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EAST LANSING, MICHIGAN

May 10, 1926

CHITTENDEN REVIEWS FORESTRY WORK

*Head of College Department Tells of Development of Experimental Work;
Need Shown for More Room for Department; Enrollment
Increase Heavy.*

By A. K. CHITTENDEN
Professor of Forestry

Forestry work at the Michigan State college has been considerably increased in scope during the past year. The College now receives \$1,500 a year from the federal government under the Clarke-McNary Act to assist in financing extension work in forestry, and \$2,000 a year under the same act to assist in raising trees in the forest nursery for distribution at a low price to farmers. We also receive up to \$500 a year from the Port Huron Sulphite and Paper company to buy white spruce seed in order to raise trees for distribution to farmers for the production of pulpwood on the farms in the state.

With this assistance from the federal government and the Port Huron Sulphite and Paper company the scope of the forest nursery has been greatly increased. Large or ornamental trees are not raised for sale but a much larger area is being placed in seed beds for the production of small trees for forest and windbreak planting. Trees raised under the co-operative agreement with the government are to be used only for farm planting. Since 1909 over 3,700,000 trees have been shipped from the nursery for planting in the state. At the present time the supply of trees is entirely inadequate to meet the demand and a second nursery is being established at the Dunbar Experiment station near Sault Ste. Marie.

This Experiment Station, covering 577 acres, was given to the College last year and is being used for experimental work in forestry and agriculture. It promises to develop into one of the finest forest ex-

perimental stations in the country. Located on the St. Mary's River, sixteen miles south of Sault Ste. Marie, it is ideally situated as to lumber and pulpwood markets. About 450 acres are under forest, consisting largely of spruce and balsam, some of which is now large enough for pulpwood. The tract has been placed under forest management with a research assistant in local charge. Fire lines have been constructed around the tract and this spring a sixty foot steel lookout tower will be erected through cooperation with the conservation department.

The tract contains an excellent second growth of softwoods and thinnings will be made where necessary as rapidly as practicable. There is also a forty of mature hardwood which will be cut over so as to obtain natural reproduction.

Last fall ten acres of stump land were planted to white pine and this spring twenty acres will be planted to various species of soft woods. Cutting and planting plans have been prepared for the area and it is hoped to make an ideal forest which will serve as a demonstration of forest management for the region.

The station is equipped with excellent buildings and is being used as a permanent summer forestry school. Its proximity to the large sawmills and wood-using industries at Sault Ste. Marie makes it ideal for this purpose.

A considerable amount of research work in forestry is also being carried on at the College. This winter the white pine plantation, the Pinetum, which is now 34 years old and is one of the oldest pine plantations in the state, was thinned for the first time. The trees had practically ceased diameter

growth due to crowding. The stand was opened up by removing about one-third of the trees, reducing the stand in volume by one-fifth. While this thinning removed a large number of trees, those taken out were the smaller ones, and the general aspect of the plantation has not been changed. The growth of the remaining trees should be stimulated by the thinning.

Other projects that have been carried on are a study of second growth hardwood stands, which led to the publication of one of the few yield tables available for this type of forest. It was found that second growth hardwoods, unthinned, are growing at the rate of about three-quarters of a standard cord an acre a year, and that they will produce saw logs in about 75 years.

Experiment station bulletins on forest planting in Michigan, on the improvement of farm woodlots and on Christmas tree plantations have been revised and republished.

Professor Herbert has just completed a study of forest insurance with special reference to fire hazard and condition in Michigan. It is felt that forestry on private lands will not progress far upon a large scale until the plantations and the investment can be insured against loss at a reasonable premium in the same way that other investments may be protected. With improved fire protection, insurance companies are showing an interest in this class of insurance and the study was made to determine a fair basis for adjusting the rates in various types of forest.

A good deal of work has also been done on the growth and yield of woodlots. Thinnings were made in the College woods and permanent sample plots established in a number of places with a view to collecting data on the growth of the woodlot over a long number of years. Similar work has been done on plantations in the vicinity of East Lansing.

Mr. Dressel has just completed a detailed study of the results obtained under

the present woodlot tax act which grants partial exemption from taxation to farm woodlots and plantations. He found that benefits were obtained under this act in most cases and that in those cases where the act had apparently not worked out satisfactorily the reason was usually due to misunderstanding.

A considerable number of foreign and exotic trees have been introduced into the forest nursery. Many different species of tamarisks and poplars have been planted with a view to finding a tree that will succeed on the sand dunes along the lakes, which will bind the sand and be immune to insect attack. A few years ago a number of varieties of nut trees were brought in and also a few trees from China and India. A part of the forest nursery has been set aside for these foreign trees and a number of small permanent plantations of native species have been made near the river.

The increased enrollment of students in forestry has resulted in a crowded condition in the Forestry building and more laboratory room is urgently needed. Graduate work has been developing. This year we have had four graduate students in forestry and a high grade of work has been accomplished. The College offers excellent facilities for research in wood technology and in nursery practice and, with the use of the Dunbar station, we are offering advanced work in forest mensuration and management. The opportunities for such work are, I believe, exceptional.

At its meeting on March 17 the committee of the State Board appointed to consider the matter of having fraternity houses built on the Campus reported favorably after a series of meetings and discussions. The matter will be further studied in respect to the relation of such a plan to the College as a whole before ground is set aside or other action is taken looking toward the fulfillment of this request.

TRACK MEN SET NEW RECORDS

Varsity Continues Practice of Lowering Marks for College Field; Alderman First in Four Events Against Detroit City College; Distance Men Do Well.

In the Drake Relays on April 24 State featured in the quarter and half-mile relays. Alderman also ran the century in :09.9 but this could not compare with the performance of Roland Locke, Nebraska, who covered the distance in :09.5, a new world's record.

In the half-mile relay, Alderman, running as anchor man for the Varsity, opposed Locke again. Alderman gained four yards on his opponent, the unofficial time being :21. Captain Grim, running third for State, negotiated his 220 yards in :20.6, which is two-tenths of a second below the world's mark. It is stated that the performance of Alderman and Grim in this event was phenomenal considering the condition of the track.

In the quarter-mile relay State came in behind Nebraska and Missouri. Alderman, Grim, Farley and Lord composed the State quartet in this event.

State had little difficulty in defeating Detroit City college on College field May 1, score 74 1-2 to 56 1-2. Again Alderman stood out with firsts in the 100, 220, javelin and broad jump for a total of 20 points. In the broad jump he broke his own College record, leaping 23 feet 3-4 inches. Although Grim did not amass as many points and firsts as his teammate rival, he covered himself with glory by bettering the 440 mark of DeGay Ernst, setting the time of 50 seconds. In this event Grim opposed three of the best quarter milers in the middle west. It was his final sprint that put him ahead and for a new mark.

The distance men scored heavily against Detroit. State took all places in the mile, Harper, Van Arman and Berney finishing in the order named. In the two mile run Lang of City College nosed out Thomas, State, with Belt coming in third. Tillot-

son easily won the discus throw, 128 feet, with Paul Smith second with a heave of 120 feet.

Summary follows:

100-yard dash—Won by Alderman, M. S. C.; second, Grim, M. S. C.; third, Streng, D. Time—09 7-10 seconds.

Mile run—Won by Harper; second, Van Arman; third, Berney. All M. S. C. Time—4:39.

220-yard dash—Won by Alderman, M. S. C.; second, Streng, D.; third, Grim, M. S. C., Time—20 9-10 seconds.

120-yard high hurdles—Won by Spence, D.; second, Van Noppen, M. S. C.; third, Mattison, M. S. C. Time—15 3-10 seconds.

440-yard dash—Won by Grim, M. S. C.; second, Pauschert, D.; third, Blanchard, D. Time—50 seconds flat (new meet record).

Two-mile run—Won by Lang, D.; second, Thomas, M. S. C.; third, Belt, M. S. C. Time—10:09 4-10.

220-yard low hurdles—Won by Spence, D.; second, Doherty, D.; third, Van Noppen, M. S. C. Time—24 3-10 seconds.

880-yard run—Won by Wylie, M. S. C.; second, Ripper, M. S. C.; third, Hill, D. Time—2:01 4-10.

Mile relay—Won by Detroit (Lampman, Pauschett, Blanchard, Griffiths). Time—3:31 3-10.

Pole vault—Won by Smith, M. S. C.; second, Hallock, D.; third, Doherty, D. Height—10 feet 6 inches.

High jump—Doherty, D. and Huntington, D., tied for first; Kurtz, M. S. C. and Blomfield, D., tied for third. Height—5 feet 6 inches.

Broad jump—Won by Alderman, M. S. C.; second, Doherty, D.; third, Zuber, D. Distance—23 feet 3-4 inch (new meet record).

Shot put—Won by Zuber, D.; second, Smith, M. S. C.; third, Doherty, D. Distance—41 feet 8 3-4 inches.

Discus throw—Won by Tillotson, M. S. C.; second, Smith, M. S. C.; third, Doherty, D. Distance—128 feet 8 5-8 inches.

Javelin throw—Won by Alderman, M. S. C.; second, Smith, M. S. C.; third, Doherty, D. Distance—165 feet 1 1-4 inches.



VIEWS AND COMMENT



During the past few years forestry has been developing rapidly in Michigan. The increased interest is largely due to the realization that forestry is a land use problem. Michigan has a large area of land that is practically idle. It has been rendered so by repeated fires that have prevented young growth of trees from coming up and by the fact that much of it is unsuited or is not needed at present for agriculture.

Large areas of cut-over lands have been, and are still being allowed to revert to the state in lieu of taxes. The relatively high taxes on cut-over land and second growth timber has discouraged land owners from holding such lands for future timber crops. This situation has, however, been relieved to some extent by the passage of the Pearson Timberland Tax act at the last session of the legislature. This act reduces the annual taxes on timberlands under certain conditions and places a cutting or harvest tax on the timber, thus making the greater part of the taxes come at a time when the land owner obtains returns from his investment.

The realization also that forests are essential for the continued development of the state as a summer resort and for the perpetuation and increase of the supply of game, has added to the interest in forestry. Without forests many sections of the state will lose their attraction as a summer playground. The beauty of the state depends in a large measure upon the forests.

The large area of farm woodlots, containing an immense potential supply of timber, form a reserve that will soon be called upon to help out our failing timber resources. The comparatively small area of state and national forests should be increased. Under the Clarke-McNary act

the federal government is about to buy additional land for national forests in the state. The forest planting on these state and national forests is now large but at the present rate it will take several hundred years to plant up all the land in need of such work. Planting on private lands is increasing. Trees for this purpose are being furnished both by the College and by the conservation department. About 9,000 acres were planted to trees by all agencies together in Michigan last year and the area planted will be larger this year.

Realizing the need for concerted action in accomplishing reforestation the forestry department of the College has adopted the following program which it is urging in cooperation with other agencies in the state for the improvement of forest conditions:

1. Adequate appropriations for the prevention of idle land and land too poor for farming.
3. Extension of state forests by exchange of tax lands and enlargement of the Michigan national forests.
4. A gradual increase in the area of land planted to trees each year on the state forests and on the Michigan national forests.
5. Proper care and handling of farm woodlands.
6. Care and planting of roadside trees; the development of city and county forests and the employment of competent foresters to look after such work.
7. Instruction in forestry in the primary schools.
8. Provision for financing a comprehensive plan of fire protection and reforestation.

A FORESTRY SUMMER CAMP



REGIONAL DISTRIBUTION OF BIRDS

J. W. Stack of Zoology Department Tells Where Various Species Are Found; State Ideally Fitted to Attract Great Variety of Bird Life.

From a geographical standpoint Michigan is one of the most interesting states in which to study bird life, stretching as it does for over four hundred miles from the prairie lands on the south and ending in the beautiful evergreen forests of the north. The shores of the Great Lakes on the east and west boundaries enclose a vertiable land pocket over which a countless number of birds migrate annually. In a general way the state may be roughly divided into five topographic divisions. (1) The prairie or open field region; (2) the marsh regions adjacent to the Great Lakes, inland lakes and rivers; (3) the old pine forest belt; (4) Jack pine plains; and (5) the hardwood forests. These in general are the surroundings in which various birds spend at least a large part of their lives. It is obvious that some of the

more common birds will be found in all of these divisions and that there is an overlapping of the less common forms.

The lobe of prairie land extending from Illinois and Indiana into the central southern counties is emphasized here and there with higher hummocks and ridges. Wooded bordered streams cut their meandering channels through the level expanse of fields. Circling above the open regions one may see the white-rumped marsh hawk and less frequently the turkey buzzard. In the newly plowed lands adjacent to the highways such birds as the killdeer and prairie horned lark are found. The meadowlark, lark sparrow and bobolink are partial to the meadows and weedy thickets as also is the prairie chicken, which in certain areas is apparently in numbers. Along the streams of the open country the bronzed grackle,

cowbird, yellow and sycamore warblers, hermit thrush, brown thrasher and catbird hold forth. On the elevated portions of the plain such forms occur as the cardinal, blue jay, quail, occasionally the mockingbird, tufted titmouse, and Carolina wren. Seldom can an auto trip be taken without seeing the flicker and red-headed woodpecker dipping from pole to pole along the highway, or the shrike pinning his prey to the barbs of fences or trees.

In the large marshes the pied-billed, grebe or hell-diver, mallard duck, blue-winged teal, coot, bittern, great-blue heron, and red-winged blackbird may be found nesting. During the fall migration thousands of ducks and geese use the marshy areas for feeding and nesting.

In the pine forest area farther to the north the bird life is somewhat restricted due to the smaller variety of available food. Here are found the hairy, pileated and three-toed woodpeckers, red and white-bellied nuthatches, brown creeper, tufted titmouse, black-capped chickadee, winter wren, blue and Canada jays, red-shouldered and sharp-shinned hawks, barred, great-horned, long-eared, and screech owls, cross-bill, pine finch, black and white, blackburnian, pine and black-throated green warblers.

The barren Jack pine plains has gained world wide reputation from the fact that one of the rarest of our warblers, the Kirtland's warbler, has been found nesting in its limits. In addition to this the sparrow family enjoys the solitude of the charred forest and one may see vesper, chipping, field, and tree sparrows, junco, indigo bird, chewink, black-billed cuckoo, sparrow hawk, flicker, hairy woodpecker, white-breasted nuthatch, cedar waxwing, kingbird, house wren, chickadee, nighthawk, catbird, brown thrasher, and red-eyed vireo.

In the hardwood forest the hairy, downy, and pileated woodpeckers, winter wren, sapsucker, white-breasted nuthatch, chickadee, wood pewee, hermit and wood thrushes, vireos, red-shouldered, broad-

winged, and Cooper's hawks, rose-breasted grosbeak, scarlet tanager, ovenbird, redstart, blackburnian, and black-throated blue warblers, occur.

Scarcely a trip can be taken without flushing the ring-necked pheasant which adds to the color if not to the benefit of our bird life.

Michigan has developed an enviable reputation for her numerous lakes and the bird life on and adjacent to these water areas, offering unusual opportunities for cultivating the powers of observation as well as for purposes of health and recreation.

VARSAITY RUNS UP TWO HEAVY SCORES

Two events, scheduled as baseball games were played on College Field on May 1 and 4, with equally disastrous results for the invaders. In the first encounter Lake Forest was the adversary and failed to reveal the cunning and prowess which its representatives brought with them as pig-skin toters last fall. They were completely vanquished, 20-5. On the fourth, Olivet opposed the varsity for five innings and in that time was soundly walloped, 11-0. Neither exhibition brought out a thrill or a semblance of baseball for the crowd, many leaving during the early innings.

Lake Forest collected six hits, five runs and made eight errors during its appearance while State made 22 bingles for 26 runs and performed without an error. "Lefty" Tolles did the mound duty for the Varsity but after five innings, Coach Kobs sent Bremer in. The latter had little difficulty in holding Lake Forest, although Kobs called in his first string men from all corners of the lot to give his reserves a chance.

Rain hindered the Olivet game, as it was called in the fifth. Kuhn allowed but one hit, a single down the right field foul line. Nine visitors struck out in a wild attempt to score. Baynes made the only er-

ror for the Varsity. By the third inning the game had become such a burlesque that the State batsmen were ordered to hurry the game and the Olivet pitcher struck out five men in the third and fourth.

OLIVET	AB	R	H	PO	A	E
Wiest, ss	2	0	0	0	1	0
Mellwain, 1b	1	0	0	4	0	0
Keister, cf	2	0	0	0	1	0
Brant, c	2	0	0	7	1	0
Collins, lf	2	0	1	0	0	0
Mason, 2b	2	0	0	1	3	0
Sampson, 3b	2	0	0	0	1	0
Quick, rf	2	0	0	0	0	0
Baker, p	0	0	0	0	0	1
Brumm, p	1	0	0	0	2	0
Totals	16	0	1	12	9	1

MICHIGAN STATE	AB	R	H	PO	A	E
Zimmerman, rf	1	1	1	1	0	0
Rinehart, lf	3	1	2	0	0	0
Fleser, cf	3	0	0	1	0	0
Fremont, c	3	1	1	8	1	0
Kiebler, ss	3	2	3	0	0	0
Rowley, 3b	2	2	1	0	0	0
Baynes, 2b	3	2	2	1	0	1
Speikerman, 1b	3	1	0	4	0	0
Kuhn, p	0	1	0	0	2	0
Totals	22	11	10	15	3	1

Olivet	0	0	0	0	0	0
State	0	11	0	0	x	11

Stolen bases—Rowley, Kuhn. Sacrifices—Mellwain. Two base hits—Kiebler, Zimmerman. Three base hits—Kiebler. Struck out—Kuhn, 9; Brumm, 6. Bases on balls—Baker, 2; Brumm, 1. Hit by pitcher—Kuhn by Brumm. Hits off Baker—6 in 1 and 1-3 inning. Losing pitcher—Baker. Let on bases—Olivet, 2; State, 3. Umpire—Green.

LAKE FOREST	AB	R	H	PO	A	E
Pratt, lf	4	0	0	3	0	0
Alberts, ss, 3b, p	4	1	1	2	6	0
Dickson, rf	4	0	0	0	1	1
Roskie, cf, c	4	2	1	2	2	1
Enos, c, 1b	2	0	0	1	1	1
Nelson, cf	1	1	1	1	1	1
Molengraft, 2b, p	4	1	2	3	2	1
Johnson, p	2	0	0	0	2	0
Pottman, p	2	0	0	0	0	0
Stang, 3b, ss	3	0	1	4	2	3
Totals	34	5	6	24	17	8

MICHIGAN STATE	AB	R	H	PO	A	E
Zimmerman, rf	3	4	2	2	0	0
Davis, 2b	1	0	0	0	0	0
Haskins, lf	2	3	1	0	0	0
Rinehart, lf	0	1	0	0	0	0
Hoy, ss	0	0	0	0	0	0
Fleser, cf	3	3	3	0	0	0
Caruso, c	2	1	1	4	0	0
Fremont, c, cf	5	2	3	9	1	0
Kelley, cf	1	0	0	0	0	0
Kiebler, ss, lf	5	2	2	2	2	0
Tolles, p	5	2	2	0	1	0
Bremer, p	1	0	1	0	1	0
Rowley, 3b	6	2	2	0	3	0
Raynes, 2b, rf	4	3	2	2	1	0
Speikerman, 1b	2	3	2	5	0	0
Macier, 1b	2	0	1	3	0	0
Totals	42	26	22	27	8	0

Stolen bases—Zimmerman, Haskins, Kiebler, Baynes, Bremer, Roskie. Two base hits—Rowley, Tolles, Fleser, Boskie, Enos. Home runs—Zimmerman. Three base hits—Molengraft. Sacrifices—Kiebler. Struck out—By Tolles, 7; Bremer, 6. Bases on balls—Johnson, 4; Pottman, 3; Molengraft, 2; Alberts, 3; Bremer, 1. Hits off Tolles, 3 in 5 innings; off Bremer, 3 in 4 innings. Hit by pitcher—Haskins. Wild pitch, Bremer. Passed ball—Roskie, Caruso. Let on bases—Michigan State, 5; Lake Forest, 4. Umpire—Vandenberg.

The Baseball Season at a Glance

- April 1—Fort Benning 7, State 5. There
- April 2—Fort Benning 1, State 4. There.
- April 3—Mercer 1, State 0. There.
- April 5—Alabama Poly 8, State 5. There.
- April 6—Oglethorpe 1, State 5. There.
- April 14—Albion 2, State 7. At home.
- April 17—Bradley Poly 3, State 18. Home.
- April 21—Michigan 6, State 1. There.
- April 29—Syracuse 3, State 4. At home.
- May 1—Lake Forest 5, State 26. At home.
- May 4—Olivet 0, State 11. At Home.
- May 8—Butler 7, State 4. At Home.
- May 13—Hope vs. State. At home.
- May 15—St. Viator vs. State. At home.
- May 19—Michigan vs. State. At home.
- May 22—Ohio State vs. State. At home.
- May 27—Western State vs. State. At home.
- May 29—Armour I. T. vs. State. At home.
- June 2—Western State vs. State. There.
- June 5—Notre Dame vs. State. At home.
- June 12—Notre Dame vs. State. There.
- June 19—Alumni vs. State. At home.

CLASS NOTES

'08

Francis Kiefer is in the logging business, shipping pulpwood by vessel to the United States and between times preaches fire prevention. Kiefer adds: "Visited the College early in March this year, first return since graduating in '08. Consider M. S. C. now as always foremost in agriculture and consider the forestry course a leader of the first order." Kiefer is president of the Canada Forwarding company, offices in Port Arthur, Ontario.

'09

J. A. Mitchell, 2107 Knapp street, St. Paul, Minnesota, is silviculturist with the Lake States Forest Experiment station, headquarters at the university farm at St. Paul. "My work consists of forest fire studies in Michigan, Wisconsin and Minnesota, analyzing forest fire statistics and fire weather. One of the most agreeable features of my present position is that it gives me a chance to get back to the College once in a while and keep in touch with things. Am delighted with the progress that has been made in the past three years and look to still greater things in the future."

'10

W. F. Gilson sent in his bit: "In 1920 a man told me of the new 'Garden of Eden' in the delta of the Rio Grande and it resulted in our acquiring a tract of land and moving here with a view of planting an orchard and growing fruit. Our efforts have been well rewarded. Temporarily, I am also engaged as collector for an irrigation district, but my ambition is to spend my entire time producing fruit. Had the pleasure to call at the College in August last summer. There is much evidence of growth and prestige in the fine new buildings. Best wishes for the future." Gilson can be reached at Brownsville, Texas.

'11

Huber C. Hilton is forest supervisor of the Medicine Bow forest at Laramie, Wyoming. "I manage to keep busy at it and at the same time enjoy the work. Two M. S. C. men are working with me here, Don Clark, '24, and W. C. Buckner, '25. My family, wife and son, visited in Wisconsin last fall but did not reach Michigan."

Dear Editor:

Your letter asking for news for the forestry and outing number of THE RACON has overtaken me during a field trip into Missouri, Tennessee and Texas. I am delighted that you are doing this and gladly contribute my bit.

I am with the U. S. department of agriculture in Washington, D. C. as extension forester.

My office is with the forest service at 930 F street, N. W., but the nature of my work takes me frequently to the office of cooperative extension work. I try to maintain an intimate contact with the extension service and the forest service of the department, so, to a considerable extent I represent both of them. My duties are primarily to help the forest service to get its information into the channels of the several state extension services. It is a peculiar combination which results in some foresters looking upon me as an "agriculturist", while all those whose interests are centered in agriculture are sure that I am a forester. Sometimes I fear that I am neither; but if I am successful I find that I must be a teacher.

A little over a year ago Congress passed the Clarke-McNary act which among other things, made available funds for assisting farmers with their forestry problems. The department spends those funds cooperatively with any of the state agricultural extension services that wish to include farm forestry as a part of their program. As a more or less direct result twenty-seven states have entered into cooperation and each has employed a forester to serve as leader.

The close relationship between agriculture and forestry at Michigan State college helps to fit forestry graduates to be leaders in a line so closely related to farming. Many of the states have chosen graduates from their own schools who are already familiar with local conditions, so that we can be particularly proud of the work of three M. S. C. foresters. Frederick C. Wilson, '11, is extension forester in Wisconsin; Thomas W. Skuce, '24, is in West Virginia, and Raymond F. Koodsma, '13, is in Michigan with headquarters at the College.

One of my duties is to visit each of the extension foresters on his own ground where I can get acquainted with the farm forest problems which he is trying to help solve. Each such visit results in the discovery of new ideas, or perhaps better ways of doing those things which have become commonplace through familiarity. All of these I try to carry to the other men, either directly or by means of letters and articles. Fortunately, the work is not cursed with any idea of inspection, but is being developed to the end that the Washington office may help each state to make progress in methods of extension teaching, and thereby get bigger and quicker results.

As for myself, I live outside of the city of Washington in Bethesda, Maryland where my wife and five children can combine some of the advantages of country living with those which are offered by a great city.

With best wishes for the success of this issue,
I am Sincerely yours,

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'15

"Glad to hear you are putting out a forestry issue. Have often wondered what has become of my old classmates and others who have studied the tree and all its branches." M. R. Brundage is forest examiner in charge of timber sales on the Stanislaus national forest in California.

E. C. Mandenburg, 306 Marshall street, East Lansing, is with the bureau of agricultural industry in the state department of agriculture. "At home we have three youngsters, two prospective foresters and one co-ed.

John DePagter is now director of parks at Kenosha, Wisconsin, having taken that position after being city forester at Grand Rapids.

'16

E. G. Hamlin is supervisor of Wakefield township, Gogebic county, and lives at Thomaston. "Am married and have one child, an M. S. C. man for the class of 1946. When you down-state Staters take your summer vacation plan it so that you will make Gogebic county and we will show you some real scenery and some of the best roads in the state."

Fred A. Thompson is retort forman with the Federal Creosoting company at the Manville, N. J. plant. "I was at the College in February and called on the forestry department and looked over all the new buildings. It certainly has changed a lot since 1916. The Union Memorial building is a masterpiece."

'17

Phillip H. Hodgkins is now in the real estate business and doing timber appraisals and examinations on the side. His office is at 653 Main street, Laconia, N. H. Hodgkins writes: "Laconia is in the lake section of the state and is one of the beauty spots of New England. It lies just south of the White mountains where I spent three years in connection with my work in the forest service. My work is very enjoyable and I still feel myself a forester even though I have strayed somewhat from the beaten path."

'18

Henry Dorr writes: "I have been in Medford, Wisconsin, since August 5, 1920 as bookkeeper for the Medford Lumber company. Have enjoyed living here very much. The summers are beautiful but the winters are long. The Medford Lumber company ceases operations on July first as their timber holdings are exhausted and that means that I'll be looking for another position. Wish to leave the commercial field and go into teaching or forest research."

'20

R. E. Hetrick writes: "Am employed by the Ford Motor company at Iron Mountain as dry

kiln operator, preparing lumber for the famous 'Lizzie'. I was married last summer to Ruth Beneshok of Gladstone. We have purchased a modern bungalow. Our address is 1107 Kimberly avenue."

B. H. Bentley is managing two retail lumber yards for the Jefferson City Lumber and Coal company, Jefferson City, Tenn. "Am married and have one daughter, five months old. Upper east Tennessee is progressing with great strides at present and will soon be one of the foremost lumbering sections of the nation. Have not been in East Lansing for some time but am planning to be there again within the next year."

I. V. Anderson, 4185 Howe street, Oakland, California, is assistant to the chief in the office of forest products in District Number 5 of the forest service, headquarters at San Francisco. "I am very well pleased with my present surroundings, eternal sunshine, roses, sunkist this and that, etc. Although mine is not the supreme and glorified satisfaction of a native son, I enjoy it as only a native of the wind and storm swept arctic waste of Michigan. I have received the latter conception since my introduction to California newspapers, whose weather impressions sometimes savor very strongly of that gentle animal of Spanish fighting fame."

G. A. Garratt is completing his first year as assistant professor of forest products at the Yale school of forestry. "I find plentiful opportunity for intensive study of the various phases of forest products and an especially promising outlook for the future. Roll call at home finds Barbara Lillie Garratt, '20, putting the theory of homemaking to practice and Stephen Masters Garratt, age 18 months, in active training for the State football team of 1943 or thereabouts. Our address is 109 W. Elm street, New Haven, Connecticut."

W. E. Webb is superintendent of parks at Mitchell, S. D. "Like the work, wonderful people and a great country. Can show any M. S. C. man some real duck, chicken, goose and pheasant shooting if they drop in during the season. Have a new ten-weeks old forester that is being trained for the State football team. Regards to the old gang."

Ovid A. Alderman is in charge of state forests and parks in Ohio. "We have 25,000 acres of forest land now under state control and expect to double that area within the next two years."

'21

Walter F. Jones, principal at the high school, East Stone Gap, Va., writes: "When the roll for foresters is in order you can always count on me. While I am not running true to form my heart still beats true. I visited the College last summer and things had changed so much that I felt like an 'out of date' stranger. How-

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ever. I was glad that 'out of date' feeling pertained to me and not to the College. I felt proud of the old school that is ever new and I would be glad indeed if some day she could in a small way be proud of me."

'22

Robert Bevier is a salesman for the Lorraine Milling company, Detroit. His headquarters are at 621 St. Paul street, Baltimore, Md.

Carl F. Martin writes, "Am raising cattle on cutover lands in northern Minnesota. Also selling wood, lath and box lumber. Fires have been the worst in years this spring. My wife, Mildred Clymer Martin, w'21, says I should mention the fact that we have a future forester and also a co-ed for State."

Daniel DenUyl is taking graduate work at Cornell university. "M. S. C. and Cornell seem to be rather closely affiliated as one hears a good bit of State at this place. "The DenUyls live at 209 College avenue in Ithaca, N. Y.

George R. Phillips is state forester of Oklahoma and lives at 2220 W. 22nd street in Oklahoma City. "Visited the College last fall and was mighty glad to see the building going on. Down here State has a mighty good reputation. Mrs. Phillips (Martha Steward, '23) and I wait any Staters who happen this way to make our place their headquarters."

'23

Robert Brevitz, 220 Calhoun street, Battle Creek, is tree specialist for the Battle Creek district of the Consumers Power company. "Plan to start in the tree surgery business for myself about May 1. Was married last August and we are enjoying life. Staters are always welcome."

Russel O'Neil, 70 Park avenue, Madison, N. J., writes: "At present I am employed as a foreman by the Davey Tree Expert company—still sticking with our friends, the trees. I have been located in New Jersey for the past two years and have spent my winters in the company's institute at Kent, Ohio. Now that we have made contact again I hope to keep in touch with the College and receive THE RECORD regularly."

Carl Fenner is assistant city forester of Lansing. He lives at 129 Hodge avenue. "Like my work and am very busy." Fenner has written a series of articles for the Lansing Capital News on the care of trees and shrubs on city properties.

'24

Thomas Skuce writes: "Since leaving the Campus I have been located here in extension work with West Virginia university. I find it very interesting. A great deal of my time is spent in travelling about the state."

H. J. Lutz, Cordova, Alaska, is technical advisor on the Chugach national forest. "The Chugach is Uncle Sam's most northern wood-lot, part of it lying north of 61 degrees latitude. It covers five million acres and has about 3,000 miles of coast line. My work consists of timber sales administration. Most of our travel is by boat. I expect to leave this forest about September 1 to take a research scholarship in silviculture at Yale."

Chester Archbold is at the Tongass national forest at Petersburg, Alaska. "Most of my travel is done by boat, my work consisting of cruising, laying out sales for operators and scaling logs after they have been rafted for transportation. There are also 60 blue fox ranches on my range with the added work of making appraisals of them. We sell piling to the big canneries. I am having the time of my life and learning a lot. Mail reaches me at Petersburg, Alaska."

L. E. Sawyer is adjunct professor of forestry at Georgia State College. "On January 27 my wife, June Clark Sawyer, '24, presented me with a son, George Clark, and at present he promises to be a husky fellow."

A. C. McIntyre calls Flagstaff, Arizona his home. "On the go most of the time during the field season. Married a year ago and both of us like the west a heap. Plenty of elbow room and air. Much has been said and written about Arizona and, as far as we have found out, it is all true."

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