

The M. A. C. RECORD.

MICHIGAN AGRICULTURAL COLLEGE.

Vol. 17.

EAST LANSING, MICHIGAN, TUESDAY, APRIL 30, 1912.

No. 30

THE ATHLETIC CARNIVAL.

The annual athletic carnival, held last Saturday on the drill ground, was a huge success in every way. A good crowd attended, and was very liberal with their money.

The big parade, which started at the Ag. building, was the main attraction in the early afternoon. Starting at 12:30, it wended its way through the campus and down Michigan avenue in East Lansing, giving everyone a fine chance to see it all. Some of the floats and attractions were the best that have been seen at any M. A. C. carnival. The music furnished for the occasion by the college band and Lacey's clown band outdid anything ever heard here. Some have wondered why "Fat" Scriber hadn't been drumming before.

Immediately after the parade, the title for the intercollegiate bone clapping championship was fought out between Professor Joshus Lovejoy and Herr Dr. Francisco, and after several trials, including those for speed, time and endurance, the medal was given to Professor Lovejoy.

All shows and amusements started about 2:30, and the regular barkers and music that is heard on the midways of shows was soon in progress. The department of public safety soon got into trim, and there was no pickpocketing or loafing allowed, and it was not long until every one had the "pinched" sign hanging out. The southern play, "Uncle Tom's Cabin," was soon in progress, with little Eva and Aunt Ophelia as the main attractions. Every one had a chance to prepare for the first of May by attending the Homelike place, which had a license and was free from arrest. Every concoction known was poured out there, and no one went dry. The dance proved the main attraction, and from the time the music started the floor was covered with dancers tripping the light fantastic, and when everything else was closed the strains of music still came from the armory. As all the clubs and restaurants of the college and vicinity closed up, the eating place held in one part of the armory proved to be a popular place about supper time, and the class of eatables handed out was proof positive of the value of our domestic science department. The popular minstrels held forth in a large tent, and proved to be one of the main attractions on the Midway. The character of their jokes and fun was very entertaining to everyone who availed themselves of the opportunity to hear them.

All students who had any grudge against a Prof. had a good chance to get even by throwing at the dummies, and by the looks of some of them in a short time it seemed that not a few had made the best of the chance and played hard upon them. The games of chance run at the end of the armory drew a crowd, and between the wheel of fortune, the dice, and ringing boxes of candy, gave every one all the chances to

gamble that he wished, and was a veritable Monte Carlo. The Illusive Lavinrac Loof was illusive all right, but at night he was captured and the season baseball ticket given up.

Everyone abided by the ground rules, and hence there was not much trouble. Some of the advice handed out by these rules would put to shame the by-laws of any city charter.

The weather was ideal for such an event, and although a sharp wind blew and it became cool in the evening, the crowd still stayed, showing great interest in the one big circus at M. A. C. While it is not known for sure how much was made, about \$700 was taken in, so that there should be a fairly good balance for the Athletic Association.

MEMORIAL FOR GUY L. STEWART, '95.

Steps have been taken Capt. by J. D. Millner, president of the Jefferson county (Ark.) Real Estate Exchange and others to start a memorial for Guy L. Stewart, whose tragic death has already been noted. Capt. Millner was associated with Mr. Stewart in the preparation of some of his exhibits which the Cotton Belt Railway sent out.

A committee at Pine Bluff will co-operate with a committee already at work in Camden (Ark.), where Mr. Stewart spent the greater part of his time when not on the road. That he was a general favorite with the people of that city, and surrounding country as well, is readily understood from the many splendid tributes to his life and work contained in the committee's report to Capt. Millner and published in the Pine Bluff *Commercial* of April 16.

The following taken from the above report gives something of an idea of what is planned:

"It has seemed particularly fitting that here (Camden) in the very midway of his latest life's work and among a people who esteemed him greatly, a monument should be erected that will always recall the memory of his career and our love.

"It is the desire of his friends to erect a suitable remembrance. It has been suggested that a beautiful memorial fountain properly inscribed be erected in the plaza surrounding the depot of the Cotton Belt railroad within a plot of living grass and flowers, to be ever in charge of the city and of the ladies of Camden.

"It is the wish of the committee in charge of the movement that subscriptions be solicited from those who were friends of the late Guy L. Stewart, labored with him or admire his labors and wish to keep his memory green."

A line from E. E. Sours, '13e, states that he is kept busy so far doing surveying in his home county (Wexford) and has plenty of work ahead for several weeks to come. His address is Cadillac.

WESTERN RESERVE BEATEN.

Another victory was added to the list in base ball Friday, when M. A. C.'s team won from Western Reserve, on the home field, 5 to 1. M. A. C. was strong all the way through, and at no time was the outcome questioned.

Dodge pitched his first big game of the season, and allowed but six scattered hits. M. A. C. bunched in the secured enough to win the game. Three doubles by Bradley, Dodge and Rogge, and a single by Griggs in this inning were responsible for four runs. Three singles in the sixth added another. The visitors secured one in the fourth after a brace of singles and a wild pitch by Dodge. The game was well attended, and the fans are greatly pleased with the way in which Macklin's men are batting.

On Wednesday afternoon Ohio Wesleyan comes here for a game, and on Saturday the first game of the season with Michigan will be played on the home field. The game on Wednesday will be called at 4 p. m., and the Saturday game at 2:30. Both are strong teams, and the contests will be good.

On the morning of May 4, at 10 o'clock, the annual dual meet between the freshmen and sophomores will be held. Some good material is showing up in both classes, and the meet will be a good one.

FORESTERS' CLUB.

The Foresters had a rousing meeting last Monday evening. Supervisor Dorr Skeels, of the Kootenai National Forest, was present, and gave a very interesting talk on "Forestry as a Profession." He spoke of the activities of graduate foresters in the field, and some of the essential points of technical training which were brought into actual practice during the first few years after graduation. He spoke of the great necessity of graduate foresters being good engineers, and having training along the line of engineering combined with the technical work of a forester; also the great opportunity in the growing demand for men capable of going into the employ of private logging concerns and working up as managers of logging operations, large milling plants, etc. Mr. Skeels also spoke of the Forest Service as simply a stepping stone in the training of the technical forester, and felt that the growing demand would soon be created for foresters in private work in large companies carrying on extensive logging operations.

After the meeting, a feed was participated in and general discussion of forestry topics.

Supervisor Skeels will take on several of the junior foresters in reconnaissance work on the Kootenai National Forest during the coming summer.

Prof. Coons will address the Hort. club Wednesday evening.

ALUMNI

'92.

L. C. Brooks, of Schenectady, N. Y., arrived in Lansing, Friday of last week with the body of his father, and interment was made at Mt. Hope. Mr. Brooks, who died at the home of his son, was formerly a college resident and owned at that time that portion of land lying west of the Delta and known as Brooks Addition. The son is connected with the General Electric Co., with offices at Schenectady.

'08.

L. E. Wood, of the class of '08, is now with the Milwaukee Locomotive Mfg. Co., of New York City, a subsidiary company of the National Brake and Electric Co., with which he was formerly employed. This company manufactures gas and alcohol locomotives for use in mines, industrial plants, etc. Mr. Wood is located at 30 Church St., Room 1520.

'10.

A. M. Miller, of the above class, is at present helping to build a new steel plant at Midland, Pa. His address is 350 Troquois Place, Beaver, Pa.

'11.

Mr. and Mrs. Alfred Henrickson announce the birth of a daughter, Helen Bernice, on April 8. Mr. Henrickson, who is farming near Shelby, was a member of our last graduating class.

'12.

D. F. Fisher writes from Camden, Del., as follows: "There is every prospect for an immense fruit crop here, and they say this is the only place north of Georgia where there will be full crop of peaches. My work will be experimental spraying of peaches and apples. I never saw such a profusion of bloom in any kind of fruit as we have here now. So far I have only completed arrangements for the season's work, but I expect to begin spraying operations in the Williams early red apples on Monday (April 22)." Mr. Fisher will be located at Camden for the summer at least.

Jack Knecht, '11, was a college visitor over Sunday. Jack is now with the City Railway Co., of Grand Rapids, Mich.

The graduating class of 1912 will be by far the largest in our history. Previous to the year 1911 none of the classes reached the 100 mark. Last year's class numbered 128, while the present indications are that there will be a class of approximately 164 the coming June. This number is divided about as follows: 66 agriculturalists (including hort.), 64 engineers, 13 foresters, and 30 women. This will bring the grand total up to 1840 men and women graduates since the organization of the college.

The M. A. C. RECORD

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B. A. FAUNCE, MANAGING EDITOR

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TUESDAY, APRIL 30, 1912.

AGRICULTURE IN THE HIGH SCHOOLS.

J. Y. Clark, '85.

In the April 25 issue of *Moderator-Topics* is published an excellent article by J. Y. Clark of the class of '85, of Orion, Mich. on the subject of "Why Agriculture and Kindred Subjects Should Be Taught in the High School."

Mr. Clark believes that only those who are in direct touch with both school and farm can realize how far the high school and the farmer has drifted apart and that the high schools of Michigan have only just begun to solve the educational problem of the farm. There is a certain lack of confidence on the part of the farmer toward the high school which will continue to exist until certain things are implanted in our high school courses which will more nearly answer the needs of the rural community.

Mr. Clark believes that if there be a spot on earth where the elevating influence of an educated man is needed, it is the rural community, but under present conditions the quickest way to lose such a man is by way of the high school. In completing the 12 grades too often the habit of close application to study becomes fixed with the result that an aversion to manual labor becomes as equally fixed. Again the subject-matter given is completely out of touch with the rural life surrounding it. The life of the average school pupil should be both cultural and vocational for the farmer that is to be.

The writer pays a fine tribute to the efforts of our M. A. C. and other great institutions as well as acknowledging the work of the agricultural press, experiment station bulletins, etc., in aiding the farmers, but to interest the great body of young people who should take up this work in the future, as well as to bring educational training closer to those already engaged in agriculture, should be one of the aims of each and every high school.

For the solution of the problem Mr. Clark offers the following:

"The logic of the situation calls for a four-year course in agriculture, as an elective study, in the curriculum of every high school, whether rural or otherwise, embracing within its natural jurisdiction a reasonable number of primary schools; such course to be conducted, not as a make-shift, but in charge of a specialist who has had expert training. Nothing could be done for the great farming classes of the state, which would so instantly and effectively engage their unanimous patronage and support, not only of

our high schools, but of our primary schools as well, as the establishment of the course suggested. And no move could be made more lastingly beneficial or reflecting more honor and sagacity by the high schools themselves."

COSMOPOLITAN CLUB.

The last two regular meetings of the club were of unusual interest, having been addressed by alumni members, graduates of other institutions. Dr. Bouyoucus, from the Cornell Cosmopolitan Club, gave a very interesting talk on the activities of the organization at Cornell. Mr. Hebler, of the Lansing high, a U. of M. Cosmopolite, told of the history and experiences of the chapter in Ann Arbor. Both speakers are quite enthusiastic and believe that the M. A. C. chapter will in time be able to boast of a sixty-five thousand dollar chapter house as does Cornell. The members assembled evidenced the same enthusiasm and have taken upon themselves at least to see that the chapter shall have decent club rooms in the near future.

The big event of the year, the open meeting, is being arranged for and it is to take place within a month's time. An exceptionally strong program will make the evening one of lasting impression. This event and some changes in the running of the club are expected to stir up some life, and make its value recognized by every member of our college family.

VOCATIONAL GUIDANCE.

Jesse Davis, principal of the Grand Rapids high school, addressed the Educational Club on Monday evening, April 15. His subject was "Vocational Guidance."

Mr. Davis outlined the plan now in operation in the Grand Rapids High, and in some other places to assist young men to select their life work. This is done by special application in English or literary work and in readings and conferences between students and the high school principal.

This is an entirely new movement and Principal Davis is the originator of the plan. It is being taken up by Harvard and several other institutions in this country, and Mr. Davis will give an address along this line at the N. E. A. meeting to be held in Chicago the coming summer. His address here was especially fine and was surely appreciated by those who heard it.

M. A. C. VETERINARY ASSOCIATION.

The M. A. C. Veterinary Medical Ass'n met in the Vet. building Tuesday evening April 23. After a brief business meeting, the following program was rendered:

"Hog Cholera From the Veterinarian's Viewpoint," by Mr. Louis Wileden. Mr. Wileden has been assisting the local experiment station in this branch of research since he has been at the college. He showed a complete knowledge of the subject and handled it like a master.

He discussed in detail the cause of the disease, its history, symptoms, its differential diagnosis, the course and termination of the malady and

the hygiene. Also detailed the post mortem changes. He briefly outlined the method of vaccination against the disease and explained the process of manufacturing hog cholera serum and vaccine.

Mr. Kurtz followed with a series of current events. He brought forth many topics of recent publication, dealing with veterinary and stock problems. This phase of the program is fast gaining favor with the students. Inasmuch as it affords an opportunity for the students to keep in touch with the progress of the science. It is a well established fact that even the most recent text books are behind the times, and it therefore behooves every live student to keep abreast with the current happenings.

General discussion followed the regular program. Refreshments were served.

AN EXPLANATION.

DEAR EDITOR:

From comments which have reached me, it is evident that some persons did not fully understand the views held by Dr. Cyril G. Hopkins, of the Illinois Experiment Station, regarding the use of raw rock phosphate, as expressed by him at the Michigan Round-up Institute last March. While it is true that he dwelt very strongly upon the value of this material as a source for phosphoric acid, he was very careful to qualify his remarks as applying to clay loam soils containing an abundance of decaying organic matter.

From the manuscript of his address upon "Economic Materials for Soil Improvement" I quote as follows: "It should be distinctly understood, however, that repeated experiments have shown that this material (non-acidulated, finely ground rock phosphate) gives practically no immediate returns if used in the absence of decaying organic matter. On the other hand, when used in intimate connection with liberal amounts of farm manure, or green manures, or both, we have conclusive evidence that it is one of the most economical and profitable forms of phosphorus, especially where the crop returns for a series of years are to be taken into account."

Also, "If one's interests are limited to the first crop, I should certainly advise him to use acid phosphate rather than the raw rock; and on soils very deficient in decaying organic matter, I always advise the use of steamed bone meal or acid phosphate in preference to raw rock phosphate."

And, "It is true that for immediate results raw rock phosphate is practically worthless for use as a fertilizer upon most of the worn soils."

From the above it should be clear to any one that while under certain conditions Dr. Hopkins favors the use of finely ground raw rock phosphate as more economical than acid phosphate, he would not make use of it unless it is finely ground and when it can be applied in connection with stable manure or decaying organic matter, or when immediate results are desired.

L. R. TAFT.

The botanical department has just received a number of new dissecting microscopes for class use.

AN ALFALFA HUNTING TRIP.

By E. A. Bessey.

In the summer of 1902 I was sent to Russia and Central Asia by the U. S. Department of Agriculture as an agricultural explorer. The following is an account of a trip made from Tashkent in Russian Turkestan northward 100 miles or more beyond the end of the railway.

Accompanied by my interpreter I engaged passage from Tashkent to Chinkent, a distance of 75 or 80 miles. The route traveled was over a government post road with relay stations for supplies of fresh horses every 15 or 20 miles. The implement of torture in which the victims are transported—in other words our carriage—was a "tarantass." If any machine on earth is an invention of the evil one, the tarantass is that machine, at least the form employed on that post road. There are no springs, the theory being that the platform of poles extending from the front to the rear wheels furnish spring enough. But as the poles were well seasoned, were some two or three inches in diameter, and less than six feet in length, it can be readily understood that the amount of springiness was not excessive.

The wagon box is shaped more or less like a square ended boat, and has no seats, the passengers sitting on the bottom of the box. A seat is provided for the driver. The box is too long to permit one to sit upright and brace his feet against the front, and is too short for one to lie at full length, especially if one has a valise or two. A small amount of hay is usually supplied for the passenger to sit upon, but not enough to deprive the animals to any extent. Some of the tarantasses have a kind of cover, while some leave the victims exposed to the fury of the elements, in this case being the terrible clouds of dust. Three horses pull the tarantass, the middle one trotting and the outer ones galloping. Since the last rainfall had occurred some five months previous, and this is a main traveled road, the dust was from six to eight inches in depth, covering perfectly the deep ruts, stones, etc. Half lying and half sitting as we were in the wagon box, when the wheel struck a stone, with the horses going at a gallop, we usually shot up into the air and again landed on some fresh portion of our anatomy, thereby making another sore spot.

A dust cloud enveloped us to such an extent that before we had gone half a mile the only features visible were eyes and nostrils, the remainder being covered with a thick layer of brown dirt. It was not all external, either, for it was impossible to avoid inhaling large quantities of it.

After a couple of hours of torture we reached the first post station and there found that we not only had to change horses but vehicles as well. When we learned this we coolly proceeded to appropriate the hay which we could find in other wagons standing by, in order to have some sort of cushion upon which to ride the remainder of the distance. As preceding travelers had followed the same tactics we did not find any great amount of material for cushion.

After horses had been procured and our tickets stamped and recorded

(Continued on page 4.)

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ABOUT THE CAMPUS

Two ball games this week—Ohio Wesleyan on Wednesday afternoon and Michigan plays on April 4. M. A. C. will win both with proper support.

O. W. Schleussner, '12, writes from Caldwell, N. J., that he is happy and as busy as can be getting in his vegetable crops. Mr. Schleussner has the management of a fine fruit and truck farm, is in an excellent location and will without doubt make a success of this work.

The musical recital given Friday evening was without question one of the very best programs yet given. It was necessary to use the large hall in addition to the parlors to accommodate those who attended. While every number on the program was thoroughly enjoyed, the violin solo by Miss Peck and the "Danse Mabre," the duet by Miss Freyhofer and Miss Scott called forth special praise by the audience.

Every one of the members of the present junior foresters have been recommended for assignment to summer work. The class numbers twenty-one. Part of the men will go to California, part to Colorado and some to Montana. They will take up practical work in forest surveying, including rapid reconnaissance work. These men will each receive \$50 per month and expenses while on duty in the field. The employment starts in June and lasts until about Oct. 1. This makes the third season in which the entire junior class has been taken care of.

Mrs. A. P. Andrews, of Salina, Kan., is spending a few weeks at the home of her daughter, Mrs. J. S. McDaniel.

The Poultry Department has introduced new blood in certain pens by purchasing White Leghorn stock of Mr. Fuller, near the college, and Rhode Island Reds from Mr. Cox of St. Joseph.

The Hort. department force was busy the past week spraying certain trees and shrubs on the campus. The brush and leaves are also being taken care of, and clean up time is surely at hand.

Dean Bissell, Prof. Vedder and some twenty-five engineering seniors leave Lansing today at 4:47 for their annual inspection trip. It was found necessary to give up the New York trip as was at first planned, as the number who found it possible to go was reduced from 40 to 25. We hope to have a full account of the trip later.

C. A. Tyler, of Coldwater, has been appointed as Field Agent in Forestry by recent action of the Board and is already at work. Mr. Tyler, who is a practical forestry man, has secured a list of some 100 men who have set out forest seedlings from the college nursery and will investigate the conditions surrounding same. He will study methods of both those who have succeeded and those who have failed. By acquainting himself with conditions throughout the state he will be in position to offer valuable suggestions to those interested.

The plot of ground east of the main hospital has been broken up and will be set to ornamental trees which will be a decided improvement to that portion of campus. The work of transplanting began on Friday of last week.

On Saturday of last week the Lansing Agency of the Rumeley Traction Co., of Laporte, Ind., gave a demonstration in plowing in field No. 10. A 30 H. P. kerosene burning tractor was used, pulling four plows. The demonstration was in charge of Mr. Musselman, of our farm mechanics department, who was anxious to try out one of these machines. It is the same type as that used in the West and on prairie lands and they are coming into quite general use, several having been sold in this part of Michigan.

Prof. Benjamin Bailey, of Ann Arbor, spoke before certain engineering students Thursday afternoon on some phases of the induction motor. At 6:45 Thursday evening he addressed the engineering students in general on the subject of electric propulsion of ships, or the short distance electric transmission as distinguished from long distance transmission of which so much is said of late. The lecture was well attended and very much appreciated by every one present. It is to be hoped that this is but the beginning of interchanges with our electrical department, and that a number of speakers will find it possible to come to M. A. C. during the term.

Profs. Sawyer and Wilson took an auto trip to Detroit Saturday returning Sunday afternoon in the rain.

Neil Van Horne, '11, is enjoying his work at Hamilton, Minn., as manager of the estate of a Mr. Burtiss. His work includes fruit, poultry and forestry.

Ralph G. Kirby '12 has received his appointment to a position as assistant in spraying experiments to be conducted by the Bureau of Plant Industry in the vicinity of Benton Harbor and will report for duty May 1st.

Michigan has accepted the invitation to join the National Corn Show at Columbia, S. C., to be held in Feb. 1913, and has asked for 30 feet of space for an exhibit. This exhibit will not necessarily be corn alone, but will consist of all grains and forage crops of Michigan. The Michigan exhibit will be in charge of F. W. Raven, College Field Agent.

Mr. C. R. Dooley, educational director of the Westinghouse Electric Mfg. Co., a college visitor recently, was presenting the merits of the technical apprentice course offered by his company for engineering graduates, and while here making the acquaintance of several engineers. Mr. Dooley desires to interest at least two engineers from M. A. C. in the Westinghouse proposition. He was accompanied by Mr. Balyeate, of the sales department of the same company.

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AN ALFALFA HUNTING TRIP.

(Continued from page 2.)

the first driver was tipped so that the second would treat us properly, and we started on our journey again. We kept this up all day, the trip being varied by occasional enforced waits at a post station for lack of horses. We had intended to travel straight through and reach our destination the same night, but these delays kept us back until about ten o'clock we reached a post station where we were informed that we could secure no more horses until morning. We attempted to sleep on the benches provided in the waiting room, but the fleas left by previous travelers were on the job so that there was very little sleeping done by either of us.

We were compelled to take our own provisions with us, the only thing possible for us to get being a "samovar." This is a brass kettle with a central chimney in which a charcoal fire is burning. This serves to keep the water boiling in the kettle. It is the universally used utensil for tea making. We carried our own tea and sugar, but were always able to get a samovar and tea pot, since every Russian family has these belongings.

We reached Chimkent the middle of the next afternoon, and at once looked up our Russian friend. He provided us with a good supper and a room where we could sleep undisturbed, and the next morning we started out on another tarantass, this time a private one, for Sairam, taking with us the Russian to act as interpreter for the native language, and my own to translate the Russian into English. At Sairam we routed out the head man of the village, and visited various large alfalfa fields, taking notes on these and making arrangements for packages of seeds. This head man invited us to dine with him. We sat cross-legged on the floor around a square table about two feet in diameter and eight inches high. The tea and dessert was served first as is the custom in that country. The dessert consisted of nuts, raisins, little cakes and candies. Then came the main dinner which was "ploff." This is a mixture of rice, cooked in the fat of sheep's tails, with cubes of mutton, and mixed with raisins. Our host gave each of us a spoon, but ate his portion with his fingers. Before eating he carefully divided the ploff into four parts, using his hands, and we then fell to. Our host finished his portion first, and remarking "not through yet" bunched all remaining food together and proceeded to again divide it into four parts. This was repeated the third time as he always finished first.

(To be concluded next week.)

Mr. Floyd Fogle accompanied the body of his father to Sunfield, on Saturday of last week, where interment was made near his old home. The father died at the home recently purchased by Mr. Fogle, east and north of the college.

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Dr. Lyman will speak before the Veterinary Medical Association, Tuesday, 7:00 p. m., May 7, on "Obstetrics." All students of live stock ought to take advantage of this opportunity. It is of economic importance to the stockman. Remember the date and the hour. Everybody is invited.

Instructor Linton was in Kent City Saturday, where he gave a talk on incubation and brooding of chicks before the members of the Kent City Poultry Association. This is one of the strongest associations in the State, having over 100 members. A "feed" was held in connection with the meeting.

The Cosmopolitan Club has subscribed for the *Cosmopolitan Student* for the use of the library. This is the official organ of the National Association of Cosmopolitan Clubs, and deals with student life all over the world, and the United States particularly. All those interested may find same on the north shelf of the reading room.

At the meeting of the Y. W. C. A. Thursday evening, the subject discussed was whether Islam in Africa, or Christianity was waging the greatest warfare. What Christianity had already done for the people of that continent and the opportunities now open were questions of interest. On the other hand, it was shown that, taking into consideration the character and aggressiveness of the schools, the Mohammed religion fails utterly to meet the demands of the people. Miss Alida Dearborn and Miss Aurelia Potts were the speakers.

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