools is becoming a more important vocation every year.

The final field of work for professional foresters is in private industry. The different types of jobs are the same as those in the other areas of employment with the exception that most of the work is concentrated on the production of wood and its by-products for consumption by the general public.

This article has been primarily concerned with foresters who major in forest management and general conservation. I hope in a later article to explain the jobs of those men who major in wildlife management and recreational management.

To end this article I would like to state what the U. S. Forest Service says as to what makes a successful forester. It is stated in the following way, "Intelligence, industry, honesty, and soundness of character are the most important personal requisites of the successful forester."

OPPORTUNITIES IN SALES-MARKETING TODAY

By Leland F. Lyons

Job and career opportunities in sales and marketing were never greater than they are today. At the same time, the training required and the demands made upon the individual in the sales-marketing field were never greater, either.

No longer is selling an area of

Cruise Line

Ron Schmitt

Last summer while the seniors and juniors were working in compliance with the school's summer work program, the sophomores were absorbing beauties at the beach, and the freshmen were rushing around buying clothes for their first year at Nichols, the senior foresters were at an eight week summer camp in Rutland, Mass.

This camp was made up of mostly field work, but there was some classroom work.

The field work included a boundary survey of the Rutland property, cruising, continuous forest inventory and cumulative tally, of most of the property, topographic work of different parts of the property, plane tabling of the pond, and silviculture work. All the above required some type of map work except cumulative tally cruising and the silviculture work.

There were forty hours of dendrology and classes on soil testing, aerial photograph interpretation, and log scaling. We also made several field trips of which included a trip to our Petersham property and a visit to the Harvard Museum in Petersham.

In our spare time, we had several other things to do such as herbarium collections, term papers, forest pest collections, and three projects.

All in all, it was a very enjoyable summer; and we learned a great deal of valuable information.

We would like to thank the administration at Nichols for a very educational and well managed summer, and the Worcester Museum of Natural History for the use of their facilities.

The Bison 11/3/1961

FORESTRY AS A PROFESSION

Thorough Training Key To Successful Career In Forestry

The individual who chooses a career in forestry has the opportunity to serve his fellow citizens in a vitally important field. Forestry deals with the development of timberlands in such a way as to perpetuate the many services and benefits to mankind. The forests provide wood and other products for man's use; they prevent erosion of the soil and regulate stream flow and water supply for irrigation, for hydroelectric power, and for domestic use; they harbor wildlife and give abundant opportunity for outdoor recreation.

Foresters are today charged with the solution of one of our Nation's major economic problems—that of putting to the best use for human welfare the 664 million acres of land suitable for forest purposes. Complete, thorough training is fundamental to a career in this profession.

A forester must have a wide variety of knowledge. Not only must he be trained in the field of business, but also in the area of technical education.

Each forester must perform the function of education as he endeavors to develop better public understanding of forest conservation problems. Nearly every forester, whether consciously or not, is helping to mold popular sentiment.

The majority of foresters who graduate from college go to work for the United States Forest Service. All these foresters that go to work for the Forest Service in a professional or scientific position are classified under civil service and these jobs require academic training at least equivalent to graduation from a recognized college or university offering a course of study in the fields involved.

The Forest Service is comprised of a large variety of laborers, ranging from forest ecologists, entomologists, pathologists and chemical engineers to clerks, stenographers and similar office workers. The starting salary for foresters employed by the Forest Service ranges from \$4,210 to \$7,670, depending on the field of study and experience.

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many public addresses, issue bulletins, write newspaper articles, and in every possible way bring this message to the people. If the forestry program is already established, his jobs will include fire prevention, forest planning, educational work, and management of State-owned forests.

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The final field of work for professional foresters is in private industry. The different types of jobs are the same as those in the other areas of employment with the exception that most of the work is concentrated on the production of wood and its by-products for consumption by the general public.

To those who choose forestry as



Foresters Prepare for Woodsmen's Weekend

their major, it must be remembered that "Intelligence, industry, honesty, and soundness of charac-

ter are the most important personal requisites of the successful forester."

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own society. It seeks to bring to the student selected insights, concepts and methods of social analysis and to familiarize him with our changing American society.

POLITICAL SCIENCE

Social Science 21, 22

3 Hrs. 2 Sem.

This course is offered to the student so that he may better understand our federal government. For the beginning student, principles are emphasized and explored in order to give him a sound knowledge of our intricate system of government. State, local and county governments are also studied by the student to give him a picture of government at the lower levels.

HUMAN RELATIONS

Social Science 31

2 Hrs. 1 Sem.

This course is designed to increase the student's understanding of social relations in our society. Its objectives are: (1) the study of group behavior; (2) the understanding of group motives, purposes and perception of others and of self.

THESIS

Thesis

2 Hrs. 2 Sem.

Individual reading and research, covering the student's major area of interest. Personal conferences are held periodically to assist the student in developing an insight into business problems and their solution.

Required of all seniors.

TYPEWRITING

BASIC COURSE

Typewriting

3 hours weekly until qualified

This course consists of an introduction to typing with a minimum speed requirement of 25 words per minute with special emphasis placed on business letters.

Forestry, Conservation and Wildlife Program

This two-year program, novel in approach and application, is a careful blend of technical and business training. Since all conservation fields, especially forestry, fall, at some time, into the business world, this training is soundly based on both fact and necessity.

Forestry majors take a required 40 hours of business training in addition to 36 hours of formal technical courses. To this must be added the eight weeks spent by all foresters in the field. This field work takes place between the two years at Nichols. In addition to summer work, the foresters have at their disposal some 25 acres on the Nichols campus. Field laboratory work is carried on in this area, particularly in the spring. This means that field work totals between 350 and 400 hours.

Several field trips take place each spring for second-year foresters. These give an opportunity for observation and discussion of "live" problems with men actually working in the field.

The technical program at Nichols is under the direction of Dr. Paul A. White, with the assistance of a group of technical advisors headed by Richard Potter of the Worcester Natural History Society.

Students passing all required Forestry program courses and earning 120 quality points are awarded the Associate in Business Administration Degree.

CURRICULUM FOR FORESTRY AND CONSERVATION
FRESHMAN YEAR

	Semester		
<i>1st Semester</i>	<i>Hrs.</i>	<i>2nd Semester</i>	<i>Hrs.</i>
Business Procedures	3	Business Procedures	3
Accounting	3	Accounting	3
Forestry Mathematics	3	Forestry Mathematics	3
English	3	English	3
Public Speaking	1	Public Speaking	1
Economic Resources	3	Economic Resources	3
Zoology	3	Botany	3
	—		—
	19		19

SOPHOMORE YEAR

	<i>1st Semester</i>		<i>2nd Semester</i>	
FOREST MANAGEMENT CURRICULUM				
Silvics	3	Silviculture	3	
Mensuration	3	Harvesting	3	
Wildlife Management I	3	Forest Management	3	
WILDLIFE MANAGEMENT CURRICULUM				
Silvics	3	Silviculture	3	
Mensuration	3	*Wildlife Management II	3	
*Wildlife Management I	3	*Wildlife Management III	3	
RECREATIONAL MANAGEMENT CURRICULUM				
Silvics	3	Silviculture	3	
Mensuration	3	Wildlife Management II	3	
Wildlife Management I	3	Recreational Management	3	
FORESTRY AND BUSINESS ADMINISTRATION CURRICULUM				
Silvics	3	Silviculture	3	
Mensuration	3	Forest Management	3	

*Instead of Wildlife Management elect *Marketing, Finance, Management*, or other business courses that fit your particular interest.

SOPHOMORES: Required 10 hours—Business Law, English, Economics, and Ethics-News Analysis.

SUMMER CAMP

	(8 weeks)	
Dendrology	6 hours a week	3
Surveying and Mapping	6 hours a week	3
Forest Entomology	10 hours	1
Wildlife Management	6 hours a week	3
Timber Cruising	100 hours	5
Nursery Work	25 hours	
Report	10 hours research	
Woods Work	25 hours	
Examinations	10 hours	
		—
	Total Hours (credit)	15

Description of Forestry Courses

FRESHMAN

ECONOMIC RESOURCES *Two semesters—3 hours lecture*

A survey of resources, including natural, human and social. The complete integration of all is emphasized. The second semester covers world economic geography with emphasis on climatology and the basic resources found in each climatic type. *Open to all students.*

ZOOLOGY *Fall semester—3 hours lecture—2 hours lab.*

General introduction to zoology covering structures and organization of the animal body, classification, reproduction and heredity. Laboratory requires dissections and drawings.

FOREST MATHEMATICS *Two semesters—3 hours lecture*

Review of basic algebra, geometry and trigonometry and beginning of the fundamental measurements and statistical methods employed in forest mensuration.

BOTANY *Spring semester—3 hours per week—2 hours lab.*

Basic botany covering the structure, identification, and basic physiology of the plant. Laboratory exercises in food storage, respiration and transpiration. Leaf collections as to types and species required.

SOPHOMORE

FOREST MENSURATION *Fall semester—3 hours lecture*

Advanced work in mensuration. Construction of volume tables, timber estimating, growth prediction and annual cut determination.

Prerequisites: Forest Mathematics, Summer Camp

SILVICS *Fall semester—3 hours lecture*

A study of the nature of forests and forest trees, their growth, reproduction and response to changes in their environment.

Prerequisite: Summer Camp

SILVICULTURE *Spring semester—3 hours lecture—2 hours lab.*

The art and science of applying management techniques and silvical principles to the forest in order to make it permanently useful.

Prerequisite: Silvics

FOREST MANAGEMENT *Spring semester—3 hours lecture*

Techniques in applying business methods and the technical forestry principles to a forest property.

Prerequisites: Forest Mathematics, Forest Mensuration, Summer Camp

HARVESTING *Spring semester—3 hours lecture*

A study of harvesting techniques and problems with special emphasis on cost factors and control of cost factors.

Prerequisite: Forest Mathematics

WILDLIFE MANAGEMENT I *Fall semester—3 hours lecture*

An introduction to the mechanics of game populations, factors which affect population curves, including cycles. The basic reasons for and philosophy of game management are discussed.

Prerequisite: Zoology

WILDLIFE MANAGEMENT II—TECHNIQUES

Spring semester—3 hours lecture—3 hours lab.

Discussions of the basic techniques of wildlife management including censusing, food and cover measurements, and food habits research.

Prerequisites: Wildlife I, Zoology

WILDLIFE MANAGEMENT III—MAMMALOLOGY AND ORNITHOLOGY

Spring semester—3 hours lecture—3 hours lab.

Brief coverage on classification, structure, special adaptations and habits for both. Special reports on game species required of each student. Laboratory exercises require detailed drawings of structure of mammals and birds.

Prerequisites: Wildlife I, Zoology

ECOLOGY SEMINAR *Fall semester—3 hours*

Discussions of how ecology and ecological principles apply to forestry, wildlife management and our everyday life.

Prerequisite: Approval of Instructor

FORESTRY SUMMER CAMP

Eight 44-hour weeks—Rutland Forest

DENDROLOGY *3 credits*

A study of woody plants, including trees, shrubs and vines, with special emphasis on classification, identification, habits and principal botanical features of forest tree species.

SURVEYING AND MAPPING

Familiarization with the basic tools of mapping and surveying including compass, chain, plane table, level and drafting tools.

CRUISING

Actual field work on several hundred acres; complete tallies, type maps and boundary line establishment required. Work done in teams with all men rotating positions.

WILDLIFE MANAGEMENT

Field work covering collection and preparation of museum specimens; simple aquatic biology and limnological methods.

FORIST ENTOMOLOGY

A brief survey of important forest pests with notes on control.

GENERAL NOTES

REPORTS

All sophomores are required to produce a full term report on either project work or library research. Project work may be started in the freshman year.

NURSERY

Small forest nurseries are maintained at both summer school and on campus.

ANIMALS

A small animal room is available for work. Bird pens, incubators and brooders for work and study on certain game bird species are also maintained.

FIELD TRIPS

Sophomores make at least two trips—one to a general operator's area (usually in Maine) and one to the lumber distribution center in the Boston area.

"NICON" (NICHOLS CONSERVATIONISTS)

The club for foresters and other interested students. Activities cover the full range of outdoor activities.

TRANSFER

Competent students completing the two-year program in Forestry and Conservation have the opportunity to transfer to senior college schools of Forestry. Students who exhibit exceptional ability may elect to complete the four-year Business Administration program at Nichols, graduating with a Bachelor of Business Administration Degree.

y, Massachusetts, December 16, 1965

Nichols Forestry Head Given Award

Among the ten outstanding conservationists presented awards at the Governor's Award banquet last week at the Hotel Kenmore in Boston was Dr. Paul A. White, director of the School of Forestry at Nichols College of Business Administration.

The awards program was conducted by the Massachusetts Wildlife Federation.

Presented Statuette

Dr. White was named by the federation as the "Forest Conservationist of the Year." He was cited at the affair for "his efforts — with the help of students — as rapidly making the Douglas State Forest a model for other states." He was presented a statuette with the citation "Forest Conservationist of the Year."

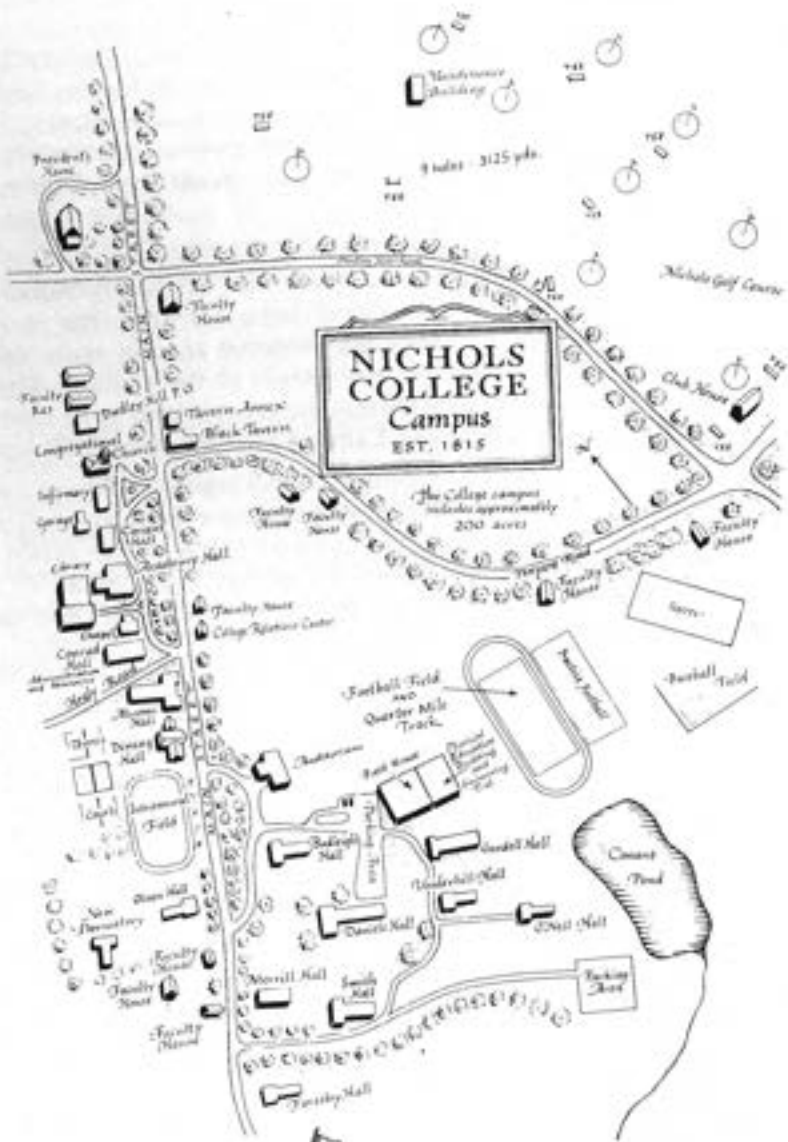
The Nichols director received a B.S. degree in Forestry and M.S. degree in Wildlife Management from the University of Massachusetts and a Ph.D. in wildlife and education from Oklahoma A. & M. College.

Dr. White has been associated with Nichols College for eight years. He served with the U. S. Army four years in combat intelligence and was discharged with the rank of Captain.



Dr. Paul A. White

1957



Forestry Hall
(1959-2001)

work together during the rest of the summer. Three crews were sent to the other field camp at Petersham, Massachusetts. Here each crew was given a compartment that it would survey and apply the forestry practices that were learned during the school year. We were to obtain the following data: determination of volume for the compartment, number of trees and increment borings for the last ten years growth of a tree; cumulative volume tally sheets were used to record the date, diameter of every tree within the certain plot, number of 16 foot logs per tree, species of trees in the plot, form, class, etc.

At the Petersham field camp, living quarters were a large Army quadrangle tent with 12 folding cots, a refrigerator, gas stove, small generator for lights, portable heating unit for washing dishes, Gaboon (garbage and can pit) and outhouse, complete with roof. Water was taken each day from a nearby spring and kept in a lister bag.

The average day at Petersham started at 7:00 A.M. with breakfast. We then got our crews and equipment together, after working in the field, came back in the late afternoon for supper. Lunch was taken along, which consisted

mostly of Gorp. Gorp sorters of any kind were frowned upon.

In the evening, most of the time was spent converting the field data and putting the information on the work map.

At the end of each week, two students volunteered to stay at the Petersham camp, while the rest of the men were convoyed back to Rutland for the weekend. Monday morning of the following week they were taken back to the Petersham camp.

When a few of the crews finished their assigned compartments, they were assigned a drift at the rear of the tent area. They were to cut down marked trees, buck them up in 4 foot lengths, and stack them in cords. The trees that were left standing were pruned 18 feet up all the way around the tree to prevent loose knots.

Meanwhile, back at Rutland the other half of the group was learning other forestry methods which foresters have to know. After the first crews finished at Petersham the field camps were switched and the men who were up at Petersham were back at Rutland and the others up to Petersham. The new group at Petersham were assigned compartments and they

were to follow the same procedures as the group before them.

On July 26, 1959 the Daniels School of Forestry put on a Field Day to which the public was invited. The events that were scheduled were: felling for accuracy splitting, speed chopping, pulg throw, buck-sawing, cross cutting and piling logs on a skid. All these events were against the stopwatch. Prizes were awarded to the winners for the shortest time in all the events.

The last week of summer camp was devoted to studying for our final exams in Botany. Also we had to prepare for our Forestry Math final on everything which we had learned during the summer.

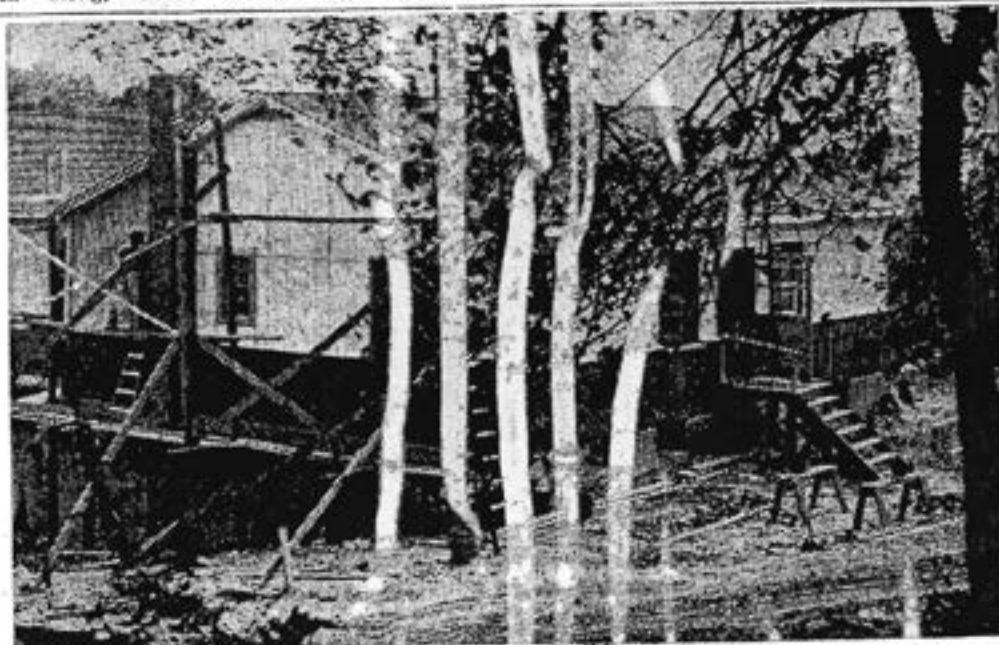
Summer camp was officially over on August 15, 1959. A good time was enjoyed by everyone. Just as anyone of us!

Foresters Attend Summer Camp At Rutland

On June 21, 1959, 24 Forestry students registered at the Daniels School of Forestry in Rutland, Massachusetts. The next day we started in on our rigorous schedule.

During the course of those 8 weeks in the field at Rutland and Petersham we were to learn the fundamentals of practices that Foresters use in everyday life. Plane tableing, elevation and bench mark practices, strip and line and plot cruising, practice with the transit and elementary surveying.

At the beginning of the second week at Rutland, the camp was divided into 6 crews, who would



New Forestry Building

The Bison Nov. 1959

1962

The Cruise Line

by GARY GRECCO

A change took place this year in the summer activities of the Nichols College Forestry Department. This change was in the form of a completely new summer course program. The 1952 summer course was unique in that it employed practical forestry work on state owned land. This relationship with the state division of forestry was a new, exciting and educational venture for the Nichols College Department of Forestry. For the first time the summer course offered training in actual forest problems.

at
DORM

Living in Underhill, the foresters commuted to the Douglas State Forest to receive their practical training. Located on the far side of Webster toward Douglas, Mass. the Douglas State Forest consists of about 3,500 acres of mixed hardwoods and softwoods with the hardwoods predominating; of this 3,500 acre tract the Nichols foresters were given the Northern Sector, about 1,200 acres, to put under intensive forest management. With the aid of Mr. Hannon and Mr. Lynch of the Massachusetts Division of Forests and Parks a suitable work plan was set for the eight week summer course. The summer course was so designed as to coordinate academic training with practical experience.

For a forester to be successful in his field he must have extensive technical knowledge and practical experience. The foresters this past summer received that technical knowledge and practical experience; or at least a part of it. The practical training they received covered the fields of timber cruising, topographic work, timber stand improvement, tree pruning, road construction, improvement cutting, and the establishing of continuous forest inventory plots. Interwoven with this practical training were the skills developed as a result of the use of forestry tools and instruments. While receiving their training the foresters became familiar with the applications and uses of such tools and instruments as; the Abney hand level, Wye level, transit, 100 foot steel tape, two chain trailer tape, compass, hypsometer, diameter tape, increment borer, and the plane table.



Earl's Shell Service, West Main Street in Dudley has opened its doors to Nichols for the second year. Garage equipment, good service, smiling faces and most important, convenience is the number one feature of the area. Drop in and

forestry in over thirty years. All main roads were graded and cleared. A partial thinning was performed in a section of red pine. Timber Stand Improvement, which is actually the releasing of desired species by killing the undesirables, was also accomplished in a large portion of this Northern Sector. Two continuous Forest Inventory plots were established in the forest. The specific purpose of these Continuous Forest Inventory plots is to provide information on the trees of the entire tract. The system is based on statistics and provides such information as; rate of growth, vigor, mortality, merchantability, and a host of other data. When compiled this data will make management of the Douglas State Forest simpler and more economical.

Aside from work in the field the foresters received classroom training in Dendrology, which is the identification and classification of trees, Entomology, and a general background course in forest regions of North America. The forestry profession is one of hard work and small rewards. The forestry students this summer worked hard toward a better understanding of forestry and forest problems. Through skill, experi-

Forests and Parks for the time and effort they put into the summer program.

For those of you with an interest in forestry and a desire to know more about this profession

I suggest you attend the next meeting of the Forestry Club on Wednesday, May 1st, at 7:30 p.m. in the Student Center.

AROUND CAMP

by DAVE LOMBA

New Grading System

For those academically talented students noted that this year's grading system

Mark of A	Value
Mark of A-	Value
Mark of B+	Value
Mark of B	Value
Mark of B-	Value
Mark of C+	Value
Mark of C	Value
Mark of C-	Value
Mark of D+	Value
Mark of D	Value
Mark of D-	Value

Band Looks Sharp

Excellent reports have been received from the members of the band.

with the hardwoods predominating; of this 3,500 acre tract the Nichols foresters were given the Northern Sector, about 1,200 acres, to put under intensive forest management. With the aid of Mr. Hannon and Mr. Lynch of the Massachusetts Division of Forests and Parks a suitable work plan was set for the eight week summer course. The summer course was so designed as to coordinate academic training with practical experience.

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Divided into teams of three they worked in the woods from eight in the morning until three thirty in the afternoon, five days a week. It would be impossible to cover in detail the work that they completed in this eight week period but the major phases of their work will be noted.

By the end of the eight weeks a complete inventory of the Northern Sector of the Douglas State Forest was available to the Massachusetts Division of Forests and Parks. The first complete inven-

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Those who took this summer course would like to express their thanks to Doctor White and Doctor Mathieu for setting up and putting into effect such an interesting and complete program. Special thanks are to be extended to Mr. Lynch and Mr. Hannon of the Massachusetts Division of

Forests and Parks for the time and effort they put into the summer program.

For those of you with an interest in forestry and a desire to know more about this profession

I suggest that you become a member of the most active club on the campus, the Nicon Forestry Club. Meetings are weekly on Wednesday night at 7:00 p.m. in Forestry Hall auditorium.

AROUND CAMPUS

by DAVE LOMBARD

New Grading System

For those academically talented students it should be noted that this year's grading system operates as follows:

Mark of A	Value of	4.0
Mark of A—	Value of	3.8
Mark of B+	Value of	3.5
Mark of B	Value of	3.0
Mark of B—	Value of	2.8
Mark of C+	Value of	2.5
Mark of C	Value of	2.0
Mark of C—	Value of	1.8
Mark of D+	Value of	1.5
Mark of D	Value of	1.0
Mark of D—	Value of	0.8

Band Looks Sharp

Excellent reports have been received concerning the Nichols College Band, under Mike Gilroy. Sounding more and more like 76 trombones, they are, through arduous practices, striving hard to instill into the student body a feeling of esprit de corps—a prerequisite for athletic contests.

Nichols Goes International

During the past summer several of our students participated in the Second Annual Nichols College European Study Tour, which took them to such renowned places as Brussels, Belgium, Copenhagen, Denmark, Paris, France, and London, England. The purpose of this trip was to study business political, and economic conditions that exist today on the European Campus.

DRAMATIC CLUB. This organization promotes student interest in dramatics. Several full-length plays are produced each year.

FORESTRY CLUB. The NICON Forestry Club has a twofold purpose: to create fellowship among Foresters and promote the forestry profession. These purposes are accomplished by weekly meetings and other club activities.

The meetings are highlighted by movies and prominent speakers in the field of Conservation and Forestry. The club sponsors a spring and fall Woodsmen's Field Day. From these events the men most skilled in woodsmanship are chosen to represent Nichols at the Northeastern Intercollegiate Woodsmen's Contest.

Each year the club activities are climaxed by the selection of the most outstanding senior as the recipient of the Forestry Trophy Award at graduation exercises.



FORESTRY HALL (1959)

The offices of the Forestry Department, three classrooms, a lecture hall, two laboratories, and small technical library are housed in this specially constructed classroom building. Forestry Hall is located in a corner of a thirty acre tract of land containing woods, fields, a small pond and brook in what is intended to be a particularly fine area for nursery development.

the Bison 5/17/1963

The Cruise Line

by GARY GRECCO



WOODSMEN'S WEEKEND

What are they doing down in the woods there? Well, for two months, members of the forestry school have been practicing for the annual Woodsmen's Weekend in May. Many of the boys have put in long hours of intensive practice for this spring event.

Unlike any other sporting event, a Woodsmen's Weekend is a test of proficiency in a variety of events ranging from fly casting to speed chopping. What is so unusual about it? Well, you can't be good only at fly casting or speed chopping, you've got to be good in all events. You compete as a team in almost every event of the weekend. The entire weekend is a colorful and exciting one for everyone involved. Even if you are a spectator you may find yourself involved in the rush of events.

It's a hard and long road to perfecting a team which can compete with the best of them in every event. This year we feel we have one of the best teams ever. A lot of sweat, shouting, running, and plain hard work went into this year's team.

The following men have been chosen by Pete Morrison, team captain, to represent Nichols at the weekend:

"A" Team

Jeff Rauch
Bob Cathow
Pete Morrison (captain)
Mike R. Eash
Dick Johnson
Gary Grecco
Bob Heald (alternate)

"B" Team

Seve Wingate
Hugh Standish
Buck Dempsey
Reg Boutwell
Fred Hurley (captain)
Pete McGivney
Dave Medlyn (alternate)

The men listed above will spend the fourth and fifth of May on the campus of the University of Maine, where the weekend will take place. The two Nichols teams will compete with teams from such schools as: MacDonald College (Montreal), West Point, Colby College, University of New Brunswick, Dartmouth, Paul Smith's College, University of New Hampshire, University of Massachusetts, Middlebury College, University of Connecticut.

and the University of Maine. The entire weekend should be one of keen competition and good sportsmanship. With some of the top colleges and universities in the Northeast competing the battle for first place is going to be a long and hard one.

All the teams competing will enter all events in order to qualify for first place. All team members will participate in all team events and only members of respective teams may compete. Following is a list of events that will constitute the weekend.

- Fly Casting for Accuracy
- Bait Casting for Accuracy
- Tree Felling for Accuracy
- Crosscut Sawing
- Buckawing
- Speed Chopping
- Canoe Racing
- Splitting
- Pulp Throwing
- Scout Loading
- Fire Building
- Pack Board Race
- Log Rolling
- Canoe Portage Race

The program is a very complete one and leaves little time for anything else. The Nichols Forestry Club is proud of the job their sponsored teams have done at these annual weekends. We hope to be even prouder when we return. Special thanks is to be extended to Eric Hofer and Dick Nichols who coached us through many difficult periods. Their strong enthusiasm was a definite boost to all members of the team.

DELL'S BARBER SHOP

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Nichols Boys
Always Welcome

2nd Semester

- Silviculture
- Managerial Acc.
- Arboriculture
- Landscape Architecture

Continued on Page 10

THREE FIELDS OF STUDY OFFERED

FORESTRY PROGRAM GOES TO 4 YEARS NEXT SEMESTER

Nichols College is proud to announce another step forward in the field of Forestry! For several years we have been the only private school in New England offering a 2-year program in this field. We now present a four-year program in Forestry and Business Administration.

It is indicative of the acceptance and support of our 2-year program that our Trustees authorized the expansion without question. We were charged only to "make it the best program of its kind."

In expanding our program, we have been careful not to lose the balance between the 3 areas considered essential to the good forester. As you go through the curriculum, notice the hard core of business training, the careful selection of technical courses, and the attention to the area of Liberal Arts.

Summer Camp will take place between the Sophomore and Junior year. As in the past, this 8 weeks experience will concentrate heavily on practical field work. All foresters (or related fields) must know how to handle themselves and the tools of their trade under conditions which often must be described as rigorous. The 'physical' side of forestry must be experienced and learned by anyone seriously interested in this field.

The Summer Work Experience will be required between the Junior

and Senior years. This will be of at least 8 weeks duration, in a position approved by the Head of the Forestry School. It is felt that this experience will further strengthen our students' knowledge of their field and at the same time prepare them to take better advantage of their senior year classes.

We will continue to offer 3 fields of major study; Forest Management, Wildlife Management and Park Management. At the end of his Sophomore year a student may select the field in which he wishes to concentrate. This choice is made with the full help and cooperation of the forest faculty.

The forestry faculty is also deeply committed to the development of the forester as a Man! The professions of handling our National resources demand men of integrity, strength, both physical and moral, and dedication. The long hours, the physical and mental obstacles, the disappointments, and the loneliness can only be conquered by qualities such as those above. The ability to make decisions, alone, must be nurtured, and developed. These additional responsibilities are gladly accepted by the forestry faculty.

The total program is designed to produce a Man of service; of service to himself, community and country. The men who manage our natural resources so that we may all enjoy them and benefit from them, are truly servants of all men.

The Dish 5/1963

T 1963

Following students were graduated with honors: Richard A. Zarfagna Cum Laude; Robert T. Sum Laude; George Pagnotta, Cum Laude; Charles Smith, Robert Stein, Hugo Pagliccia, Lewis Lyle Fox, Henry Hart, and Haslun, Honors.

Following students received degrees in Forestry: Bradford Blaser, Thomas Henry Flannery, Robert Emery Catlow, Benjamin Minardi, Raymond Angles, Joseph Walker Mackie, Arnold Boardman Howe, Jr. (orian), Philip Burleigh Fuller, Russel Hodgdon, Malcolm Phinney; Geoffrey Alan Bradford Gene Goodrich, William Dalton, Carl Stephen Peter Houston Stowe, John Haight, Eric Llewellyn Hofer, Kirk Burden Hurley, Jr., Dan Clark, John Burt (Valedictorian), Robert Joseph Cusson, James Roberts, Jr., Gary John Greaves, Donald Steele, Richard Jr., and John Michael Eash.

Following received B.B.A. degrees in Marketing: Nathan Weston, Robert Edmondson, Peter Maurice Brusosch, Paul Guy, Robert Hugo Pagliccia, Jr., Robert Sizer, Joseph Thomas Maunderick Lyons Hickey, Jr., Len Stroller, Louis Albert DeWilliam Walter Wurtz, Don George Kraft, Donald William Robert Gerald Falkenstein, James Potter, Herbert Leeson, Charles Jeffrey Francis Davenport Hunter, Arthur Stanley J. Urban, Jr., Wilward Linton, Jr., Bradley Volbeck, Ross Hunter Chamberge Harold Zimmer, James Weindel, Robert John Sharp, Ron Warder, and Michael

Following students received degrees in Management: Michael Leahy, Richard Linton, Frederick Wayne Hardt, Steven Fox, Charles Robert Joseph Ernest Simonelli, Kennedy Wrightson, Donald Iera, Henry Hall Hart, Edaulding Shepard, Richard

Walter Winters, John Lane Anderson, George Anthony Pagnotta, Paul John Opacki, Raymond Frederick Essig, Joseph Theodore Michonski, Arthur Leonard Simonelli, Russell Charles Benjamin, Jr., Paul Andrew Virostek, David Edgar Kiddoo, Francis L. Scovill, III, Kenneth Milton Bigelow, Bruce Ivar Haslun, Gordon King Eustis, Eugene Potter Cenci, Dana Alvord Jewett, Jr., Thomas Halsey Niles, Stephen Sargent Davis, Joseph Ensign Lovejoy, William Slater Cleary, Bernard Lawrence Pate-naude, Jr., Alvah O. Rock, Frederick James Meyer, Henry A. Taylor, III, James Alexander Bolster, Timothy Brian O'Mara, Costa Anthony Carantzas, George Vath Euler, Peter Kendall Chamberlin, Donald Wesley Hick, Jr., Richard Gray Houlberg, Allen Theodore Olsen, Donald Brewster Strong, Glen Lewis Nelson, Richard Warren Scheffler, and Peter Hartford Smith.

The following received B.B.A. degrees in Finance:

Ross Mathieson Weale, Harold Dorlin Mable, Jr., George Stirling Dates, Frans Jaap Keesing, John William Heller, and Seth Kisenge N.

The following received B.B.A. degrees in Accounting:

William Frank Keats, Barry Zolot, Edward P. Koziak, Paul Robert Chapdelaine, David Francis Dwyer, Philip Owen Davis, Francis Paul Gevry, Paul Y. Fontaine, Lewis Cook Parker, III, Robert Coomes Ashley, and Richard Alexander Zarzecki.

FORESTRY SCHOOL BEGINS FOUR-YEAR PROGRAM

Nichols College is proud to announce another step forward in the field of Forestry. For several years we have been the only private school in New England offering a 2-year program in this field. We now present a four-year program in Forestry and Business Administration.

It is indicative of the acceptance and support of our two-year program that our Trustees authorized the expansion without question. We were charged only to "make it the best program of its kind."

In expanding our program, we have been careful not to lose the balance between the three areas considered essential to the good forester. As you go through the curriculum, notice the hard cores of business training, the careful selection of technical courses, and the attention to the area of Liberal Arts.

Summer camp will take place between the Sophomore and Junior year. As in the past, this 8 weeks experience will concentrate heavily on practical field work. All foresters (or related fields) must know how to handle themselves and the tools of their trade under conditions which often must be described as rigorous. The "physical" side of forestry must be experienced and learned by anyone seriously interested in this field.

The Summer Work Experience will be required between the Junior and Senior years. This will be of at least 8 weeks duration, in a position approved by the Head of the Forestry School. It is felt that this experience will further strengthen our students' knowledge of their field and at the same time prepare them to take better advantage of their senior year classes.

We will continue to offer 3 fields of major study; Forest Management, Wildlife Management, and Park Management. At the end of his Sophomore year a student may select the field in which he wishes to concentrate. This choice is made with the full help and cooperation of the forestry faculty.

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*Sumner News
Sept. 1963*

The Curricula

The curricula are designed to provide students with majors in one of six areas — Accounting, Finance, Management, Marketing, Forest Management or Park Management. In order to graduate, it is necessary for the student to have completed successfully one hundred thirty-two semester hours, and in addition, satisfactory summer work experiences of eight weeks' duration between the Sophomore-Junior, and Junior-Senior years. The Forestry majors must pass successfully an eight week Summer Camp between the Sophomore and Junior years, and in addition, an eight week summer work experience between the Junior and Senior years.

The Freshman and Sophomore years contain required courses only. In these two years, the student is exposed to introductory courses in each of the 6 majors. By the end of the Sophomore year, the student must determine in what area he wishes to specialize. During the Junior and Senior years, Nichols men concentrate on required professional courses but are permitted to choose other technical and cultural courses as electives. The College requires a minimum of twelve semester hours of courses in the general studies area during the final two years to insure a broadened background. This requirement is in addition to those included in the first two years so that, in effect, the student receives 50 percent professional courses and 50 percent general studies or liberal arts courses. The Nichols graduate is thus prepared to step out into the business community professionally qualified as well as being socially and ethically oriented toward his fellow men.

BUSINESS ADMINISTRATION COURSES

FRESHMAN YEAR							
Course	No.	Description	Cr.	Course	No.	Description	Cr.
Acct.	11	Intro. to Acctg.	3	Acct.	12	Intro. to Acctg.	3
Engl.	11	Composition	3	Engl.	12	Composition	3
Fin.	11	College Math	3	Fin.	12	College Math	3
Soc. Sci.	15	Sociology	3	Soc. Sci.	16	Appl. Psych.	3
Human.	11	Am. History	3	Human.	12	Am. History	3
				Eng.	14	Public Speaking	3
			15				18
Phys. Ed.			0	Phys. Ed.			0
Typewriting			0				

SOPHOMORE YEAR

Course	No.	Description	Cr.	Course	No.	Description	Cr.
Engl.	21	Literature	3	Engl.	22	Literature	3
Econ.	21	Prins. of Econ.	3	Econ.	22	Prins. of Econ.	3
Engl.	23	Communication	3	Soc. Sci.	22	Political Science	3
*Acctg.	21	Managerial Acctg.	3	Mgmt.	22	Prins. of Management	3
Mktg.	21	Prins. of Mktg.	3	Fin.	22	Prins. of Finance	3
Human.	22	Foundations of Fine Arts	3	Human.	24	Logic	3
			18				

*Acctg. Majors take Intermediate Acctg.

ACCOUNTING MAJOR

JUNIOR YEAR							
Course	No.	Description	Cr.	Course	No.	Description	Cr.
Acct.	31	Advanced Acctg.	3	Acct.	32	Advanced Acctg.	3
Acct.	33	Cost Accounting	3	Acct.	34	Cost Accounting	3
Econ.	31	Business Law	3	Econ.	32	Business Law	3
Econ.	35	Statistics	3	Econ.	36	Statistics	3
Business Elective			3	Non-Business Elective			3
			15				

SENIOR YEAR

Course	No.	Description	Cr.	Course	No.	Description	Cr.
Acct.	45	Acctg. Systems	3	Acct.	36	Inc. Tax	3
Acct.	47	Auditing	3	Human.	32	Philosophy	3
Science	41	Biological Science	3	Science	42	Biological Science	3
Senior Seminar and Thesis			3	Senior Seminar and Thesis			3
Non-Business Elective			3	Business Elective			3
Business Elective			3				
			18				

FINANCE MAJOR

JUNIOR YEAR							
Course	No.	Description	Cr.	Course	No.	Description	Cr.
Econ.	31	Business Law	3	Econ.	32	Business Law	3
Econ.	35	Statistics	3	Econ.	36	Statistics	3
Fin.	31	Managerial Finance	3	Fin.	32	Managerial Finance	3
Fin.	33	Finan. Statement Anal.	3	Fin.	34	Credit and Collections	3
Business Elective			3	Non-Business Elective			3
			15				

GERMAN

3 Hours, 2 Semesters
Humanities 43, 44. The aim of this course is the acquisition of a facility in oral expression of the German language. In the first semester a study of inflections and of essential elementary syntax will be undertaken with drills in the basic structure of the language and the development of a working vocabulary. In the second semester emphasis will be placed on the reading and translation of some elementary German texts with special attention to the oral and written composition of the German language.

SCIENCES

SOCIOLOGY

3 Hours, 1 Semester
Soc. Science 15. This survey course imparts to the student a general knowledge of the science of sociology, the study of people, their behavior, relationship, and reaction to one another. It is directed toward a better understanding of the society in which we live and of other societies, and of the groups and people that compose them. A study is made of behavioral patterns and the interaction of people to people, society to society, and group to group, to enable the student to comprehend the environment in which he will eventually engage in business.

APPLIED PSYCHOLOGY

3 Hours, 2 Semesters
Soc. Science 16. In a general introduction to the basic principles of psychology, the interrelationships of personal, social, biological, industrial and behavioral needs within our competitive society are stressed, directed toward personal, academic, social, and business success.

POLITICAL SCIENCE

3 Hours, 1 Semester
Soc. Science 22. Emphasizing constitutional principles, the fundamentals of federal, state, and local government are presented so as to give the student a general knowledge of historical background and current operation. The functions of governmental instrumentalities dealing with business are given particular attention. Also encompassed in this survey course is a consideration of the United Nations and the position of the United States in relation to this international body.

INTRODUCTION TO THE PHYSICAL SCIENCES, *3 Hours, 1 Semester*

Science 35. A survey course covering a review of the basic concepts of the physical sciences and their use in our modern world in the fields of business, travel, medicine and research.

BIOLOGICAL SCIENCE *2 Hours Laboratory, 2 Hours Lecture, 2 : Science 41, 42.* A course designed to develop an awareness that a whatever form, is understandable through the same basic principles of the phenomena associated with metabolism, growth, reproduction, genetics and evolution are covered. Laboratories will demonstrate basic principles and functions.

SOCIAL PSYCHOLOGY

3 Hours, 2 : Soc. Science 45, 46. This course is an analytical critique of the nature of our age, of its sociological, philosophical, and psychological origin, development, and of possible solutions. The course is reading, discussion research oriented with social psychology as the centrifugal unifying

INTRODUCTORY GENETICS

3 Hours, 1 Science 47. An introductory course which will consider the physics of inheritance, pure lines, and hybrids. The structure of genes and somes, meiosis, and mutations will also be covered.

FORESTRY COURSES

BOTANY

ELEMENTARY BOTANY *3 Hours Laboratory, 2 Hours Lecture, 1 Botany 11.* The study of plant structure and function with relation to and environmental influences on growth, development, and reproduction. Economic aspects and geographical distribution are emphasized.

ELEMENTARY BOTANY *3 Hours Laboratory, 2 Hours Lecture, 1 Botany 12.* A survey of the plant kingdom, from the lower plant to the seed plants. Plant classification, with emphasis on seed plant included.

Prerequisite: Botany 11.

DENDROLOGY

2 Hours Laboratory, 2 Hours Lecture, 1 Botany 21. Identification of woody plants and the development of taxonomic relationships of the economically important forest Angiosperms and Gymnosperms.

Prerequisite: Botany.

TREE PHYSIOLOGY

3 Hours, 1 Botany 23. The basic functions of plants and how growth, development and reproduction are influenced by the basic physiological functions. Effects of heredity and environment on the adaptive capacity of wood

Prerequisite: Dendrology.

ECOLOGY

3 Hours, 2 Semesters

Botany 31, 32. The fundamentals of ecology. Principles and concepts, population and community ecology, the habitat approach and applied ecology. Designed to precede application of ecological principles in conservation and forestry.

Prerequisites: Zoology and Botany.

FOREST MANAGEMENT

FOREST MENSURATION AND STATISTICS 3 Hours, 1 Semester

Forest Management 22. Fundamentals of measurement as applied to forest mensuration. The various forms of measurement are considered and then applied to the individual tree, the log, and the stand. Sampling, stand structure, site quality and stand growth are considered.

Prerequisite: Mathematics.

SILVICULTURE 3 Hours Laboratory, 2 Hours Lecture, 1 Semester

Forest Management 24. The art and science of applying management techniques and ecological principles to the forest in order to make it permanently useful.

Prerequisite: Tree Physiology.

FOREST SURVEYING 3 Credits - Summer Camp

Forest Management 25. Field and classroom study of elementary plane surveying with emphasis on basic methods of measuring linear and angular distance and the solution of related problems. Essential techniques of lettering and drafting necessary for the proper presentation of forestry work is also stressed.

Prerequisite: Mathematics 11, 12.

AERIAL PHOTO INTERPRETATION 3 Credits - Summer Camp

Forest Management 26. Laboratory and classroom study of basis techniques involved in the use of aerial photos in forest management. Emphasis is placed on solution of mensurational and land use problems, including forest engineering.

Prerequisites: Forest Management 21.

FOREST MENSURATION AND STATISTICS 3 Hours, 1 Semester

Forest Management 31. The fundamentals of statistical methods and the application to forestry problems. Machine computation, graphic techniques, frequency distributions, sampling, and tests of significance are covered.

Prerequisite: Mensuration.

FOREST UTILIZATION

3 Hours Lecture,

Forest Management 33. Classroom study, with supplemental field work, the commercial process involved in producing useful forest products. Economics and "service" aspects of the forest is also covered, with emphasis on the relationship of forest management and forest utilization.

Prerequisite: Forest Management 25, 26.

SOILS

2 Hours Laboratory, 2 Hours Lecture,

Forest Management 34. Soil origins, structure and texture and their effect on plant-soil-water relationships and fertility with respect to trees of economic importance. Chemical and physical analysis of soils.

FOREST MANAGEMENT 3 Hours Laboratory, 2 Hours Lecture

Forest Management 41. Development of cutting budgets, estimation of allowable cut, cutting cycle and growth rate under even-aged and uneven-aged forest conditions. The concept of optimum level of stocking and optimum use of yield tables and volume tables is also studied with timber management.

Prerequisite: Forest Management 24, 26, 33.

FOREST MANAGEMENT 3 Hours Laboratory, 2 Hours Lecture

Forest Management 42. The overall management and operation of a forest property as a productive enterprise, with emphasis on integration of silviculture and concepts of mensuration, silviculture, utilization, economic aspects and human relations in the context of a practical operation of forest ownership. The development and use of working and management plans are also considered.

Prerequisite: Forest Management 41.

FOREST PROTECTION

3 Lectures,

Forest Management 43. The study of that part of silviculture which deals with the protection of the forest against various injurious agencies. Emphasis will be placed on fire, in all its aspects. Protection against insects and disease will supplement material present in Forest Management 41.

Prerequisite: Forest Management 43.

FOREST PESTS 2 Hours Laboratory, 2 Hours Lecture,

Forest Management 44. For forest and park management men. Study of insects and pathogens peculiar to the trees of the forest. Method of identification of organism and damage, and control will be covered.

Prerequisite: Zoology.

SENIOR SEMINAR AND THESIS

3 Hours, 2 Semesters

1st Semester. Seminar study of each major. Study of the application of ecological principles in depth and their importance in each of the major fields.

2nd Semester. Entire Senior class meeting together. Discussions of the inter-relationships between all land management fields, the contributions of one field to another, and general ecological studies in land management.

PARK MANAGEMENT

PARK PLANNING AND DESIGN

3 Hours, 1 Semester

Park Management 32. A survey of the trends and demands of the public for passive and active recreation facilities. The policies underlying the basic general and specific criteria for the acquisition and development of National, State, and Urban Parks. Planning and designing basic facilities essential for administration, and recreational purposes.

ARBORICULTURE

3 Hours Laboratory, 2 Hours Lecture, 1 Semester

Park Management 34. The care and maintenance of individual specimen trees. Diagnosis and corrective practices for trees affected by disease, insects, and environment. Tree pruning, bracing and cabling, fertilization and aeration will be covered.

Prerequisite: Tree Physiology.

INTERPRETIVE PROGRAMS

3 Hours, 1 Semester

Park Management 41. The use of all the Natural Sciences as a means to develop the interest of park patrons in the natural resources of the area and their conservation. The use of audio-visual in displaying and interpreting the park features is emphasized.

SENIOR SEMINAR AND THESIS

3 Hours, 2 Semesters

1st Semester. Seminar study of each major. Study of the application of ecological principles in depth and their importance in each of the major fields.

2nd Semester. Entire Senior class meeting together. Discussions of the inter-relationships between all land management fields, the contributions of one field to another, and general ecological studies in land management.

ZOOLOGY

ZOOLOGY

2 Hours Laboratory, 3 Hours Lecture, 1 Semester

General introduction to zoology covering structures and organization of the animal body, classification, reproduction and heredity. Laboratory work includes dissections and drawings of representative specimens.

INVERTEBRATE ZOOLOGY

2 Hours Laboratory, 2 Hours Lecture, 1 Semester

Zoology 31. A study of the major invertebrate Phyla, their structure and their importance to other organisms.

Prerequisite: Zoology

MAMMALOLOGY

3 Hours Laboratory, 2 Hours Lecture, 1 Semester

Zoology 41. Consideration of the mammals including life histories, characteristics, and identification (both laboratory and field). Laboratory work includes the preparation of specimens.

Prerequisite: Zoology.

ORNITHOLOGY

3 Hours Laboratory, 2 Hours Lecture, 1 Semester

Zoology 42. Consideration of the birds including life histories, characteristics, economic importance, and field and laboratory identification.

Prerequisite: Zoology.

ICHTHYOLOGY

3 Hours Laboratory, 2 Hours Lecture, 1 Semester

Zoology 43. Study of the fishes including life histories, characteristics, and economic importance.

Prerequisite: Zoology.

SERVICE COURSES

(non-credit)

DEVELOPMENTAL READING

1 Hour, 2 Semesters

This course is required for all students who do not meet adequate standards of reading proficiency set up by the Guidance Department. The program is the teaching of rhythmic reading through phrasing, and training to improve perception and eye-span. Techniques of skimming and intensive study-reading skills are inculcated, with note-taking and vocabulary development as additional goals. The course uses modern audio-visual equipment and professional methods.

PHYSICAL EDUCATION

2 Hours, 2 Semesters

All students, unless excused by the Athletic Department, must enroll in a satisfactory physical education course. All courses meet two days per week for a total of one hour per week. Beginning students are required to submit a medical report from their physician. Based on these findings, students may be permanently or temporarily excused. Students are not permitted to enroll in physical education courses until they have met the requirement.

FORESTERS COMPLETE TRAINING

Twenty-two students enrolled in the Nichols College School of Forestry completed eight weeks of intensive forestry field training on August 8th at the Nichols College School of Forestry Summer Camp in Douglas, Massachusetts.

For eight weeks the students could be found running boundary surveys, cruising timber, carrying out Timber Stand Improvement work and performing thinnings in overstocked stands. The forestry students learned to use the tools and equipment that a forester uses in his everyday work.

All of the training was carried out in the Douglas State Forest, an area of some 4,000 acres. State Forestry personnel assisted in giving forest fire training and training in Continuous Forest Inventory. Nichols College faculty members in charge of the group included Dr. Paul F. White, Director of the Nichols College School of Forestry, Timothy G. O'Keefe and Marshall T. Wiebe, instructors at the college.

A field trip for each of the major interests was conducted—in the areas of wildlife management, park management and one to a sawmill for the forest management students.

The Bison 11/30/1964

Nicons Create Bond of Friendship

As stated in the Nichols College Catalog, the Nicon Forestry Club has a twofold purpose: to create fellowship among Foresters and to promote the forestry profession. The Nicon Club produces among the forestry students a common bond of friendship through activities of an outdoor nature and disseminates to the members information concerning the various aspects of forestry. Herein lies the opportunity for broadening your knowledge of the field of endeavor to which you plan to devote your life. The Forestry Club also provides an opportunity to have a "good time" of a respectable, enjoyable, and rewarding nature.

All this is brought about by the Club's activities. These include films and lectures presented by knowledgeable professional foresters and conservationists, the annual dinner of wild game contributed by Club members who experience a successful hunting season, various field trips, and the taking

part in school activities. An example of this is the exhibition of woodsmen's skills put on between halves of all home football games. This also serves as a warmup for the annual spring and fall Woodsmen's Field Day, from which are chosen our school's most skilled woodsmen. These men represent Nichols at the Northeastern Intercollegiate Woodsmen's Contest.

A common misunderstanding about the Club is the idea that its membership is open only to forestry students. This is not so. The Club cordially welcomes all students, day or resident, business or forestry, freshman, or sophomore, junior or senior, who are in any way interested in the out of doors.

If all those students sincerely interested in forestry join the Forestry Club, and, along with all those who have already joined, put forth the effort necessary to insure the success of the Club in fulfilling its objectives, the benefits reaped will be extremely rewarding.

The Bison 9/30/1964

The Bison 9/30/1964

NORTHEASTERN INTERCOLLEGIATE WOODSMEN'S WEEKEND

The first Northeastern Intercollegiate Woodsmen's Weekend was held in 1947 at the University of Maine. It has been put on annually on approximately the first weekend in May ever since. The contest originated from the desire to preserve the fun and skill involved in the use of the tools of the lumberjack, as well as to keep alive the rough pride and intense loyalty among this vanishing breed of men.

Participating Schools

The first meet, in which Dartmouth, Kimball Union Academy, and the University of Maine participated, was a success. This year, along with the University of Maine, Dartmouth, and Nichols, the following schools are expected to be represented: Paul Smith's University of Connecticut, United States Military Academy, University of Massachusetts, Middlebury College, Colby College, and Macdonald College of Quebec.

The Events

Although the size of the contest has been greatly enlarged, the scope of the original events has been maintained. The three broad categories of competition with the contest are the Woods events, the Water events, and the Fishing events.

The Woods events include Speed Chopping, Log Rolling, Pulp Throwing, Scoot Loading, Bow Sawing, Cross-cut Sawing,

Tree-Felling, Log Splitting, the Pack Relay, and Fire Building.

Included in the Water events are the Single Man Canoe Obstacle Course, the Two Man Canoe Obstacle Course, and the Canoe Portage.

Fly Casting and Bait Casting for accuracy comprise the Fishing events.

Through these many different individual events almost all of the

lumberjack's tools and skills are brought into play.

Sportsmanship

The personal skill of the contestants in this Meet is great. Skill, however, is of only secondary importance as compared with the exceptionally high level of sportsmanship and the general spirit of friendship which have characterized this unique contest since its beginning eighteen years ago.



NICHOLS "A" TEAM — Left to right: Robert Catlow, Captain Michael Eash, David Snoddy, Peter McGivney, Reginald Routwell, Stanley Dempsey. Absent: Brad Goodrich, Alternate.

The Wood 5/1/1965

The Bison
May 1, 1965

Forestry Club Ends Year in Blaze of Glory

Since this is a commencement issue, I should try to say something good about the years that this senior forestry class has spent at Nichols. If I can finish this article without criticizing something or someone, it will be the first time in the two years I have written for the BISON.

Good Representation

This year's senior forestry class is a mixture of forestry students who graduated from the two-year program. The majority of the students are from the class of 1963, but there are some from years before. They have furthered their education at other institutions before they returned to Nichols. Some of the schools that were attended by these students, and at which most of the students did well, were Arizona State College, University of Wyoming, Utah State University, University of Massachusetts, and West Virginia University.

When these students returned, the forestry club again had a core of capable leaders. With the experience that these students gained at other schools, the forestry club again had a wide variety of mem-

by

Ron Schmitt, '65

bers that were willing to work to improve the club, the forestry school, and the business school.

It is impossible to list all the activities that the forestry club has performed in the last four years, but to give you an idea of how active the forestry club has been, I would like to elaborate on a few of these programs.

Tremendous Success

The activities officially started with Homecoming last fall. The foresters again were in charge of the student activities for that weekend. Although we had planned for a three-day weekend, the weekend was still the biggest success of any previous fall weekend. In addition to the dance on Saturday evening, the foresters also put on a woodsmen's demonstration between the periods of the soccer and football games.

The next big activity of the year was the game supper. This year it was held in January at the "200" Sportsman's Club in Webster. As usual, this was a tre-

mendous success, serving nearly 200 people.

Finally, we put on the 18th Annual Northeastern Intercollegiate Woodsmen's Weekend on May 1 and 2. This was the biggest athletic event that this college has ever held. The success of this venture can be placed on the entire membership of the forestry club. About nine months' work was put into the event, and the results proved that the work was well worthwhile. We had about 800 spectators plus the team members from Colby College, Dartmouth College, Paul Smith's College, University of Connecticut, University of Maine, University of Massachusetts, and the United States Military Academy. The triumph of this major event was a very fitting close to the major accomplishments of the forestry club in 1964-65.

So, in closing, I would like to say that I have enjoyed my years at Nichols, and that I will miss many things. I may leave this school only to return at Homecoming, but the memories of my days at Nichols will live on forever.

The BISON 5/4/65

The BISON June 4, 1965



NO MORE FORESTERS

Earlier this year, Dr. Gordon B. Cross, president, announced that the forestry department would be phased out because its objectives are not compatible with those of a business college.

Cross said that by making the change, the school has returned to its original objective — that of being a specialized college of business administration.

Woodsmen, Nicons, Lumber Bunnies — these were some of the titles students majoring in forestry were called, but the names carried no disrespect. The foresters were often called the "spirit of the college."

"They had a great deal of departmental spirit, a closely knit group of boys who tried to maintain identity as a group," Cross says.

The foresters all lived in the same dormitory, had their own club, held similar interests and were often seen at extra-curricular activities together.

The foresters' spirit was seen in their participation in the rugged sport that is a symbol of their future profession — woodsmen's competition.

Competing with schools like the University of Massachusetts, Dartmouth, the U.S. Military Academy and University of Maine, the Nichols team captured first place in 10 of 13 events at the 22nd Northeastern Intercollegiate Woodsmen Championship last year.

Former Forestry Department Head Dr. Theodore Mathieu says that when most students entered the forestry field, they "thought a forester was a glorified boy scout, riding on horseback and fighting rattle snakes. Well, they learned fast. It's lots of hard work."

"You have to build trails, fight forest fires, control diseases, produce trees for lumber. It's a tough job," Mathieu adds.

The forestry program at Nichols began in the fall of 1954 under industrial demand for foresters with business training. The program's aim was to provide foresters with specific technical training, along with the knowledge of business practice.

Major in the department included park management, wildlife management and forest management.

Cross stated that the board of trustees felt that the strain of supporting the forestry school was too much to continue.

1-2-1970
The Record Nov. 2, 1970



Foresters Reunite

They called themselves woodsmen, Nicons and lumber bunnies

and participated in activities that would rival the handy work of Paul Bunyan. Others called them the spirit of Nichols College and undoubtedly one of the tightest knit groups the College has ever known.



On June 12, the Nichols College foresters – students in the Forestry Program or members of the Woodsmen's Club – returned to campus for a long-awaited reunion weekend and a chance to reconnect with their roots.

"This event has been in the planning for two years," says **Ron Schmitt '65**, who was excited about this opportunity for his fellow foresters to reunite. At publication time, more than 35 alumni were expected to attend and scheduled to stay in one of Nichols' newest residence facilities, geothermal Copper Beech I. The weekend plans included many opportunities for gathering, touring the campus, and viewing photos of their forestry days.

The School of Forestry was established in 1954 to meet an industrial demand for foresters with a business background. It was the only such program in the country at the time to offer business management and forest management together at the undergraduate level. Long before communing with nature became trendy, Nicons (Nichols conservationists) were learning to preserve the abundant resources and promote the many recreational opportunities provided by the forests while earning specializations in park management, wildlife management and forest management.

Foresters co-existing with pure business students had a certain air of incongruity on campus. "They knew we were different," remarks

Jonathan Ives '67. "The business students dressed like businessmen and the forestry students dressed like, well, foresters." The differences went deeper still, according to Schmitt. "Many of us worked part time at the local farm, so we came to class with that farm smell," he says.

Fashion differences aside, all students were invited to compete in the rugged outdoor activities of the Woodman's Club, where avid arborists pursued their real passion. In spring meets of the Northeastern Intercollegiate Woodmen's Contest, against rival schools such as West Point, Dartmouth, Maine, Middlebury, Paul Smith's College, Colby, UMass, UNH, UConn, and the University of New Brunswick, foresters tested their might in tree felling for accuracy, speed chopping, splitting, bow saving, pulp throwing, speed sawing, canoeing, log rolling, pack board races, fire building, scoot loading, and fly casting.

"It was very competitive," recalls Ives. "In the four years I was there Nichols won the championship two years," including 1965 when the College sponsored the event.

The annual game dinner was also a special treat for the campus. Foresters hunted grouse and pheasants in the local area and deer throughout the state. The menu could also consist of rabbit, squirrel, woodcock,

The Bison

Woodsmen's Team To Compete At West Point



The woodsmen's team of Nichols College will be competing in the annual Woodsmen's Competition at West Point, N.H. The team will be competing in a variety of events including axe throwing, crosscutting, and wood splitting. The team is led by Coach [Name] and consists of [Name] and [Name]. The team is excited to represent Nichols College at this prestigious event.



duck, bear and moose. "We sold tickets to students and faculty and had it at a local rod and gun club," says Ives. "It was a very popular event."

The Forestry Program was phased out in 1970 when the College decided it was in conflict with the objectives of a business school. By that time, more than 100 graduates earned either an associate's or bachelor's degree with a concentration in forestry management at Nichols. Some of them went on to compete professionally in woodmen sports; others found success in business. Still others, like Ives, a semi-retired environmental consultant living in Washington State, found their Nikon niche in the best of both worlds.

All in all, the foresters enjoyed close ties and memorable experiences during their time at Nichols. "And the education was great," says Schmitt. "You couldn't ask for anything more."

The "tombstone" installed near Budleigh Hall says it all: 1954-1970, The Best Damn Group That Ever Lived!



At their reunion weekend, foresters gather around the tombstone that marked the end of the Forestry Program.