

*"M. A. C. Cannot
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For Her Future?"*

THE M.A.C. RECORD

Vocational Teacher Training Work Begun.

Farmers' Week Program, March 4 to 9.

Ned Lacey '14, Writes From Italy.

February State Board Meeting.

PUBLISHED BY
THE MICHIGAN AGRICULTURAL COLLEGE ASSOCIATION
EAST LANSING, MICH.

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THE M. A. C. RECORD

VOL. XXIII.

EAST LANSING, MICHIGAN, FRIDAY, FEBRUARY 22, 1918.

NO. 22

NEW FARM TRACTOR COURSE.

In response to the war time need of production, a two-weeks' course in Farm Tractors is to be given at M. A. C. during the two weeks following the Winter Short Courses. The course will begin on March 4th and extend to March 15th, and will be given by the Department of Farm Mechanics with Professor H. H. Musselman, '08, in charge.

The purpose of the course is to train a good number of men so that they may intelligently purchase, operate, and care for the tractor. This year there will be a greater need than ever for food. The tractor will be used as never before to increase the production of food, and must assume a large part of the work of the horse and the hired man. The training in this course will enable the operator of this type of machine to forestall many of the troubles incident to acquiring experience in their operation and care. Expensive delays will be prevented and the operator can be in a position to use his time and that of the machine to better advantage, if he can build his experience on a fair knowledge of the principles of the construction and operation involved.

Several of the best makes of tractors will be used for demonstrations and practice. Seven types are now engaged. The principles of gas engines will be taught in the Gas Engine Laboratory of the Farm Mechanics Department where a considerable amount of bench work will also be at the disposal of the class for use in soldering, babbitting, belt splicing and other exercises. Lectures will be given and charts and diagrams will be made use of aside from the laboratory work which will include demonstrations and practice. A text book will be used.

Bench and repair work will include the practice of forging, brazing, babbitting, pipefitting, soldering, fitting bearings, filing, use of the hack saw, rope splicing, and other exercises of a similar nature.

The work with gas engines will deal with operation, adjustment, correcting troubles, ignition details, valve grinding and valve adjusting. Brake and fuel tests will be carried out. This work will be given because it is deemed of especial value in the study

of the tractor motor and its accessories.

Practical work will be given with the tractors of which there will be several types present. The student will be given an opportunity to operate them. Practices such as hauling tests, belt tests, plowing tests (if possible) and problems intended to develop skill in handling will be taken up. The work will be made as practical as possible and should be invaluable to the man who wishes to operate his tractor efficiently.

HOP ENGROSES JUNIORS THIS WEEK.

Juniors this week are talking and thinking and planning of nothing but the big event of their college careers, their J. Hop. This year is the first year in many in which the Hop will be held upon the campus. It is also the first use to which the new gymnasium has been put by the college. After several attempts to have the party in East Lansing and down town halls it was finally decided that even though the new gym was not completed, the hall could be put in shape for this function, and accordingly the juniors are being saved considerable expense on their hall bill. In line with their policy to keep the cost of this year's J Hop at as low a figure as possible the entire decorating is being handled by the committee.

This year's party will begin with a reception in the parlors of the woman's building at 5:30 and at 6:30 the guests will go to the dining room of the woman's building for the usual banquet and toasts. Dancing will begin at 8:30 in the new gym and will last until 2. Shook's orchestra of Detroit will furnish music for the occasion.

AMENDMENT TO STUDENT COUNCIL CONSTITUTION.

At a recent meeting of the Student Council an important amendment to Sec. 1, Art. 2, to the constitution of the Student Council was adopted. The amendment increases the number of members to the council from six to seven and specifies that the seventh man shall be the editor-in-chief of the Holcad.

At the present time the six mem-

bers making up the Student Council are three seniors, two juniors and one sophomore, and inasmuch as the Holcad editor is always a senior this will increase the number from the upper class to four representatives. The amendment framed by the council reads as follows: "The editor-in-chief of the Holcad shall automatically become a member of the Student Council and shall be acting secretary of the Student Council."

MANY MEETINGS IN MARCH FOR FARMERS.

More so even than January, March promises to be a month of conventions and conferences for Michigan farmers, and for all individuals, in fact, who are concerned with the business of production and matters of rural interest within the state.

One of these gatherings will be that of the Michigan Maple Syrup Makers Association, which will be conducted in East Lansing on March 5, another will be the annual convention of the Michigan State Potato Growers Association here on March 7 and 8, and still a third will be the convention of the Michigan State Vegetable Growers, which also will be at the college, on March 6.

While these conferences will be almost exclusively for farmers, two others having to do with rural interests are likewise scheduled for this week—that of garden leaders from all parts of the state, who will assemble at M. A. C. on March 6 and 7, and of county school commissioners, who meet here on March 8 to consider and study questions bearing upon the rural schools of the state.

All five gatherings, however, will be but a part of Farmers' Week and the Housewives' congress at the college.

JUNIOR GIRLS WIN SONG CONTEST.

The annual class song contest for the girls was held in the gymnasium of the Woman's building on Monday evening, Feb. 11. The junior class carried off the prize in an original college song, words written by Miss Ruth Musselman and music by Miss Agnes McIntyre. Miss Lefer, Miss Bemis and Miss Hunt were judges for the contest.

THE M. A. C. RECORD

Published every Friday during the College Year by the Michigan Agricultural College Association.

Entered as second-class matter October 30, 1916, at the post office at East Lansing, Michigan, under the Act of March 3, 1879.

C. W. McKIBBIN, '11, Managing Editor.

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FRIDAY FEBRUARY 22, 1918.

VOCATIONAL TEACHER TRAINING.

The materializing of plans for vocational teacher training and taking advantage of the Smith-Hughes law for federal aid for industrial education is bringing to M. A. C. and to East Lansing an exceptional opportunity. By means of it the college is able to give practical training to teachers in agriculture and domestic science and will receive federal aid in carrying it out. East Lansing is fortunate in being selected as the location for the practice school, for it means that the East Lansing high school will become a model for the state insofar as methods and equipment for the teaching of agriculture and of domestic science are concerned. Further it marks a great step in the development of vocational training in Michigan, a step which Michigan, a state always foremost in the advancement of education, may witness with pride and count among the forward movements of her educational trend.

M. A. C. courses were founded on the idea of giving practical training to men and women and we have always held a reputation as a school where practical work in the fields, the shops and the laboratories kept pace with the theoretical work of the classroom. Our men and women have gone out with the ability to do things with their hands as well as with their heads. In practically all courses there has been an opportunity to do the actual work in college that they would be called upon to do in following their vocations after graduation except for students of pedagogy. It has been the one great criticism that has been made of our courses for teachers that they were never given practical work with a class before them. In this point the normal schools surpassed us. Many girls who have gone out as teachers have said that they were afraid to face their first classes. This embarrassment would, of course, have been entirely overcome through

college work in practice teaching.

Now that practice teaching is to be given and directed by two of M. A. C.'s own graduate teachers who have had unusual experience in teaching and directing teachers, our agricultural and domestic science pedagogues will have an equal opportunity with engineers and agriculturists for work in college that will fit them in a practical way for their work after graduation.

FEBRUARY MEETING OF THE STATE BOARD.

The February meeting of the State Board of Agriculture was held in the president's office on Feb. 13 with the following present: President Kedzie, Messrs. Woodman, Beaumont, Waterbury, Doherty and Graham.

The minutes of the previous meeting were approved.

The resignation of T. A. Farrand, county agent for Van Buren county, effective March 1 was accepted.

The request of Director Baldwin that Miss Florence Justin be appointed extension specialist in home economics beginning Feb. 1 was approved.

F. L. True was appointed county agent for Alpena county, beginning Jan. 1, and I. B. McMurty county agent for Cheboygan county, beginning Jan. 22, the salaries of these men to be paid from the department of agriculture, Smith-Lever and county funds.

Miss Anna Belle Campbell was appointed for poultry extension work.

Dr. Mumford was made a member of the extension council and his title was changed from Head of Farm Management department to Head of County Agent department of the Extension Division.

C. A. Spaulding was authorized to attend the conference of leaders in Boys' and Girls' club work at Washington Feb. 15 to 20 with expenses paid.

Mr. Ezra Levin was authorized to make a trip to Ohio, New York and other eastern points to study methods of storing celery with expenses paid from experiment station state funds.

On motion of Mr. Beaumont the botanical laboratory is to be known hereafter as the Beal Botanical Laboratory.

The secretary was authorized to execute an agreement between the Board of Education of the city of East Lansing and the State Board of Agriculture providing for co-operation in the training of teachers of vocational education.

The apportionment of the mechanical engineering department was increased to cover expenditures for the remainder of the year.

The secretary was authorized to make settlement in full on the basis of a payment to John Lagergren of \$300 who was injured while employed

at the Upper Peninsula Experiment Station in 1908.

The secretary was empowered to act upon the request of Mr. Henry Paull of Rogers, Mich., for the purchase of the NW ¼ of the NW ¼ Sec. 5, T. 34 N., R. 5 E.

The apportionment of the poultry department was added to to cover expenses for the remainder of the year.

The forestry apportionment was added to to cover expenditures for the remainder of the year.

The resignation of Mr. Robt. L. Tweed as graduate assistant in bacteriology was effective Dec. 31.

The president presented notices of the resignation of Mr. L. H. Coledge and Mr. I. E. Huddleson of the bacteriology department to take effect Feb. 28. It was decided to give these men leave of absence without pay for the period of the war.

The apportionment of the department of economics was added to for expenditures for the remainder of the year. The apportionment of the department of farm horses was increased by \$1,400 for the purchase of a pair of Belgian mares.

Mrs. Pansy McKinney was appointed stenographer for the alumni recorder beginning Feb. 1.

Miss Mabel Mosher was appointed part time assistant in the chemical laboratory for three months.

The expense account of Mr. Frank A. Spragg in attending scientific meetings at Pittsburg was authorized to be paid.

A notice from Mr. Alfred Iddles of his appointment as first lieutenant in the ordnance department of the army was presented and his request for leave of absence without pay during such period as the government may demand his services was granted.

The request for additional assistance in the domestic art department was referred to the president with power to act.

The president was authorized to confer the degree of Bachelor of Science upon the following persons who have completed their work; Roy Maurice Shane, a; Carl Martin Greiffendorf, e; Ernest Louis Bolduc, e; Walter Leroy Mallmann, a.

The matter of appointing a medical advisor was referred to the president and secretary for report and recommendation.

The president presented a budget of estimated expenses for the vocational teacher training department and the accompanying report from W. H. French.

Mr. Doherty, President Kedzie and Major Wrightson were appointed to represent the Board and the College at a meeting of the National Security League in Chicago on the 21st, 22d and 23d of February next.

Mr. Graham was authorized to initiate the December and succeeding vouchers.

The secretary presented the follow-

ing financial statement to the State Board:

At this time it seems desirable to present a brief statement of the financial affairs of the college so far as the current account is concerned. This will show the status of the institution at the close of the first six months of the fiscal year.

The total income from the fifth-mill tax for the year is \$560,000.00.

Withdrawals and appropriations already made from this fund are as follows:

Gymnasium	\$70,000.00
Experiment Station	25,000.00
Extension	30,000.00
Current expenses	240,000.00

Total \$365,000.00

This leaves a balance in the mill tax fund for the following six months, of \$195,000.00.

To this may be added:

Receipts from the Land Grant Interest Fund estimated at \$70,000.00.

Receipts from the institution for the second six months of the year, estimated as identical with the first six months, \$95,237.03.

Balance on hand Dec. 31, 1917, \$5,370.71.

Balance in the Hall of Engineering appropriation, by resolution to be transferred to the current account, \$8,602.33.

Making a total available for the balance of the year of \$374,210.07.

The total disbursements for the first half of the year on account current were \$379,866.32, or \$5,656.25 more than the amount apparently available for the balance of the year. It should also be stated that the extension projects as already agreed upon, will call for an additional sum of \$10,000 or \$15,000.

From this statement you will see that it will require considerable economy for the remainder of the year in order to come out even on June 30, 1918.

Yours truly,

A. M. BROWN, Secretary.

The plans for the restoration of College Hall as presented by Architect Bowd were approved, the contract for the work to be let on the percentage basis.

The president was authorized to look into the question of centralizing the photographic work of the College.

The following calendar drawn up by the committee to consider plans for the next school year was adopted:

Fall term, Oct. 7-Dec. 20 (11 weeks).

Winter term, Dec. 30-Mar. 16 (11 weeks).

Spring term, Mar. 26-June 1 (10 weeks).

The action of the president in authorizing certain changes in the salaries of men in the chemical department was approved.

Or. Hallman, professor of animal pathology, was made veterinarian of the experiment station.

Mr. Wyant, who expects to enter the federal service, was granted leave of absence without pay for the period

of the war to date from the time he leaves the college.

The expense accounts of the members were allowed.

Dean Shaw, the president and the secretary were appointed a committee to adjust the changes in the experiment station budget for the remainder of the year.

The matter of a deficiency in the budget of Dr. Hutton and of other such deficiencies that may arise, was referred to the president and secretary with power to act.

The president was authorized to fill vacancies in the faculty caused by resignation due to the war.

The expenses of Mr. Waid in going to Washington to interview Mr. Hoover were allowed.

Mr. Woodman was requested to go to Washington to discuss the Michigan potato situation with Mr. Hoover.

On motion adjourned.

EXCELLENT SPEAKERS FOR FARMERS WEEK, MARCH 4 TO 9.

An unusually good program has been prepared for this year's Farmers Week which will be held at the college March 4th to 9th. In keeping with war times the schedule for the week will be of a patriotic nature. The program carries a fine list of men of national reputation who will have important messages to present along agricultural as well as other lines.

It is planned this year to have fewer sections in session at the same time and to have general sessions for all. A feature of this year's meeting will be sessions along lines of interest to the women, dealing with vital questions of the household. Moving pictures will be shown every evening, and the Department of Agriculture at Washington is cooperating with the college in furnishing pictures of interest to the agriculturalist.

Monday will be registration day and no program is planned for the day. Guides will be on hand to show the visitors about the institution and make them acquainted with the college in general. Heads of departments and their staffs are to be at their offices and will act as reception committees. Monday evening will be the first evening that movies will be shown. They will be of war scenes. From 6:30 to 8:00 o'clock there will be community singing, and Shailer Mathews, dean of Chicago University, will speak on "Why We Went to War."

On Tuesday, Crops day, the theme will be "Conservation Through Prevention." Such questions as wheatless meals will be discussed. Captain Dane, of the Quartermasters Corps, Camp Custer, will speak on "Crop Needs of the Army and Navy; B. F. Harris, of Champaign, Ill., will speak on "The Farmer's Part in the War," and Henrietta Calvin, from the Department of Agriculture at Washing-

ton, on "The Significance of Wheatless Meals."

In the evening, besides the war movies, Pres. Schurman of Cornell University will give an address on the "Vital Factors of the War."

Wednesday will be Livestock Day. Mr. Wing, Editor of the Breeders' Gazette, will give a talk on the "World's Meat Supply." A. G. Phillips, President of the International Association of Instruction and Research Work, will speak on Poultry, and B. D. Aitken, president of the National Holstein-Friesian Association, will talk on "Dairymen's Opportunity in the War."

In the evening Henrietta Calvin will speak on "Patriotism of Women," and, besides the movies, the college band will give a concert.

Thursday forenoon will be given over to tractors. Mr. Cousler of the Ford Motor Co. will talk on "How the Ford Tractor Can Help in the War," and an expert from the Oliver Plow Co. will give a talk on "Tractor Plowing."

In the afternoon Prof. Taylor, professor of Agricultural Economics, University of Wisconsin, will speak on "Cost of Production"; Lieutenant Cortright will speak on "American Forces in France"; Prof. Clark, professor of chemistry of M. A. C., will speak on "Chemistry in the War."

In the evening, Dr. Alonzo Taylor, from the Food Administration, Washington, D. C., will speak on the "World's Food Supply."

Gardening will be the theme for Friday forenoon's meeting. E. C. Waid will discuss the subject of production; R. E. Loree will discuss the subject of storage, and Mary E. Edmonds will speak on the "Care of Garden Products."

The afternoon will be given to the discussion of labor. Mr. Parsons, director of the High School Boys' Reserve, will show the part the high school boys can take; A. P. Johnson, of the Grand Rapids News, will talk on High School Boys; E. C. Lindeman, state leader of Boys' and Girls' Clubs, will talk on boys' and girls' club work, and A. B. Cook, state administrator of labor, will talk on Farm Labor Problems.

For the women there is to be an interesting program of demonstrations and lectures. Besides the work given by the Home Economics department at the college, Miss Neal Knowles, Iowa Agricultural College, and Miss Henrietta Calvin, of the Department at Washington, will lend assistance. Their main themes will be conservation, economy and health.

The usual attraction of farmers' week will be enhanced this year by a food show to be held in the Agricultural Pavilion. The U. S. Food Administration and State Dairy and Food Administration are co-operating with the college in promoting this show. Production and conservation are the points that will be emphasized in the show. The doors will be open

to visitors at one o'clock p. m. Monday and until six o'clock every evening until Friday. It will not be open evenings.

The two weeks' course in tractors starts the same week of farmers' week and it is expected that about 10 different makes of tractors will be on hand for practical purposes. The different makes will include the Ford, I. H. C., Huber, etc., and will also include some caterpillar types.

VOCATIONAL TEACHER TRAINING WORK BEGUN.

E. L. Grover '07 and Bess Frazer '11 Supervise Practice Teaching of Senior Ags and H. E's in E. Lansing School

Arrangements have finally been completed by Prof. French for the installation of vocational teacher training in agriculture and domestic science at the college and the taking advantage of the provision of the Smith-Hughes law, which provides for federal aid for industrial education. The new work began in earnest the first week in February.

The teacher training course will mean much both to the college and the city of East Lansing, since the plans provide for the using of the East Lansing high school as a practice school for student pedagogues, where they may meet classes and practice teaching under the direction of experienced critic teachers. Approximately \$2,500 worth of laboratory equipment with which to carry on the work will be installed in the East Lansing school. Federal aid will be available in its purchase.

Plans have been under way since early fall for taking advantage of the Smith-Hughes law and the establishment of M. A. C. as an institution to prepare teachers of agriculture and home economics. The East Lansing high school was decided upon as a practice school because of its availability and excellent facilities for establishing the work in its new building.

The agricultural teacher work will be under the direction of E. L. Grover, '07, assistant professor of agricultural education, while the domestic science teacher training is to be in charge of Miss Elizabeth Frazer, '11. Miss Frazer arrived in East Lansing on Feb. 6 to begin the work, having been called from Redlands, Calif., where she has been supervisor of domestic science and art in the Redlands schools. She is particularly fitted for this work having a very intimate knowledge of M. A. C. and its students, besides an excellent experience in teacher training in domestic science in California.

Prof. French outlined the plans for the work before the State Board of Agriculture at its February meeting as follows:

"In taking advantage of the provisions of the Smith-Hughes law, which

is the law providing for federal aid for Industrial Education, the Michigan Agricultural College was designated as one of the institutions to provide trained teachers for industrial subjects. The federal act became a law on February 23rd, 1917, and the Tufts law, which was the state legislation enacted to meet the provisions of the federal law became a part of our statutes in March of the same year. The Board designated in the Tufts law to supervise the vocational education within the state, immediately set about preparing plans for the introduction of vocational courses along three lines: (a) Agriculture; (b) Trades and Industries; (c) Home Economics.

"These plans were approved by the federal board for vocational education on December 14, 1917.

"The State Board of Control having designated the Michigan Agricul-

dents and the college to furnish the equipment and the critic teachers for the purpose of training members of the senior class in agriculture and in home economics for position in teaching vocational agriculture in the public schools, and vocational home economics in the public schools.

"The agricultural plan contemplates that (a) The course of study covers the four years of the regular high school; one subject or unit in each grade; (b) The high school students elect this course; (c) The college senior students in agriculture give the instruction under the direction of the critic teacher.

"Under the home economics plan, (a) the course of study is offered for two years in the high school; (b) high school girls elect this course; (c) the instruction is given by senior home economics students under the direction of a critic teacher.

"Mr. E. Lynn Grover of the department of agricultural education is taking charge of the critic teacher work and of the instruction in agriculture.

"Miss Elizabeth Frazer of Buffalo, N. Y., is directing the teacher training and instruction in home economics.

The number of high school students in agricultural classes is 35, and the number of students in home economics classes is 25.

"This plan will give to the young people of East Lansing the very best type of instruction in the subjects mentioned, and already we can see a marked influence upon the schools as a whole. We believe that the college and the East Lansing community will be drawn closer together, and that our mutual interests will be developed as they have never been before."

DRAMATIC CLUB DISPLAYS ABILITY

The Dramatic Club under the direction of Prof. King presented the play, entitled "Kindling the Hearth Fire," very creditably on the evening of Feb. 14 in the armory. The play was a particularly appropriate one for M. A. C. students to present in that its moral lesson was that of making life on the farm more attractive to the younger generation. A large and very appreciative audience witnessed the production.

Misses Helen Edmonds, Smith, Bauscher and Harrington are deserving of particular mention in the talent they displayed and Edgar, Ryan and Yull handled the men's parts especially well. A Lansing paper commenting upon the acting of the latter intimated that they were losing money by not dispensing their talent in a Bijou circuit.

If there is any alumnus or former student of M. A. C. with whom you would like to have a talk through the pages of the RECORD, write us at once and the proper negotiations will be made.



Miss Bess Frazer, '11, who takes charge of Vocational Teacher Training in Domestic Science.

tural College as one of the institutions to prepare teachers of agriculture and Home Economics, the machinery was set in motion early in the college year but could not be completed until the Michigan plan had been approved, as above stated.

"Under the direction of the president the department of Agricultural Education and the department of Home Economics entered upon a plan to make use of the East Lansing high school as a part of the teacher training plan and agreements have been entered into whereby the Board of Education of the East Lansing schools is to furnish the rooms and the stu-

HOPE FIVE DEFEATED BY AGGIES 36-10.

The Hope College basketball team met defeat at the hands of M. A. C. on Feb. 15 by the score of 36-10. From the very start Brewer's men found the holes in Hope's defense and from then on consistently piled up the points. Murray was the big scorer for M. A. C., putting in for us 12 of the 36 markers. The Hope men did not arrive at M. A. C. until 8:30 and two preliminary games were played before the varsity contest.

The line-up:

Hope.	M. A. C.
Nycant	R.F. Murray
Heenstia	L.F. Snider
Ranaker	C. Higbie
Deroos	R.G. Kaurtz
Von Havel	L.G. Hannes

Score end of first half—M. A. C. 19, Hope 6. Score end of game—M. A. C. 36, Hope 10. Baskets from court—Murray 5, Snider 3, Higbie 4, Kaurtz 3, Hannes 1, Coleman 1, Brigham 1, Nycant 1, Heenstia 1, Ranaker 1. Baskets from fouls—Murray 1 out of 3, Brigham 1 out of 1, Heenstia, 4 out of 8. Fouls—Murray 2, Snider 2, Higbie 2, Kaurtz 1, Coleman 2. Substitutions—Hope: Kalompaseus for Deroos; M. A. C.: Brigham for Snider, Archer for Murray, Coleman for Higbie, Garret for Kaurtz, Doshier for Hannes.

STUDENTS COMPLETE FUEL WOOD SURVEY.

The senior and junior forestry students were excused from classes for two weeks recently in order to make a woodlot survey of that portion of Ingham county which is easily accessible to Lansing with a view to determining how much fuel-wood could be obtained from the farms and to stimulate the cutting of such wood so as to relieve the fuel shortage of Lansing. One hundred and eighty-five farms in Meridian, Alameda and Delhi townships were visited. The total area of woodlots on these farms was 1,975 acres, being an average of ten and seven-tenths acres per farm. The total amount of timber on these woodlots was estimated to be 40,000 standard cords of 120,000 sixteen-inch cords. The annual growth of these woodlots is figured by the forestry department to be at the present time about 3,600 sixteen-inch cords which could be increased by proper thinning to over 9,000 sixteen-inch cords per year.

It was found that 108 of the 185 farmers visited were cutting wood for their own use; that 29 of them were cutting wood for sale; 8 were willing to sell standing timber; 9 were willing to cut timber on shares; 33 of these farmers owned gas engines and 27 owned buzz saws; 37 of them stated that they would cut more timber provided they had labor and 39 stated

that they had no coal. It is probable that more than this number were out of coal.

The data collected by the students was compiled by the forestry department and much of it turned over to the Lansing fuel committee. Fuel-wood was the only thing that kept much of Lansing from severe suffering during the prolonged cold spell. The men engaged on this work showed the woodlot owners personally the seriousness of the situation and greatly stimulated the cutting of wood and the improvement of the woodlots. Wherever requested the students marked trees for cutting and gave suggestions regarding markets for wood.

The students rendered valuable assistance to the fuel administration and the city of Lansing. Their work was done during a very cold and trying spell of weather, but they put the job through in good shape and say that they obtained a great deal of valuable experience while doing the work.

WEDDINGS.

ELLIS-COSGROVE.

The wedding of Ben C. Ellis, '11, and Helen Gertrude Cosgrove occurred on Feb. 12 at Ottawa, Ont. Ellis is now assistant engineer of the Illinois Central Railway and is located at Chicago. They will be at home for the present at 5221 Kimbark Ave., Chicago.

NED LACEY '14 WRITES FROM ITALY.

The following letter has recently been received by Don W. Francisco, My Dear Bud:

Never did I expect to be writing letters on New Year's Eve from the wilds of Southern Italy.

I trust that dame fortune has not dragged you into this mess. However, I will say that I was hardly forced in myself. Simply got the war bug and enlisted in the Aviation Section, S. O. R. C.

After finishing my ground school work at Princeton U. was rushed off in foreign service. Think my trip over the broad Atlantic would make your hair stand on end. We were first-class passengers on a wonderful ship and together with several other sea-going rafts we rambled over. Fine quarters, eats, lots of passengers, and a few officers, it was glorious. Our nearest approach to a hardship was doing submarine lookout duty on the Hurricane. It was a real pleasure at 2:00 a. m. in a ninety-mile gale, rain and snow—really like the Ancient Mariner.

We had several days in England, then made our rush for France. We were crowded on a fast boat, and had a wild ride. Existed for two days

on tea and horse meat pie with a pile of guns for a feather bed.

In France we were parties in an air raid and there fortunate orders took us to Paris. In our rush we lost our baggage and picked up a stranded airman and his 'plane in the ocean.

Our next move brought us to Italy. We spent several days in the north at Torino. The Italian there was our great surprise. They were very unlike the Italian that we know in America. The city was much like Paris, old historic and very beautiful. The trip through southern Europe was magnificent. The Italian Alps, the quaint little cities, the vine-covered hills were all new and how I enjoyed them.

We arrived in Foggia some two months ago. Centuries ago it was a great city, today it is a mess of old ruins, narrow dirty streets, millions of children, and congested living conditions. It is a quaint old place situated on a high plateau surrounded by beautiful mountains which are dotted here and there by chalk white cities. In fact the place is so quaint that instead of milk routes an old lady drives a couple cows through the streets milking at the door of each customer. At least it insures fresh milk.

The school is considered one of the best in Europe and we are here for a very specialized training. Although somewhat slower than in America it is very different. The buildings are new and our quarters good. It is supposed to be warm here but it is not unlike late fall in America (Michigan). As coal is \$85.00 per ton we have no heat nor hot baths. And until this week enjoyed a bed on a marble floor with a concrete mattress. We soon learned to reverence the Italian Pilot and Mechanic. As to flying it is wonderful. Never had any bird-like aspirations but it is the greatest sport in the world. The school has had no casualties and outside of three cases which turned out very fortunately we have had no accidents of consequence. It is safe enough only old man gravity isn't to be tampered with or treated with disrespect.

We were allowed leave and so I spent Christmas in Naples, Vesuvius, Pompeii, Cathedrals, Art and my first warm bath and clean clothes in seven weeks. It would be useless for me to attempt to describe the grandeur of that wonderful city and its places of interest.

Christmas in Italy was a failure, however, in so far as we Americans were concerned. Nothing ever seemed more foreign. We had a fine dinner served at the hotel and drank a few quarts of Champagne water to the dear ones at home. But a suit of Kha-ki serge, a Colt 45, and a fine dinner does not make Xmas in Italy.

Very reluctant was our return but when we reached the barracks we found our lost baggage, and mail from home. Opening Xmas presents was

never as interesting as opening my old army trunk. Clean clothes, a few bars of candy and American tobacco again. Bull Durham and Prince Albert are a divine luxury in camp I can tell you.

Also a few oil stoves and a Y. M. C. A. had also been established and it did not seem such a sad return after all.

I have now been in three of these war-ridden countries. Take it from me Bud we in America are fortunate but it's our fight now. How I admire France, her suffering and sacrifice will never be known. Perhaps we can, in a small way, repay the debt that we owe her. What Sherman said is only a starter. Our hardships have been few but life in the army is just life in the army.

Suppose that you and the little family had a wonderful Xmas. My best wishes to all. Wishing you all the prosperity in the world for this New Year.

Yours,

NED W. LACEY, '14.

Amer. Exp. Forces,

Air Service, France.

Or Camp d'Aviazione Sud,

Foggia, Italy.

PROMOTIONS.

Bertram Giffels, '15, 1st Lieut. Inf. N. A., 1st Bn., 159th Depot Brigade, Camp Zachary Taylor, Ky. "I see Lieut. Paulson, '15, occasionally, but other M. A. C. men here rarely."

Gleason Allen, '13, Master Engineer,

Junior Grade, Detached Service, 1st Bat. F. A. O. T. S., Camp Stanley, Texas.

NEW ASSIGNMENTS.

Lieut. Chas. N. Silcox, '18, School of the Line, C-11, Camp Sherman, O. "Taking special work in courts martial, company administration, map reading, etc."

Jas. F. Van Ark, '19, Co. I, 23d Eng., Laurel, Md., Bugler.

Edwin H. Pate, '17, S. C., Reg. Army, Ft. Wood, Bedloes Is., N. Y.

B. P. Daugherty, '18, U. S. S. Solace, care Postmaster, Ft. Monroe, Va.

E. G. Smith, '16, Capt. Commanding Co. C, 11th M. G. Bn., Camp Green, N. C.

Lloyd L. Weaver, '16, Meteorological Service, S. C., A. E. F., France, via New York.

Russel S. Canfield, '07, 1st Lieut. 114th Eng., A. E. F., France, via New York.

Walter K. Willman, '18, Sergt. Co. D, 310th Eng., Camp Custer, Mich.

H. C. Huebner, with '17, 2d Lieut., A. S., Camp Taliaferro, Field No. 1, Box 13, Hicks Station, Texas.

W. L. Mason, '14, Bat. E, 64th Art., Camp Nicholls, La.

John E. Wilkinson, '18, 26th Recruit Co., Columbus Barracks, Ohio.

Paul H. Lemon, '19, Rifle Range, Bugler Co. K, Glenburnie, Md.

There are 326 M. A. C. graduates now in active military and naval service.



WITH THE COLORS



Extracts from letter recently received by Mr. and Mrs. Fred Darling, East Lansing:

"I wrote you on New Year's Day, and I was looking for orders transferring me to the Coast Artillery (hereafter I'll write it C. A. C., Coast Artillery Corps). They came on the 4th, and said to proceed to Fort Monroe and arrive there on the 5th, or as soon thereafter as possible. I got right ready and left next day, going via New Orleans. Had a wonderful trip through the southern states. At New Orleans I missed my train connections and had to remain there 24 hours. It was a good opportunity to see something of that funny old southern city. East from there I went through Mobile and Montgomery, Ala., Atlanta, Ga., Raleigh, N. C., Richmond, Va., then down to Fort Monroe on Chesapeake Bay. * * * I am now going through another training camp very similar to the one at Ft. Sheridan, and will be here until about April. That's only nine weeks or so away. After that I'll go over seas at once, or will be assigned to some sea coast defense in this country.

The old fort of civil war days is

still here, that is, the old wall with the water around the outside. There is an inclosure of about 27 acres and is used now for nothing but barracks and officers' houses. We are living in barracks inside the old fort. The present batteries of guns are strung along the shore to the north, facing out into the bay. It is some 18 miles east to the ocean. Norfolk Navy Yard is across the bay to the south, and there are always from 15 to 20 naval vessels in. There are mostly light cruisers and smaller vessels engaged in coast patrol. The bigger vessels are never in. They are somewhere else, we can't find out where.

LIEUT. H. L. CAMPBELL, '17,

Fort Monroe, Va.

Somewhere in France, Jan. 27.

Dear Sir:

Well we have to hand it to the college again. Our first mail here contained the M. A. C. Record, so we have to say that the college is first again.

Just a word about the M. A. C. men in this regiment. There are five of us to my knowledge.

H. B. March, with '19, is a sergeant

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in Co. A and is director of the band. This is quite an honor as we understand it is the only band with an engineering regiment. His brother, Carroll March is attached to Co. C and is also a band member. It seems good to hear our Alma Mater played occasionally.

E. G. Forbes, with '11, is a member of Co. A, in which company I am a corporal. J. P. Smith, '16, is a member of Co. B.

Co. A football team won our regimental championship while at Camp Grant last fall. H. B. March and myself were members of the team.

Here's wishing our basketball team the best of years.

Yours truly,

C. E. THOMPSON, '16.

Co. A, 21st Eng., A. E. F.,
Via New York.

P. S.—Garcia Ingles, with '17, is also here. He is a corporal in the Ordnance Corps.

Picked up on the Campus

L. H. Cooledge, assistant professor and research associate in Bacteriology, has recently enlisted in the army medical corps and is now stationed at the Infirmary, Camp Greenleaf, M. O. T. C., Ft. Oglethorpe, Ga. I. F. Huddleson, research assistant in Bacteriology, is with Cooledge and may be reached through the same address.

A recent issue of the Detroit Free Press contained an article on naval engineering by Dr. W. F. Durand, professor of mechanical engineering, Leland Stanford, Calif. Dr. Durand was professor of mechanics and director of shops at M. A. C. from 1887 to 1891 and did a great deal toward laying the foundation of our engineering courses at M. A. C. He preceded Dr. L. P. Breckenridge, now of Yale University.

Alumni Notes

'70.

R. Lillie is president of the Hammond State Bank of Hammond, La.

'82.

John J. Bush, '84, has just forwarded the following clipping from the New York Times of Feb. 9, a dispatch from Syracuse, headed Dr. Bailey for Governor: "Democratic leaders of Eastern and Central New York held a secret conference at Utica recently, and it is said definitely decided that the gubernatorial nomination this fall should go to Dr. Liberty Hyde Bailey, former dean of the Cornell College of Agriculture. Leaders from Syracuse,

Albany, Schenectady, Norwich, Rome, Troy, Herkimer, and other cities pledged their support to the plan, it was announced here today by William Kelley, Onondaga county democratic leader."

'88.

G. D. Perrigo is with the American Investment Co., Oklahoma City, Okla., and may be addressed 208 Oklahoman Bldg.

'91.

Geo. C. Monroe of South Haven, Mich., writes: "Divide time between banking and farming. Was a delegate to State Grange from Van Buren county Pomona and served as chairman of Agricultural College committee. Other and more prominent Grangers present were Jason Woodman, '81, R. M. Bates, '85, E. S. Holden, '89, B. A. Holden, '91, and A. B. Cook, '93."

'00.

Harry L. Chamberlain is with the Quincy Mining Co., of Hancock, Mich., and may be addressed, Franklin Mine, Houghton County, Mich. "Am underweight and too old to fight, but am trying to do my bit here in the copper mines. Incidentally am learning to like war bread, corn syrup and johnny cake, which the wife is serving these days to conserve sugar and wheat."

'01.

J. B. Stewart is manager of the Windsor Tobacco Growers' Corporation, which has extensive plantations in Windsor and Bloomfield, Conn. He may be addressed at Windsor. Stewart writes as follows: "Geo. D. White and myself met in New York one evening last week and the class of '01 had a small but pleasant reunion. White is getting on fine. He is now vice president of the Patton Paint Co. with address Newark, N. J., in care of the paint company. War work is claiming all of my time these days that I can possibly spare from my business. I am president of our local chamber of commerce and a director of the state chamber, also a member of the state council of defense through our local war bureau. Connecticut is feeling the effects of the war quite keenly now. We are short of coal, labor is scarce and we have had very little sugar for some months. No one complains for the Yankee spirit is in this war to win."

'02.

Herbert K. Patriarche is New England agent for the Pere Marquette railroad and may be addressed at 828 Old South Bldg., Boston, Mass.

E. A. Richmond is assistant superintendent of the Postum Cereal Co., Battle Creek, Mich. He writes: "Matilda Jane arrived Nov. 22 and would like to have her application to the M. A. C. chorus considered."

'05.

W. F. Gordon is plant engineer for the American Bridge Co., American Plant, Chicago, Ill., and may be addressed at 6831 Harper Ave., Chicago.

Geo. R. Fryman is connected with the Brier Hill Steel Co., of Youngstown, Ohio, and may be addressed at 199 W. Earle Ave. He writes: "Mrs. Fryman ('Pudge' Christie, '08), says the item announcing the marriage of "Chuck" Ashley and Lela Lawrence was worth the two dollars if no more news came this year."

'08.

Myron A. Cobb is director of the department of agriculture in the Central State Normal School, Mt. Pleasant, Mich.

'09.

Born to Mr. and Mrs. Hubert C. Pratt (Helen Emery, '10) a daughter on Feb. 13. Pratt is with the A. M. Emery Co., Lansing, and may be addressed at 817 S. Chestnut St.

C. E. Jacobs "Curly" (with) is now engineer for the Detroit Carrier & Mfg. Co. "subject to change without notice." Previous to entering the employ of this company Jacobs was chief engineer of the King Motor Car Co. and drove a King car through recent very extensive tests of trucks, ambulances and armored cars by the war department. He may now be addressed at 532 Piper Blvd., Detroit.

'10.

W. I. Gilson is managing the East Lansing Lumber & Fuel Co. and has been very busily employed during the winter in wrestling with the fuel problems of East Lansingites.

'11.

Ed. G. Hulse (with) is now the entire drafting force of the Triangle Motor Truck Co. of St. Johns, Mich. The Triangle Company is a new entrant into the truck field. His brother, Leon C. Hulse, '14, went aboard a transport early in January and is probably somewhere in France by this time. Ed. writes: "I notice that as the years go by the items about those we know grow less in number. Let us hope that it is due to increased business interests rather than indifference to the old school."

'12.

C. W. Stahl is assistant superintendent of the sulphuric acid plant of the Ducktown Sulphur, Copper & Iron Co. He is located at Isabella, Tenn.



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Max Gardner, who has been at the head of the plant pathology section of the department of botany at the University of Michigan, gave up his work there at the end of the first semester and is re-entering the bureau of plant industry, with which he has previously been connected in a semi-permanent way. He expects to be assigned pathological work in vegetables and food products, and in lines along which he was previously engaged.

'13.
Born to Mr. and Mrs. Nathan D. Simpson an eight and a fourth pound daughter, Patricia Simpson, on Feb. 8, 1918. They may be addressed at Lawrence, Mich.

Burtwill Harvey is an electrician on the U. S. S. Columbia and may be addressed care his ship, Postmaster, New York. Harvey left a position as plant engineer of the Detroit Forge Company early last year when he was called as a member of the Detroit Naval Militia for service. He was transferred to the volunteers April 17, and left Detroit soon after. He has been aboard the Columbia for better than nine months.

'14.
Ralph J. Dodge has enlisted in the 409th Motor Sanitary Train, Co. 375, and it is understood he has just left Camp Custer for the east. Dodge enlisted early in February, in the same organization of which Bibbins, '15, and H. A. Fick, '17, are members, and of which Lieut. Morris Knapp, with '13, is company commander. Dodge writes: "After being prevented from certain circumstances from following so many M. A. C. boys I am at last glad to be counted among them." He is in good company.

'15.
F. E. Burrell may now be addressed 337 Putnam Ave., Detroit, Mich.

T. W. Churchill, who is a first lieutenant, veterinary corps national army, stationed at West Point, N. Y., writes: "The Record is a source of about all my information concerning M. A. C. Kroodsma, '13, is a forester here and I often have long talks with him about our Alma Mater. Earl Douglas, '13, has promised me a visit but as yet I have only seen him once in New York. Give my regards to old M. A. C. friends and classmates and especially those in the service."

'16.
M. S. Fuller may be addressed at Paw Paw, Mich.

Glenn I. Hobbs is located at Three Rivers, Mich., where he is teacher of agriculture in the public schools.

Carl Albert Smith is county agricultural agent for Hillsboro county, New Hampshire, and may be addressed 420 Maple St., Manchester, N. H.

'17.
H. F. Anderson gives notice of a change of address from Sandusky to 414 Y. M. C. A., Lansing, Mich.

M. S. Nelson directs a change of address from 118 S. 6th St., to 426 N. Washington Ave., Saginaw, Mich.

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