

# The M. A. C. Record.

VOLUME 2.

LANSING, MICHIGAN, TUESDAY, APRIL 6, 1897.

NUMBER 13.

## Honor Where Honor is Due.

President Angell in his address at the anniversary of the location of the capital at Lansing, on "the development of higher education in Michigan," classed the Agricultural College with the University as one of the state's institutions for higher education. He said that the college was one of the best if not the best of its kind in the country. It was the first agricultural college and those established in other states had used it as a model. He said the state can well afford to support liberally all its institutions of learning and that they had been worth much more than their cost to the state. Long live President Angell.

## Tuberculosis Experiment.

About the middle of August last Dr. Grange killed some cows in the western part of the state that were badly affected with consumption. He brought home with him the lungs and other diseased parts of one of these cows. A few gallons of freshly drawn milk were infected with the expressed juice of these tissues. The milk was then run through a separator and the cream churned in the usual way. The germs of tuberculosis were found in the skim milk, cream, butter and buttermilk. The skim-milk was fed to three pigs for four days. When two of the pigs were killed in the latter part of March they were found to be badly infected with tuberculosis, although they had received diseased milk but four days and were fed perfectly healthy food since. Three other pigs of the same litter fed from the beginning healthy food and kept in an adjoining pen were found to be perfectly healthy when slaughtered.

## Michigan Academy of Science.

The Michigan Academy of Science, at Ann Arbor on Friday afternoon, closed a most interesting and successful three-days' meeting. The Academy was organized in June, 1894, and this was its third annual meeting for the presentation of papers, the two previous meetings being held in Lansing. It has grown steadily in membership and importance until it now includes about one hundred and fifty of Michigan's most progressive scientists, from all parts of the state and representing almost every branch of science. Sections of botany, zoology, hygiene and sanitary science, and agriculture have been organized already, and sections of geography and geology, chemistry, and perhaps others, probably will be organized soon. Subsections of ornithology and conchology are already doing good work, and a subsection of entomology was formed last Thursday, with Instructor R. H. Pettit of the Agricultural College as chairman.

At the meeting just closed four general sessions of the Academy were held, and three of the sections held enthusiastic sessions of their own. In addition, Prof. Israel C. Russell gave a very entertaining and instructive lecture, Wednesday evening, on an ascent of Mt. Rainier, illustrated with fine lantern pictures; and on Thursday evening, at Tappan Hall, the members of the Academy were tendered a most enjoyable evening reception by their Ann Arbor friends.

It is not easy to overestimate the importance of the work undertaken by

the Academy, nor the significance of this Ann Arbor meeting, by far the largest and most successful yet held.

About fifty members were present at the various sessions, and an average attendance of thirty was reported from the section meetings. All sessions were open to the public, and there were goodly numbers present every day. Thirty-five papers were presented, most of them being freely discussed, and the utmost harmony and truest scientific spirit prevailed. Representatives were present from almost all the scientific and educational institutions of the state, and Friday's sessions were entirely devoted to the educational aspects of science, the meeting being held jointly with the Michigan Schoolmasters' club.

The local committee had spared no pains to make every possible preparation, and, altogether, the meeting was a grand success, and will give a noteworthy impetus to science in Michigan.

W. B. B.

## Bacteriology.

Bulletins 139-140 by Assistant Bacteriologist Charles E. Marshall, are very interesting as well as valuable.

Bulletin 139 is about bacteria, describes the various micro-organisms and tells what they do, in language easily understood by all. It also contains a chapter on laboratory work, which gives a description of laboratory methods and numerous illustrations of laboratory apparatus. This Bulletin is intended to give a little instruction in the elements of the science of bacteriology for the benefit of those who read Bulletin 140 and others that will be issued from the department from time to time. Bulletin 140 is on ropiness in milk, its causes and treatment. L. M. Mooers, secretary of the Microscopical Society of Washington writes of these bulletins, "I want to congratulate you on the plain, untechnical readable way you have presented the subject."

## Notes from the Farm Department.

The museum over the class room in the agricultural laboratory is being transformed into a laboratory for the study of soil physics. Hot and cold water and steam have been brought into the rooms and suitable tables built. A drying oven forms also part of the equipment. Balances and other apparatus have been purchased and by the beginning of the term the department will be ready to give thorough practical work in the physical examination of soils and a study of soil physics as far as that study can be profitably carried in connection with the growing of the crops on the farm.

Since, according to the new schedule, the present freshman class will have but this one year on the farm department, the boys will have to study the methods of doing all classes of farm work, growing the various crops, handling the different kinds of farm stock, stock feeding, dairy work, accounts and farm management, and, in fact, all the details of regular farm work. This will keep them fully occupied during the afternoons of the next three terms.

Prof. H. W. Mumford visited his Hillsdale county home for a few days during vacation.

G. H. True is making cheese in Mad-

ison, Wis., for a month, to become more thoroughly acquainted with the details of the operation. He went to Menominee during vacation and tested some of the Holstein cows of W. S. Carpenter. The Holstein Friesian Association of America offers large prizes to the cows making the largest records and producing butter at the least expenditure of food stuffs. Mr. True will therefore weigh and test the milk of each of these cows and at the same time weigh the feed so that the data necessary to determine the economy of production will be reported.

Prof. Smith went to Saline on Thursday of vacation week to speak to the farmers on the advisability of erecting a butter factory at that point. He will visit Saranac on the same errand in the immediate future.

The interest in sugar beet production increases as spring approaches. Large numbers of applications for seed come in by every mail. The Experiment Station will analyze beets grown from seed sent out from the College and grown as prescribed by the station. The Department at Washington furnishes the seed for distribution.

## In Social Way.

Thursday evening of the last week of school the young women of Abbot Hall entertained a few young men. The guests were first ushered into the parlor, where games were enjoyed; then they were invited to the kitchen laboratory on second floor, where the mysteries of warm sugar eating were practically demonstrated. All who attended declare the "Abbot Hall girls" good entertainers.

A few members of the Union Literary Society celebrated the close of last term by indulging in an informal hop on Friday evening. Warm sugar was served.

Mr. and Mrs. Westcott entertained about forty guests last Wednesday evening in honor of the Misses Greening and Pixley. Six o'clock dinner was served on small tables in their rooms in Howard terrace, after which the guests went to the Hesperian Society rooms and indulged in dancing until eleven o'clock. The guests from the city were Misses Lu and Helen Baker, Gertrude and Mary Humphry, Charlotte and Rebecca McCallum, and Miss Beckwith, and Messrs. E. D. Sanderson, C. A. Gower, Jr., Allan Stone, H. A. Hagadorn and Louis Appleyard.

Misses Lilian and Fay Wheeler gave a thimble party Friday afternoon; refreshments were served.

Mrs. Gunson gave a six o'clock tea Friday to Mrs. Snyder, Miss McDermott and Miss Fuller.

Six couples enjoyed an informal hop in the Hesperian rooms Friday evening, from 8 to 10.

## Millions for the Poor.

That capital is not necessarily a hateful and oppressive thing is demonstrated by the use to which the Baroness Hirsch proposes to put a portion of her immense means. Already expending for charitable and educational purposes the sum of \$2,400,000 annually, the baroness has appropriated an amount sufficient to buy land and put up a complete building for the Baron Hirsch trade school in New York,

which has already been established. This philanthropic woman will also expend \$1,000,000 for the erection of model houses for the poor in the crowded tenement district of New York, or wherever the trustees of the firm may determine. Working girls will also be provided with homes on a plan similar to that which she has followed in foreign cities. Thus will the millions of the baroness, which might go for schemes of selfish pleasure and vainglorious display, bring comfort and cheer and lasting and practical good to the deserving poor of a great city.

## A Story of Lafcadio Hearn.

It is a stupid editor who accepts as true all the stories told about noted literary persons or any other noted persons, that appear in the daily papers; but when a well-known newspaper man puts his own name to an article, the presumption is in favor of its correctness. An article signed by Frank Pixley appears in the *Chicago Times-Herald* telling how Lafcadio Hearn made a newspaper reputation in a single night on the Cincinnati *Enquirer*:

"It was a red-hot night for news. One after another all the star members of the staff had been sent out on assignments until the city room was practically vacant. A rough, uncouth, queer-looking tramp sauntered in and asked for a job. The city editor told him there was nothing for him and turned to answer the telephone. Over the wire came the information that evidences of a murder had been discovered at the city gas works. The caller was just shuffling out of the room when the city editor hung up the receiver and called out: 'Wait a minute! Go out to the city gas works and see what's the matter there. Come back as soon as you can.'

"The stranger was back again within an hour. 'It's a murder,' he said, and went into the reporter's room. A half-hour later, when the city editor entered the room, he found the reporter lying full length upon the top of a long table, while the blank paper was held close to his face because of an affection of the eyes which prevented the eyeballs from turning in their sockets. Picking up a few pages of the manuscript, which was beautifully written and had the fineness of copperplate, the editor read it carefully and then laid his hand gently upon the writer's head. This instantly elicited a snarl like that of a wild beast. 'It's all right,' remarked the editor. 'Keep your temper. You may give us all of that stuff you can write.'

"The stranger continued to write until long after midnight, and his matter filled three columns. It gave all the details of one of the most horrible murders in the history of modern crime—the killing of an official of the gas company by an employé, who dismembered his victim's body and cremated the fragments in a coke furnace.

"The description of this crime had all the fascination of Edgar Allan Poe's ghoulish tales, and the story of the 'gashouse murder' became a reportorial classic. The unknown who wrote it never had been heard from before that time, tho' his name afterwards became well known to lovers of American literature. It was the initial appearance in newspaper work of Lafcadio Hearn."—*Literary Digest*.



**At the College.**

Sheep shearing began Saturday.

Mrs. Dean spent the vacation in Grand Rapids.

C. D. Butterfield spent Tuesday of last week in Howell.

Prof. W. O. Hedrick spent the vacation in Indiana visiting relatives.

Mr. Dean was called to Napoleon Friday by the death of his grandfather.

H. P. Gladden has recovered sufficiently to be at College most of the time.

Miss May Butterfield visited Miss Margaret Layton in Ann Arbor several days last week.

Joseph Robertson, Mason, and Robert Grocock, Menominee, were visitors at the College Thursday.

A general overhauling and cleaning up has taken place at the mechanical laboratory during vacation.

Prof. Taft spent most of the vacation week at South Haven and Byron Center spraying for San José scale.

Prof. Noble left Sunday afternoon for Chicago to spend six months at post graduate work in the Chicago University.

Saturday morning Mrs. Taft received the sad news of the death of her brother's wife, Mrs. Maynard, of Rockford, Ill.

George Bonnell, of Leslie, spent most of the closing week of last term taking photographs, mostly interiors, for new lantern slides.

Lost—Somewhere between the School for the Blind and College, a "96 Searchlight" bicycle lamp. Finder please return it to H. E. Smith, mechanical department, and receive reward.

All society editors of the RECORD are requested to meet with Mr. Crosby in the English class-room today (Tuesday) at 12:20 to arrange work for the term.

Prosecuting Attorney Crandell of Sanilac Center was here on Monday of last week making arrangements for three sons to enter College next fall.

The Thursday evening meeting of the Y. M. C. A. will be in charge of Mr. C. W. Loomis. Sunday evening Mr. A. T. Cartland will lead; the subject will be announced later.

Prof. F. S. Kedzie gave a lecture on "Kitchen Chemistry" last Tuesday evening before the Tourists Club of Jackson. The meeting was held at the residence of Dr. A. E. Bulson.

Hon. Oscar Palmer, Grayling, who was a member of the State Board of Agriculture, 1889-91, has been nominated by President McKinley for register of the U. S. land office at Grayling.

Forty-five visitors at the College left their names in the museum register during vacation week. It is safe to say that this number represents but a small percentage of the visitors during that week.

W. S. Howland received his diploma at the end of the winter term and left for his home at Jefferson, Ohio, last Tuesday. He will spend several months recuperating his health, after which he may study medicine.

President Snyder attended the meeting of the Schoolmasters' Club in Ann Arbor last Friday, where he met committeemen from the several colleges in the Michigan Intercollegiate Athletic Association for a conference on athletics.

The officers of the Young Men's Christian association for the coming year are: President, C. W. Loomis;

vice president, C. E. Townsend; corresponding secretary, E. M. Hunt; recording secretary, A. J. Cook; treasurer, C. H. Hilton.

Lieut. Bandholtz was promoted on the 12th of February, from second to first lieutenant. He was assigned to the 24th infantry (colored regiment) at Fort Douglas, Salt Lake City, Utah, and transferred at his own request to the 7th infantry at Fort Logan, Denver, Colorado.

Here is still another evidence that the special courses at M. A. C. are a good thing. B. B. Smith, of Haslett, sends samples of clover seed for examination saying, "Since taking the course at the College last winter I am quite particular as to the quality of seed that I scatter broadcast.

In the west room of the forcing house are large, strong tomato vines, which have been bearing ripe tomatoes for nearly a month. The room also contains beets, Japanese cucumber vines in fruit, and small American cucumber vines for transplanting. The east room contains lettuce in all stages of development, radishes, celery and rhubarb.

Prof. Edith McDermott and five of the students in the Women's Course remained at Abbot Hall during vacation. Misses Jacobs and Smith put into practice the instruction received during the past six months, and Miss McDermott is authority for the statement that many tempting dishes have been served. The others who remained were Misses Belliss, Nichols and Lockwood.

The third annual meeting of the Michigan Academy of Science was held in Ann Arbor last week. Prof. Barrows was re-elected secretary of the association; Prof. Wheeler was elected vice-president of the botany section, Prof. Smith of agriculture, and Mr. Pettit was made chairman of the new sub-section on entomology. Profs. Barrows and C. D. Worcester and Mr. L. W. Watkins, '93, were appointed a committee to look after means for the protection of song birds in this state.

Friday evening, March 26, President Snyder, Prof. Woodworth and Miss McDermott entertained a large audience in All Souls' church, Grand Rapids. President Snyder lectured on the Agricultural College, while Prof. Woodworth entertained the people with lantern views. Miss McDermott followed with a lecture on Domestic Economy, in which she urged the establishment of cooking schools in city high schools. The Grand Rapids morning papers spoke very highly of the lectures.

**Purposes of Reading.**

KATHERINE MCCURDY, '99.

I think it has been said that a very accurate estimate of a person's character can be formed by simply knowing the kind of matter that person reads. This truth shows the importance of choosing the best works of the best writers, and in such a time of plenty, it is certainly unnecessary to accept anything but the best. Knowing the necessity of good reading, we may more correctly judge of the true object of such reading.

There are two purposes for which reading is done; namely, improvement and pleasure, two broad terms which include a great deal. If improvement is the aim, information is sought for. Every person should try to grow, that is, become mentally stronger in every line. From a practical point of view, this may not seem to be required, but, upon investigation, it

will be found that the most successful men or women are those who possess a large stock of general information, a large part of which can only be obtained through reading. Such a one may not necessarily have completed a college course, though that is one of the best ways of developing the mind and obtaining a large amount of general knowledge; but must be one, as Huxley says, "Whose intellect is a clear, cold, logic engine, with all its parts of equal strength and in smooth working order; ready like a steam engine to be turned to any kind of work, and spin the gossamers as well as forge the anchors of the mind."

Another phase of reading for improvement is for the purpose of developing the esthetic side of human nature. Beauty is not seen by everyone unless pointed out, and it is the duty of the true artist to point out such beauty and thus help to have it understood. To reach the mass of people this must be written, and the readers receive their reward by reading.

An entirely different purpose of reading is that of pleasure. There is a sensational pleasure, a love for excitement, which is easily gratified, but the gratification of which is not conducive to proper mental growth; its influence is very often harmful. On the other hand, reading may be done simply for amusement at times when the mind needs a rest or at least a change. Wit and humor should have a place in every day life. Whether our reading is for one purpose or another, it should not be confined to one subject alone but should include whatever would benefit or help in any way ourselves and our people.

**Colleges and Exchanges.**

On the fifth of March the U. of M. alumni, who are studying in Leipsic, formed an association whose object will be "not only to serve the social ends of social fellowship, but also to furnish any desired information to those who intend to do graduate work here, as well as to aid new arrivals." C. C. Townsend is president of the association and S. H. Baer is secretary.

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Friday, March 26, was Anniversary Day at the State Normal, and the day was made memorable by the dedication of the new Student Christian Association building, a splendid two-story structure built of rough stone and finished with sandstone.

\* \* \*

The students of Alma College presented President Bruske with a new office chair.

\* \* \*

Albion and Ypsilanti have arranged a debate, which will occur in May, on the question, "The peaceful acquisition of Cuba should be the policy of the United States." Ypsilanti will have the affirmative.

\* \* \*

There are over twenty seniors at Olivet, but all must take part in commencement exercises.

\* \* \*

Culver Military Academy, Culver, Ind., has purchased the entire troop of famous black horses ridden by Troop A, of Cleveland, at the inauguration of President McKinley.

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News from Graduates and Students.

Ralph Millis, with '99, is studying law in Detroit with Harrison Geer.

E. J. Rowley, '90, has been sick most of the winter and has moved from his farm at Harvard, Mich., to Greenville.

C. T. Cook, '91, made a business call at the College, Thursday. He reports Bert as entirely recovered from his severe illness in California.

D. W. Roberts, with '94, was a visitor at M. A. C. last week. He is now an M. D. from Cleveland University and will begin practice at Holt.

The chemical investigations of George I. Teller, '88, have recently been reprinted in the highly exclusive American Chemical Journal, Baltimore.

W. S. Delano, '81, Lee Park, Neb., has been a delegate from Nebraska to the National Farmers' Congress for six years, and has presented original papers at the several sessions.

L. Whitney Watkins, '93, Manchester, was at the M. A. C. a few days last week making arrangements for his sister, who enters College this term and plans to finish with '98.

Recent additions to our alumni library include "Embalming and Embalming Fluids," by Dr. Charles W. McCurdy, '81, and three pamphlets on veterinary subjects by Dr. N. S. Mayo, '88.

W. L. Rossman, '89, left week before last to take the position of consulting chemist with Reid, Murdoch & Co., wholesale manufacturing grocers of Chicago. Mrs. Rossman went to Chicago last week.

While in Jackson last week Prof. F. S. Kedzie called on Robt. McNaughton, '78, who is in business in the city, and saw H. R. Breck, with '93, who is farming with his father about three miles from Jackson.

Charles Lawton, '88m, was in Washington, D. C., a short time ago on business for a Cripple Creek, Col., mining company. He has about fifteen young mining engineers under his charge, none getting less than \$125 per month.

Frank F. Stephenson, who took special work here in '94, was the unanimous choice of the Iosco County republican convention for commissioner of schools. As the democratic convention also endorsed his nomination, he feels reasonably sure of his election.

The engagement is announced of U. P. Hedrick, '93, to Miss Amy Plummer of Corvallis, Oregon. Mr. Hedrick is professor of Botany and Horticulture in the Oregon Agricultural College; Miss Plummer is the daughter of the rector of the Episcopal church in Corvallis.

"Barney" Hall, '90m, married Ethel Maud Manning Tremaine at Buffalo, N. Y., November 28, '96. They stopped, on their wedding trip, a few days in Washington with friends of Mrs. Hall's. "Barney" is one of the officials of the Penn. R. R., with headquarters at Jersey City, N. J.

Fred L. Chappell, '85, is a successful patent attorney in Kalamazoo. In Lansing on business week before last, he made his first visit to M. A. C. since graduation. His 247 pounds of cheerful friendliness bear evidence that panics and failures in the celery crop do not seriously affect him.

J. H. Freeman, '90m, kindly sends us items regarding H. F. Hall, and Charles Lawton. Mr. Freeman has a good position in the patent office at Washington, and enjoys the work very much. He is also taking a law course in the Georgetown College and expects

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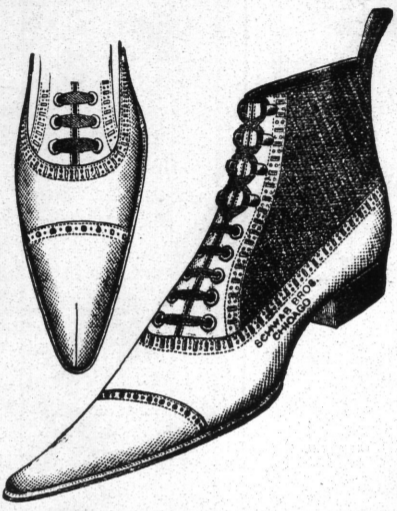
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to be an expert in patents and patent law some time.

It is reported that O. H. Pagelsen, '93, will graduate from the medical department of Northwestern University next June. During his three years at the Northwestern, Pagelsen has been assistant in chemistry, has done enough private tutoring to pay expenses, and has successfully carried forward his medical studies.

ATHLETICS

Kalamazoo College claims the best college baseball diamond in the state.

This year, June 12, the great U. of M.-Cornell baseball game will be played in Ann Arbor instead of Detroit as formerly.

The Ypsilanti manager writes that the Normal cannot play us April 10, owing to their Easter vacation.

For the first time in years our schedule of classes is so arranged that 5 to 6 p. m. is an open hour. This will leave athletes no excuse for not being in excellent training when field day comes.

"Bobby" Gayle of the Detroit "Tigers" has been engaged to coach our base ball team and is expected to report tomorrow.

A great many people are like bicycles. They roll along through life in a proud manner until the tire is punctured, and then we find they were mostly built on air.—Rocky Mountain Collegian.

Who wrote the most, Dickens, Warren or Bulwer? Warren wrote "Now and Then" Bulwer wrote "Night and Morning," Dickens wrote "All the Year Around."—Ex.



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