The M.A.C. RECORD. MICHIGAN STATE AGRICULTURAL COLLEGE.

EAST LANSING, MICHIGAN, TUESDAY NOVEMBER 14, 1911.

No. 8

GRADUATE SCHOOL OF AGRICULTURE.

VOL. 17.

The fifth session of the Graduate School of Agriculture will be held at the Michigan Agricultural College, East Lansing, Michigan, beginning July 1, 1912, and continuing four weeks.

Only persons who have completed a college course and taken a bachelor's degree will be admitted to the privileges of the school, except that admission may be granted to non-graduates who are recommended by the faculties of the college with which they are associated as persons properly qualified to profit by advanced instruction in agriculture.

Instruction adapted to the needs of graduate students will be given under the general heads of soils and plant physiology, animal physiology, agronomy, horticulture, animal husbandry and poultry, rural engineering, rural economics and farm management.

The faculty will include leading scientists and experts from the U. S. Department of Agriculture, the agricultural colleges and experiment stations, and other universities, colleges and scientific institutions in America and Europe.

Lecture periods of one hour each will be provided for, principally in the forenoon, during five days of each week. After each lecture period there will be an open period of half an hour, which may be used informally for answering questions asked by individual students, etc. In the afternoon seminars or demonstration exercises will be held for about two hours, five days in each week.

The general principles of research and pedagogical questions relating to collegiate, secondary and extension teaching of agriculture will be discussed in a series of conferences to be held on Wednesday and Friday evenings and Saturday forenoons. Leaders representing different phases of research and education will be invited to open the discussions. One or more excursions will be arranged for.

Public exercises will be held on Wednesday evening of the first week to introduce the school to the college community and the general public. A reception will be given to the members of the school by President J. L. Snyder, of Michigan Agricultural College, on Friday evening of the first week.

The school will convene at the new agricultural building of the Michigan Agricultural College and the other buildings, library and general equipment of the college will be available for use by members of the school as far as may be required.

All correspondence relating to membership in this school should be addressed to Mr. A. M. Brown, Registrar, Michigan Agricultural College, East Lansing, Mich.

A prospectus giving a complete schedule of courses and instructors and other information will be issued later.



MISS FLORA WILSON

On Friday evening of this week, in the Armory, will be given the concert by Miss Flora Wilson, soprano, and it is sincerely hoped that a large audience will greet her on that date. Enough has been said as to Miss Wilson's ability to entertain—there is no question about this. An appeal is made to both students and faculty to come out on Friday evening and hear this concert; not alone because the Lib-

BOX PARTY.

Prof. Macklin, the varsity foot-

ball players and substitutes were

the guests of Manager Williams, of

the Gladmer, on Saturday evening,

to witness Edgar Selwyn's comedy, "The Country Boy." The play,

which is the story of the romance

of a farmer's son, a city girl, and

the girl he left behind, was one of

the best given in Lansing for some

time. The box party enjoyed every

minute of the evening, and appre-

ciate very much the kindness of Mr.

Williams. Through the RECORD

Prof. Macklin and his players wish

to extend their thanks to the man-

ager for the most enjoyable even-

RESOLUTIONS.

infinite wisdom, has seen fit to sum-

mon from our midst the mother of

Literary Society extend its heartfelt

sympathy to the family in their late

copy of these resolutions be pub-

lished in the Holcad and the M. A.

Whereas, Almighty God, in His

Be it Resolved, That the Forensic

Be it Further Resolved, That a

RALPH CARYL,

ing's entertainment.

Loyd E. Eyer.

bereavement, and

C. RECORD.

eral Arts Union needs your support, but because you will be highly repaid for doing so. Mrs. C. E. Marshall will accom-

pany Miss Wilson, which will prove of added interest to all music lovers at M. A. C.

Miss Wilson will be the guest of Dean and Mrs. Bissell while here, they having been friends at the Iowa Agricultural College.

ALUMNI

'76.

Charles Sumner, of '79, is still located in San Diego, Calif. His temporary address, however, is 1102 Yeon Bldg., Portland, Oregon.

Jay D. Stannard has changed his location, for the present, to Mesa, Ariz. He is located 20 miles south of Mesa on the Gila River, Indian Reservation, where the U.S. Reclamation Service is putting in an irrigation system for the Pima Indians. Mr. Stannard is in charge of this work. There are two sources of supply-the Gila River when in flood, and the underground water, which is tapped by ten wells, the water from which will be pumped by electric power developed at Roosevelt, on the Salt River project.

'88.

D. A. Pelton, of the above class, is a practicing physician, with residence address at 491 Travis St. N., Sherman, Tex.

'89.

F. J. Niswander is secretary of the Wyoming Life Insurance Co., of Cheyenne, Wyo.

'90.

Howard Edward Bunce, Jr., is practicing medicine in the city of Pittsburg, Pa. Residence address, 221 Fisk St.

Our Registrar has recently received a photograph of Mr. Kolia San Thaube, accompanied by complete information as to his activities since graduation. Mr. Thaube has been interested in various enterprises, including the importation and sale of American agricultural goods, grower of bananas, bee keeper and fish breeder. In addition to his present work of importing American goods, he is also pastor of his people at Thayagon, Wakema, P. O., Burma, via Brindisi, Asia.

'91.

'93.

B. F. Bain, of the above class, writes as follows: "Please change my mailing address to 917 Irwin Ave., N. S., Pittsburg, Pa. The plant of the Wolverine (Wolverine Supply & Mfg. Co.) Company was moved to this place last spring. Would be very glad if any of the M. A. C. boys, when passing this way, would stop off to see me. It is only seven minutes ride on either the Woods Run or Western Ave. cars from the heart of the city." Mr. Bain extends sincere wishes for the continued success of M. A. C.

'00-'01

Maurice Thompson Ireland, son of Mark L. Ireland, '01, and Irma Thompson Ireland, '00, was born October 15, 1911, at Lansing, Mich. Mrs. Ireland will leave Lansing about Dec. 10, 1911, to join Lieut. Ireland at Fort Monroe, Va., where the latter is a student officer in the Coast Artillery School.

'o3.

Bernard Nagelvoort, with class of '03, is assistant superintendent of construction, with the Packard Motor Car Co., of Detroit, and a member of the Detroit Engineering Society. His residence address is 141 E. Buena Vista Ave. Mr. Nagelvoort is a prominent musician, and had charge of the M. A. C. cadet band for a time.

'06.

E. N. Bates is draftsman with the Standard Oil Co., in New York City, with address at 63 Northern Ave., Onita Apartment.

'07.

P. H. Shuttleworth has changed his address from Buffalo to Lincoln, Ill., where he has charge of the large store of the S. H. Knox & Co. at that place. Mr. Shuttleworth adds the following P. S.: "Fritz Nichols, 'o8, came down here about six weeks ago and took away one of our pretty girls."

'11.

Edwin W. Steck is assistant instrument man with the Gulf Refining Co., of Port Arthur, Tex. In addition to his instrument work he has made several maps, and expects soon to begin a map of the entire plant, showing location of all pipes, etc., above ground. Mr. Steck states that one of the most unusual of sights to him is the roses in full bloom. He likes the country, but not the mosquitoes.

the

VERNE PICKFORD, Committee.

'89

L. W. Rice is a traveling salesman, located at Ada, in Kent Co.

The M. A. C. RECORD

| B. A. FAUNCE. MANAGING EDITOR | | |
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| SUBSCRIPTION | | 50 CENTS PER YEAR |
| matter to the M sing, Mich. Ac the Managing E Remit by P. Registered Lette | I. A idres ditor O. M er. 1 | ptions and advertising C. RECORD, East Lan- ss all contributions to Loney Order, Draft or Do not send stamps. ith Lawrence & Van |

TUESDAY, NOVEMBER 14, 1911.

A PROCLAMATION: BY THE GOVERNOR.

The loving and merciful God has vouchsafed benediction upon the people of Michigan during the year nineteen hundred eleven, now rapidly drawing to its close. The elements, in their devastations, have made visitation, but the loss of human life has been small as a result. Vital statistics show a decrease in the death tolls. From the soil has come to those who till it and those who must be fed, a reward of more than that which is barely sufficient. The state is free from famine, contagion and abnormal lawlessness. Human life is held sacred, homes are inviolate and property is safe. A condition obtains for which our people should be profoundly thankful.

Observation of Thanksgiving Day may be festive, but it is the duty of every individual to give thanks unto God. This should not be merely lip service, but should touch the recesses of the heart and the deepest cisterns of the soul. Man is recreant and a coward who thanklessly accepts Divine blessings in strength, happiness and prosperity and only turns to God in weakness, misfortune and extremity. A meaningful way to celebrate Thanksgiving would be to make a contribution, if only of a penny, to some Christian Church. These institutions of God should be remembered wholesomely in the glory of our best days, so that when the tottering eventide arrives there shall be that comfort which will cure fear and trembling.

Therefore, in consideration of the blessings of Almighty God, so bountifully visited upon the people of Michigan, I. Chase S. Osborn, Goyernor of the State of Michigan, do appoint and set aside Thursday, November thirtieth, as a day of prayer, feasting, and Thanksgiving.

LAND AND APPLE SHOW.

The senior Hort, students, accompanied by some of the juniors, attended the Michigan Land and Apple Show in Grand Rapids on Friday and Saturday. This exhibition was the first attempt of its kind in this state, and its success surely warrants making it an annual affair. We hear a great deal about the western apple, its size, color and general attractiveness, but in this show Michigan has proved beyond a doubt that she can produce all these qualities, and in addition, that which the west can never attain-flavor. Of course these apples on exhibition were carefully selected, but the western apple that comes to the eastern market is also just as carefully selected. As soon as the Michigan grower will put up an honest pack and select as carefully as he did for this exhibition, Michigan apples will far outrank the rivals from the Pacific coast.

The display of the Western Michigan Development Bureau deserves special notice. There were over 300 boxes of 41 different varieties, occupying one whole end of the building. The size of the collection, its excellent pack and tasty arrangement, certainly was a boom for the section of the state which produced this "Fruit with Flavor," as its motto says.

The Originial Fruit Belt Association, from the southwestern section of the state, also had a splendid collection, though not quite as large as its northern neighbor. Each section had its *boomers* along, telling visitors all about the merits of their country.

The individual displays were very attractive, and showed an excellent quality of fruit. Some of the novelties were: a house built of apples, an apple as big as a bushel basket, a bunch of grapes as large as a barrel, and some imported French apples.

The display of our Hort. Department was very complete, showing effects of different diseases, cover crops, spraying, etc. Mr. White and others in charge were kept busy answering questions.

Another instructive feature was the opportunity afforded of meeting some of the leading growers of the state, and Prof. Eustace was busy all day long introducing them to his "exhibition boys," as someone suggested.

ANDREWS-VEDDER.

The marriage of Miss Norma Dodd Vedder to Dr. Harry I. Andrews, of Ithaca, N. Y., was celebrated Wednesday evening, Nov. 8, at 7:30 o'clock, at the home of the bride's parents, Faculty Row, M. A. C. The guests were received by the bride and groom, Prof. and Mrs: Vedder, Miss Katherine Vedder and Dr. and Mrs. Chapman, of Rochester. The bride and groom were unattended, and the ceremony was both beautiful and simple. Rev. Goldsmith, of the People's Church, officiated. House decorations were palms, ferns and white chrysanthemums.

Following the ceremony, an informal reception was held. Members of the Feronian Society served in the dining room, and Mrs. Elgin Mifflin, Mrs. J. L. Snyder, and Mrs. W. B. Barrows assisted in the parlors.

The bride and groom left Wednesday evening for a wedding trip of two or three weeks, and after Jan. 1 will be at home at 311 N. Buffalo St., Ithaca, N. Y.

'04.

C. I. Brunger, for several years in charge of the asylum farm at Newberry, U. P., has left his work at that place, and will hereafter be located on the home farm at Grand Ledge.

^{'11.} M. M. Buck, civil, is rod man in the employ of the Illinois Central Railway, and just finished a two weeks' job for a big reservoir. Mr. Buck is taking up work with the I. C. school in railroad lines, and finds the work in concrete construction and signalling very interesting.

FOOTBALL.

M.A.C. WINS FROM THE BUCKEYES.

In a game that was replete with surprises, the Mt. Union team went "down before the farmers" Saturday afternoon, a score of 26 to 6. The visitors were in good condition, and played a scrappy game throughout. That they had star players on the team was proven several times when some well planned play by the home team was cut short and the runner downed in his tracks. A stiff wind favored the west goal, and all but six points were made at this end of the field.

In the first quarter, M. A. C. started right, Hill kicking a field goal from the 45-yd. line, and shortly after the ball was pushed over for a touchdown, giving the home team a lead of eight points.

In the second quarter the visitors had the wind and made some good gains, but were held at the critical period. Neither side was able to score.

M. A. C. opened up with a rapid fire in the third, and added a touchdown and goal, with two-field goals by Hill. These last were made possible after the visitors had been forced to punt, M. A. C. signalling each time for a free catch. The ball dropped in the proper place for "Bubbles" to make the desired points. The visitors then took a decided brace, and by a series of end runs and line bucks carried the ball to within striking distance, when time was called for the quarter.

At the opening of the third everything was in Ohio's favor, and by two short line plunges and a forward pass they were able to carry the ball over. M. A. C. repeated the trick soon after, which ended the scoring, though some sensational plays were made during the remainder of the quarter.

The Mt. Union team played a good game, and fought to the last minute. M. A. C. was in good condition, and all came out in good shape.

OHIO NORTHERN.

The game with the Ohio Northern will be played on the home field Friday afternoon, instead of Saturday as formerly announced, so as to enable the players to see the Michigan-Pennsylvania game on Saturday.

FRESHMEN II -FERRIS INST. O.

Coach Ashley and his freshmen met the Ferris Institute on their home field and won handily, 11 to o, though did it in the last quarter of the game. The condition of the field, coupled with the fierce wind, made good plays almost impossible.

Williams and Abbot Halls engaged in a very interesting game of football Saturday morning, which resulted in a scoreless tie. Abbot furnished the music (?)

Claud M. Cade, '07, is still doing surveying and leveling with the Goedetic & Coast Survey, Washington, and while in Michigan the past week called on college friends.

The Idlers entertained last Friday evening, Nov. to, with a ten o'clock in the parlor of the Women's Bldg. A Bijou performance was given, and the rest of the evening was spent informally. About 40 guests were entertained by the girls.

ENGINEERING SOCIETY.

To one who does not give it careful attention, it would perhaps seem that there is no relation existing between geology and engineering; but such was the subject of the speaker before the Engineering Society last Tuesday evening. A large audience was present to welcome Mr. Allen, who was introduced by Prof. Clark, of the chemistry department, at one time a fellow student with Allen in Wisconsin University. Mr. Allen is now state geologist for Michigan, and in that capacity is helping to make a complete geological study and maps of the U.S.

Among the things which he mentioned, and into the details of which he took his audience with a great deal of interest on their part, were the over-lapping of geology and engineering in mapping works. The geologist needs the civil engineer's training in order to successfully make his foundation maps upon which he will show the geological formations. Again, the engineer needs the geologist or his training in mining engineering, where there are the two problemsto find the ore or deposit, and to get it from the mine. The former is where the geologist may help. And again the two come together in sanitary engineering, where the geologist may help in the discovery of water supplies, and decide upon their probable purity and capacity. It was a very interesting talk, and given in a way which could be easily appreciated.

In the business meeting, the president was authorized to appoint a committee to make arrangements for an engineering society banquet, to be held the latter part of the term.

Next meeting Tuesday, Nov. 20.

TOKENS OF APPRECIATION.

FOR REV AND MRS GOLD-SMITH.

At the close of the Sunday evening service, which terminated Rev. Robert Goldsmith's connection with the East Lansing church, the congregation assembled in the community parlors. As Mr. and Mrs. Goldsmith came down the stairs they were ushered in front of the large fire place. President Snyder stepped forward, and, with a few words of appreciation in behalf of the members of the church and other friends in East Lansing, presented Mrs. Goldsmith with a purse filled with sovereigns. To Mr. Goldsmith was presented a fine Howard watch. Mr. Goldsmith responded in a very feeling manner, expressing earnestly their appreciation of the many kindnesses extended to them by the people of this community.

'8z.

Warren H. Goss is at present do ing civil engineering work in Oklahoma. His permanent address, however, is Bangor, Mich., where his family still reside.

'05.

P. H. Wessels has a fellowship in chemistry, University of Wisconsin, and expects to take the degree of Ph. D. next June. His address is R. F. D. 7, Madison, Wis. The M. A. C. RECORD.



ABOUT THE CAMPUS

An eleven o'clock party is to be given by the Idlers next Friday evening, November 17th, in the Ag. Bldg.

永济洋花

Miss Winifred Felton, '11, who is teaching in the public schools of Eaton Rapids, was home last week for the Andrews-Vedder wedding.

The short course bulletin is now ready for distribution. Leave names of those who would likely be interested in the courses at the president's office, and announcements will be mailed.

The M, A, C. Veterinary Association held a regular meeting in the lecture room last evening at 6:30. Dr. Lyman spoke on the subject of the "Value of Post Mortem Examination," not only to veterinarians, but to agriculturalists in general.

Through the courtesy of Mr. Edgar M. Ledyard, Entomologist at the Philippine Agricultural College at Los Bartos, near Manilla, the Botanical Dept. has been presented with a collection of more than 150 plants from the Islands. Mr. Ledyard is on a one year leave of absence, and is spending the time at Ann Arbor.

"Big John" Alfsen, with '03, was a college visitor on Wednesday of last week, while he was in attendance at the State Convention of Implement Dealers, held in Lan sing. Mr. Alfsen is with the Case Threshing Machine Co., with headquarters at Alpena. He was one of our star football men in '96, and won honors in the game that season. Reports from Oregon are to the effect that Mr. and Mrs. O. I. Gregg are the parents of a baby boy.

C. D. Beebe, with the class of 1901, was a college caller one day the past week. Mr. Beebe is a prominent farmer at Cliffon.

B. B. Pratt, '09, with the Bureau of Plant Industry, Dept. of Agriculture, is spending a short time at his home in Benton Harbor, and paid college friends a visit the past week.

The high wind Saturday evening did no further damage at M. A. C. than to unroof a portion of the tin from College Hall, and blew down the instrument house of Research Assistant Bouyoucos, of the soils department.

Hugh Glazier, '07, visited college friends the past week. Glazier is still with the American Concrete Co., of Chicago, as superintendent, and his work takes him over a large territory in the south and west. He has been located in Joliet, Ill., for some time past, looking after construction work for his company.

The new addition to the Chase building is progressing nicely, and before many weeks will be in first class shape. The glass fronts are now in place, which makes' the building take on a more finished appearance. A meat market will be installed in the rear, facing the east; the east half of the double front will be used for restaurant purposes, while the west half, including the former room, will be devoted to the grocery and drug trade, as heretofore. * Rev. T. A. Reid, of the African M. E. church, will speak in chapel Sunday morning at 9 o'clock.

Mrs. Ray Johnson (Alice Pettit), of Saginaw, came to M. A. C. the past week to attend the wedding of Norma Vedder.

The Feronians gave a very informal party Friday evening. Cider and doughnuts were served. Palms orchestra furnished music.

Miss Fannie Smyth was the guest of her sister, Mrs. E. II. Ryder, over Sunday. Miss Smyth was a student at M. A. C. the past year.

Rev. Robert Goldsmith, for two years pastor of the People's Church at East Lansing, preached his farewell sermon on Sunday, Nov. 12, and left on Monday for New York City, which will be his future home.

A rousing mass meeting was held Thursday evening in the Armory, in preparation for the Mt. Union game. Max Gardner was master of ceremonies, and speeches were made by Dean Lyman, Prof. Halligan and Jack Bowditch.

Mr. George W. Briggs, with the Bureau of Insular Affairs, Washington, was a college visitor on Friday of last week, and was greatly surprised and pleased with the campus, buildings and equipment of M. A. C. Mr. Briggs is superintendent of the Philippine Normal School at Manilla, and would like very much to interest M. A. C. students in the teaching proposition offered by the government. Miss Margaret McKenna was called to her home in Quinnesec Friday, on account of the death of her mother.

水茶茶菇

The juniors won from the seniors in the contest Saturday, 6 to o. The sophomores will meet the juniors Saturday, when the championship will be settled.

The first military was given in the Armory Friday evening by the first battalion. About too couples attended. Lieut, and Mrs. Cron and Sargt. and Mrs. Cross were patrons.

At the Farmers' Club meeting this evening, C. L. Coffeen speaks on "Principles of Plant Breeding;" P. B. Barber on "General Farming as a Profession," and C. F. Barnum on "Marketing Milk."

The cold wave scheduled for M. A. C. on Saturday was a day late, but made up for lost time on Sunday. Quite a blizzard raged during the day, the mercury dropped with a thud, and yesterday morning, the ground was covered with "the beautiful."

Jack Bowditch, now with Department of Animal Husbandry, has just accepted a fine position with the Trussed Concrete Steel Co., of Detroit, and will assume his duties with said company on Jan. 1. Mr. Bowditch's work will be that of organizing a Farm Department, of which department he will have full charge, including advertising, sales management, etc. The proposition is a good one, and carries with it a very attractive salary. The M. A. C. RECORD.



Michigan had the distinction of winning the market milk prize, with the highest score ever given at any show. This product was from the Roycroft Farm, at Sidnaw, Mich. Two splendid herds of holsteins from Michigan were shown, and an exceptionally fine herd of guernseys was shown by Mr. Barbour, of Birmingham. Michigan was well represented in every branch, and her exhibits were on a par with those of any State represented.

A NEW BULLETIN.

A most excellent bulletin has just been received from the press, which deals with the subject, "How Con-tact Insecticides Kill." The work is divided into two parts: 1. On the effect of certain gases and insecticides upon the activity and respiration of insects. 2. Some properties of lime-sulphur wash that make it effective in killing scale-insects. The bulletin includes a number of plates illustrating the methods used by the author in securing his data, and the various tables are the results of long and careful study.

It is planned to carry on similar study along other promising lines, in the hope of discovering facts that may be utilized in perfecting and rendering more efficient that great class of contact insecticides which, because of low efficiency or high cost, are used only when stomach poisons will not apply. The bulle-tin is the work of Dr. Geo. Shafer, Research Asst. in Entomology.



apply to succeeding years.

Nathan J. Gould, of the class of '14, was elected secretary of the class of 1914 at the University of Michigan last week. Mr. Gould is a student in the Law Dep't.

A. W. Brewster, 'oS, and wife were college visitors one day the past week. Mr. Brewster is a tool designer in Detroit, with residence at 483 Commonwealth Ave.

We are indebted to F. W. Howe for a copy of the Education Bulletin published by the University of the State of New York, on Farm Mechanics and Drawing Syllabus for Secondary Schools. In addition to the outline of study, there are ten plates of drawings. The drawing exercises are intended to occupy a regular recitation period of 45 minutes three times per week, alternating with two laboratory periods of 90 minutes each devoted to shop work in simple farm mechanics. The purpose of the year's course is to give students of agriculture the ability to design and draw, and then work out much of the rough carpentry, simple blacksmithing and other forms of mechanical work often needed about the farm and buildings. The bulletin is, we believe, the first of its kind to be published for high schools, and certainly furnishes a valuable text. Mr. Howe is a graduate of M. A. C., and was for two years an instructor in soils. He is now connected with the Agricultural Extension work in New York.