The M.A.C. Record

Michigan Agricultural College.

Vol. 12
East Lansing, Michigan, Tuesday, February 6, 1912.

Number 19

Alumni

The sad news has come to us of the death, on January 17, of the M.A.C. Class of 1891, Mr. A. C. Brown. He was a graduate with the class of '91, and is a prominent farmer of Allen, Mich. Mrs. Brown was a graduate from the Ypsilanti Normal, and for several years a successful teacher. Beste, the husband, two little ones are left—Harriet Ruth, two and one-half years, and an infant son, John Whitney.

W faster MEETING.

The Washington Alumni Association held its regular annual meeting in Freund's Hall, at 8:35 Tenth St. N.W., on Tuesday, Feb. 20, at 6:30 p.m.

The secretary desires the names of all who may find it possible to attend this meeting, in order that plates may be reserved. A very urgent invitation is extended to all out of town alumni to come up to Washington on above date and meet with the Washington people.

Those who desire to attend should write Miss Cornelia Fielding, at 1315 Tenth St. N.W., as early as possible, and plates will be reserved.

The number of those present—Feb. 20, at 6:30 p.m. and the place—Freund's Hall, at 8:35 Tenth St. N.W.

Wednesday's Program.

The army was well filled Wednesday afternoon by those who came out to see Sir Horace Plunkett, the Irish statesman and American farmer. Sir Horace is a personal friend of ex-President Roosevelt, of President Butterfield (Mass.), and of Dean L. H. Bailey, of Cornell. He is intensely interested in rural life, and made a plea for country living.

He would emphasize three points for the benefit of the country dwellers—better farming, better business, better living. In other words, a betterment of the practical, technical and social conditions. Farmers are too slow to adopt the co-operative plans, which mean as much to them as to any other class of citizens. Co-operative creameries were taken as examples of what might be done.

The speaker paid a fine compliment to the work being accomplished under the supervision of the M.A.C. and believed the future held much for the man trained along this line.

SUNDAY SERVICE.

Fully 1000 persons attended the Schoolhouse Chapel, Feb. 4, at 2:30 p.m., in the armory. Although the chapel chairs were added to those already in the armory, it was obliged to stand during the entire service. The decorations used by the pupils the day before were left in place, and relieved the usual barrenness of the walls to a very great extent.

Gov. Osborne gave an address on "The influence of the Christian Religion on Civilization." He reviewed the history of the church, of their trials and triumphs, paid a tribute to the solicitude of the American Catholic church, and to also those who have been women, in the great reforms. Many heard the Governor for the first time, and these were especially grateful to hear him upon such an occasion.

The numbers by the chorus, and solo by Mr. Killen were greatly appreciated, and added much to the occasion.

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PERFORMED EVERY TUESDAY DURING THE COLLEGE YEAR BY THE MICHIGAN STATE COLLEGE DEPARTMENT OF THEATRE AND DANCE

D. A. FAUQUE, MANAGING EDITOR

SUBSCRIPTION $1.00 PER YEAR

Housed as second-class mail matter at Lansing, Mich.

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TUESDAY, FEBRUARY 6, 1912.

JANUARY THE COLDEST.

January, 1912, was the coldest January on record in this vicinity, and records are on file since 1864. The average temperature for the month was 92.2° above. The nearest to this record was in 1875, the average January temperature of that year being 12°.

The warmest January on record was in 1880, with an average of 76.8°.

In the month just past, the weather man gave us 14 days of zero weather, and only one day did the thermometer stand above zero, all during the day.

This was on the 18th, and on this date for eight hours the indicator showed 2.7° above zero.

Now, in view of the beautiful ground fog day, we can replenish our coal bins and try and look good.

WORKS MANAGEMENT.

The class in works management visited the plants of the Standard Milling Bakers, and factories on Wednesday, making a study of the general types of the buildings, the methods used in heating, lighting, ventilating, the arrangement of the machinery and of the different departments, and the planning and routing systems employed.

The plant manager's duties have been made out with several men, some connected with factories out of the city, to spend one day each week on the subject of works management during the winter term. In general, these tasks are the duties of a works engineer, so that students not taking works management may be able to hear them.

RELIGIOUS EDUCATION ASSO. CIATION.

The ninth general convention of the Religious Education Association will be held in St. Louis, Mo., March 12-14, with preliminary meetings on Saturday and Sunday, March 11-12.

The general subject of all the meetings will be "The Training of Religious Leaders," and the program is arranged for about 40 different meetings, with about 100 addresses.


On March 12, President Snyder will address the meeting on the subject, "Training of Leaders for the Church Work in Rural Communities."

The home, school, social service, Christian associations, and art and music, all come in for discussion in this important meeting.

RESEARCH CLUB.

Dr. H. H. Wietzel, professor of plant pathology, College of Agriculture, Cornell University, was on the three days of last week to attend the Michigan Growing Growers' Association, which met in Lansing Tuesday afternoon in the State department of botany, and gave a talk, Wednesday evening, before the Michigan Agricultural experiment station workers in plant pathology at Cornell University, laying special stress upon plant diseases which is paid over to the treasurer of the university, and the college then assigns some graduate student to them, and the college taking such apparatus as is necessary.

The results of these investigations belong to the college and not to the person or association furnishing the money with reservation of the right to publish them; furthermore, the person or association interested has no authority over the student for the answers to the queries, no authority over the work of plant pathology. Then if all these methods make it possible to extend the work on plant diseases far more extensively than would be possible if it were dependent merely upon state aid alone, and has the farther advantage that the people who furnish the money have much more interested in the work, and get that much more benefit out of it.

HORT. CLUB.

F. M. Barden, one of the M. A. C. graduates in 1908, gave a very interesting talk before the Hort. Club last week on "Peach Growing" as his subject. Mr. Barden said that he was surprised the old hort. meetings, in which not many of them were held, are going around a table.

Mr. Barden spoke from his experience in the matter of growing peach trees, both near South Haven, and brought out many interesting points. He said that the most important thing in connection with peach growing, drainage and water drainage, was very essential. He found certain places on their home orchard were particularly adapted to certain varieties; for instance, he placed their "Smack" trees in the lowest places, on an account of their hardiness. Their last trees are being planted 24 feet apart, and Mr. Barden stated that he believes that would be a vast improvement on the old distance at 20 feet, as he had found roots covered a larger area than the branches of a tree, and, as the branches often overlap, he figures that the roots are better placed in the middle of the room; this also makes it more convenient for his lime and sulphur treatments. Also he keeps the trees thinned out the entire year. As far as possible, the trees are headed the first year by the removal of over 12 inches, to prevent attention. The older trees are pruned early in the spring, cut back, and the young trees are thinned after the gauge drop, before the pits harden; the young trees thinning depending on the variety.

Up to this year he has plowed up his orchard and put in a cover crop of corn the last of July or first of August, and, in their experiments with cover crops, claims the best results for winter vetch. His neighbors have obtained good results with oats and peas without plowing. As for the profits on the 13 acres, strict accounting and expenditures have been kept, and, figuring above all expenses, there has been a clean profit of $1,500 for the first year, or a profit of $1,200 for the last three years; and their orchard is getting into good shape. Their claims to have the best results with the Empire Mammoth and the New Jersey Mammoth. In conclusion, stating that the work of the peach orchard is a very exacting job, requiring close attention and good hard labor.

As a whole, Mr. Barden showed himself well conversant with his subject, and his talk was very interesting and instructive.

Leon Gardner described the Nero apple.

OUR EASTERN ALUMNI.

At the Keenstone state fair in Pitts- burgh, M. G. Kains ('93) had chats with H. E. Van Norman ('97), who was president of the association, and with Professor of Dairy Industry at Pennsylvania State College. Van tried out a new plan in the meetings of Pennsylvania Dairy Association, of which he is secretary, by having a milk dealers' session. He brought together dealers from New York, Philadelphia, Pittsburgh, and several other cities, and was very well received. They all wish to have so good a turnout, in spite of zero weather.

Prof. W. J. Wright ('91), of Pennsylvania State College, was in charge of the fruit display, which was on exceptionally fine one, especially from the commercial standpoint. About three curios were shown in the various classes. Prof. C. P. Close ('95), of the Department of Agriculture at Washington, was employed in identification work upon certain of the exhibits. Pennsylvania is over-run with scudding fruits and varieties that are little known, as E. D. Bassett (with the course from Fennville, Mich., secretary of the Michigan Horticultural Association, identified an address containing 15,000 mistakes in fruit growing, and a second on the essentials of spraying, which also writes at the recent meetings of the Western New York Horticultural Society and the State Fruit Growers' Association at Rochester he saw Prof. L. H. Hed- rick ('95), of the New York Experi- ment Station at Geneva, and R. D. Graham, of Grand Rapids, Mich., both of whom delivered addresses at one or the other of these meetings. The Graham was a most interesting one, before the State Board of Agriculture while Kains and Hedrick were in College. Mr. Barden attended a dinner celebrating the 50th year of the treasurer's service with the Orange Jewish Congregation. At the about 40 of the heads of the departments and the older men sat down. Among speakers in the two other M. A. C. men, G. C. Sevey ('93), editor of New England Farmer, and E. B. Reit of Iowa, were also in the editorial department. Sevey made one of the speeches of the evening. He spoke up enthusiastically about opportunities in New England agriculture, and still more about how valuable his colleges and farms and what farm pecop has meant to him and his family.

RIFLE CLUB.

Our team defeated the University of Kansas team last week, 84 to 75. The team scored as follows: Hammond, 15; Sheldon, 11; Helbard, F. F., 17; Spencer, N. M., 15; Scrwm, H. W., 19; Ted. W. 9; Don Low 4; Pagel 1.

The teams in the Western League now stand as follows:

Iowa 3

M. A. C. 3

California 5

Minnesota 2

Purdue 2

Michigan 1

Arizona 1

St. Thomas 1

New York 8

Kansas 0

The club has just received three fine new Winchester rifles. These will be used by the team during the League matches, and then, with other prizes, disposed of in a special contest open to all members. It has also just received from the Government arsenal 70,000 rounds of ammunition, which were sent there for repairs, and which are now in excellent condition fine firebooks. The rifle club is open every Monday and Tuesday night from 6:30 to 7:30 for gallery practice, and members entering in rifle shooting are invited to join the club and try for the college team upcoming. There are no California except dues, which are $50 per term.

MICHIGAN STATE COLLEGE ASSOCIATION.

The Michigan State College Association held its second meeting of the term Tuesday evening. These meetings are attracting an ever-increasing attendance, and the Association will soon be obliged to find a larger room in which to hold its meetings.

Interesting talks were given by Messrs. J. L. Morse, H. E. Marsh, R. W. Powell and C. G. Rythner. Prof. W. J. Wright ('91), of the college of agriculture, tried out at the close of the meeting, under the leadership of Cheerleader Van Meter.

Success, my boy, is the aim of all; But to live that joy to the full You want to get there Through the door marked push And not through the door marked pull.

Hear Maugh in the armory Fri. day, Feb. 9. The play is especially strong, and the cast good. A great deal of work has been done on the play, and we are not satisfied with every one who attends will be well repaid.

The last issue of The Fruit Belt contains a large number of fine pictures of the exhibits made at the National Apple Show, at Spokane, Washington, held recently, at which show Prof. Eustace acted as one of the judges.

The Botanical Department has received the services of one of the great Pathologist, Dept.of Agriculture, Washington, several specimens of wood receiving fixation, together with samples of the wood showing the peculiar form of decay caused by balsam woolly adelges. These speci- mens will be used in connection with the course in forest pathology.
Clarence Gorton, '99, with the Commonwealth Power Co., at Jackson, was a college visitor recently.

E. C. Linderman, '11, spent Sunday at M. A. C., and spoke before the class in agricultural journalism Monday.

Gov. and Mrs. Osborne and Mr. May, the famous cartoonist, of the Detroit Journal, were guests of President and Mrs. Snyder at dinner Sunday.

Rev. Wm. Steensma, the new pastor of the People's Church, addressed the short course students Saturday evening, and began his duties as minister by preaching morning and evening Sunday.

Rev. and Mrs. Roesa Kedzie, formerly of Pontiac, visited at the home of the former's mother, Mrs. Elia Kedzie, the past week. Mr. Kedzie '99, recently accepted a call from the church at Glen Ellyn, and when here was on his way to his new field of labor.

The first piano recital of the winter term, given by the students of music Friday evening, was attended by a good sized audience, and the program was a most enjoyable one. Those who took part in this recital were, Misses Ethel Prebodd, Pauline Felt, Margaret Pratt, Mabel Tusing, Clara Rogers, Ellen Thompson, Jennie Todd, Arda strong, Marjorie Eckliffe, Ethel Whittemore, Gladys Renwick, Margaret Holbrook, Irene Carter, Louise Chermens and Mr. L. M. Hutchins.

Prof. Pelet gave an illustrated lecture on insect pests for the short course students on Friday evening of last week.

Dr. Bessey spoke before the Michigan Ginseng Growers, who met in Lansing last week on the subject of "mecototenolus."

Mr. D. A. Seelye, of our Weather Bureau, has purchased the fine property on the corner of Ahbon and Albert Aves, formerly owned by Mr. Woodbury, and will build a residence on one of the smaller properties.

The 40th annual meeting of the Michigan State Veterinary Association is being held at M. A. C. this week, Feb. 6, 7, and 8. In addition to general routine business and an interesting program of papers and discussions, a banquet will be held at 7 p.m. tonight at the Hotel Wentworth.

A new gas furnace has been installed in the forge shop. This furnace has three distinct parts; one for crucible heating, one a muffle furnace, and the third an open furnace, so that all kinds of heating necessary in the heat treatment of steels can be carried on. Besides being of great use in hardening and tempering of tools for regular equipment, this furnace may be used in connection with the classes in metallurgy, and also for thesis work. Three of the senior engineers are already at work on theses covering investigations in heat treatment of different kinds of steels. It is believed that this furnace will be a very useful asset to the engineering department.

Exchanged—at armory, Saturday evening—pair gentleman's shoes. Please leave word at box 1013, P. O.

The Feronian party in the armory was one of the prettiest of the last week. The decorations were elaborate, the music of the best, and a large number of visiting alumnae and friends were present.

Prof. French visited the corn show at Kalamazoo Wednesday of last week, the high school at Otsego Thursday, and conducted a teachers' institute Friday. He will be in Grand Haven this week on institute work.

Mr. R. M. Sherwood, of Water, will address the Hort. Club at its meeting Wednesday night. Mr. Sherwood is one of the largest fruit growers in southwestern Michigan, having more than 500 acres of bearing orchards. He will naturally have something of interest for the students at M. A. C.

The speakers already pledged for the Roundup are, Prof. O. F. Hunkiker, dairy husbandman, Purdue University; A. G. Hammar, of Washington, D.C., who will talk on the control of the San Jose scale and coding moth; Mrs. C. W. Fauk, head of the Domestic Science Department at Columbus, Ohio, Dr. C. G. Hopkins, head of the department of agronomy and agricultural chemistry of Illinois University, J. B. Strange, '01, Grand Ledge, and H. G. Bell, of Chicago, will talk on "Cement Construction on the Farm."

P. H. Spencer, a graduate of the Iowa State College in '97, called on Dean Bissell the past week. Mr. Spencer is with the Chicago Electric Light and Water Co., and was a student under Dean Bissell in Iowa.

"Dr. W. J. McKenney, (Veterinarian) Brooklyn, N. Y., has purchased a lot at the rear of his hospital, which will enable him to add 30 more stalls to his establishment, a fact which indicates that veterinary practice is not on the decline in the City of Churches."

American Veterinary Review.

The Department of Botany held open house Wednesday afternoon for the Michigan Ginseng Growers. Prof. Coe's presented an exhibit of medicinal plants, and of drugs obtained from some in the crude form, as well as charts and specimens illustrating diseases of gingers and other plants. About 20 of the growers were present.

That Guy L. Stewart, '95, who lost his life in a railroad accident recently, had hundreds of friends all over the country was evidenced by the many beautiful floral offerings and letters of sympathy sent to the home in Gaylord. Prominent men in all lines of work, wherever Mr. Stewart's duties had taken him, were among those who took occasion to express their sorrow at his untimely death. It is reported that Wm. Osborne, the porter on Mr. Stewart's private car, was unable to survive his injuries, and died on Jan. 18.
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MICHIGAN FARMERS' INSTITUTES FOR FEBRUARY.
COUNTY INSTITUTES.

CORN SHOW
The eighth annual meeting and corn show of the Michigan Corn Improvement Association met last week (Jan. 29-Feb. 3) at the Western State Normal School, at Kalamazoo. The receipts and prizes were given for the various varieties of corn shown, and, in addition, special prizes in the boys' and girls' contest and others, as given below:

BOYS' AND GIRLS'.
1st. Tomm J. $10.00, donated by the Kalamazoo Bank and Trust Co., Kalamazoo, Mich.
2nd. Halton L. $10.00, donated by the Kalamazoo Bank and Trust Co., Kalamazoo, Mich.
3rd. Spring-both barley, donated by the International Harvester Co., Chicago.

PICKET SPECIAL.
A Hayes Four Wheel Plow, two-horse, $35, given for the Grand Champion Single Ear.

PICKET SPECIAL.
A silver cup was given for the best ear of Pickett of any color shown at the show, grown from seed that has been purchased of Jesse W. Pickett of three years or over. The cup is to be awarded annually until won three times in succession, then it becomes his property. The horse becomes the property of the M. A. C. for exhibition purposes.

While the exhibits were not so numerous as in some previous years, the quality was up to standard, and the display was one of the very best.

The special prize offered to boys and girls was won by Master Earl Pickett, of Calilonia.

 Jacob Reed's Sons of Philadelphia.
Are the largest manufacturers of COLLEGE UNIFORMS in the United States, and have won and maintained the business by sheer force of merit. The uniforms worn at the Michigan Agricultural College are finished examples of our product.

Jacob Reed's Sons of Philadelphia.

The years in this business, as well as the wide experience, are our security for the highest quality of work done. Our students stand on a platform of superiority which is beyond the reach of all our other advertisers, as regards the finish and workmanship, because the heart of the family itself will take pains to preserve the name which they have built.

Baked Goods.
Try the New Bakery—Where you can get Home-Made Bread, Pie, Cakes, Biscuit, Cookies, and Cake. Also brofakers. First floor near main hotel.

Bbakers.
COLLEGE BARBER SHOP—In Bath House, between Freshman and Junior Rooms. Get the best work here. Try it and see.

New Barber Shop in Union Building, under Senior House. One of the most skillful men can give us a call. E. C. Reynolds, Prop.

Books and Stationery.
M. E. MERRY, 19 West Ave., N. Books, Pencils, Slate Paper, Engraved<br />

BOOK BINDERS.
G. W. GOOBE, 130 Main Ave., N. Books, Pencils, Slate Paper, Engraved

Clothing.
E. B. MISHFLIN, Tailors and Gentleman's Furnishing Goods, Box ad.

M. A. C. Record.
J. W. KNAPP CO.
Special offer.
Inducements on Winter Merchandise.

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DENTISTS.

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MACHINERY.

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MUSICAL INSTRUMENTS.

PHYSICIANS.

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