

The M. A. C. Record.

Vol. 3.

LANSING, MICHIGAN, TUESDAY, DECEMBER 21, 1897.

No. 15.

A New Society—the Themian.

Eleven young women of the sophomore and freshmen classes have just completed the organization of a new literary society, which, like the other literary societies of the College, embodies the good features of both fraternity and open society. The name they have chosen is Themian, after the Grecian goddess, Themis, personification of custom, justice, law, and peace. Until other arrangements can be made, the meetings of the society will be held in the Chapel on Saturday evenings.

The charter members of the society are Misses Irma Thompson, Artie Lockwood, Coral Havens, Kate Nichols, Ruby Calkins, Florence Mundon, Harriett O'Connor, and Josephine Spencer, of the class of 1900, and Misses Marguerite Bogula, Clare Dean, and Miriam Graham, of the class of 1901. The officers elected for next term are as follows: President, Miss Marguerite Bogula; Vice-President, Miss Ruby Calkins; Secretary, Miss Irma Thompson; Treasurer, Miss Clare Dean; Marshal, Miss Artie Lockwood.

Improvements at the College.

The term just closed has seen many changes for the better at M. A. C. Probably the change most apparent and welcome to the visitor is the extension of the street railway from the west entrance to the Station Terrace. Instead of having to walk half a mile, visitors now get off the car within a few rods of the principal buildings. But it is not to the visitor alone that this change is welcome; to College people and students residing in the city the benefit is even more apparent. A small waiting room is now in course of erection for the accommodation of those who have to wait for cars.

The improvement of greatest moment, however, is one of which we have seen only the disagreeable side thus far. For about two months we have had our class-rooms and residences torn up by the contractors who are erecting our new \$5,000 electric lighting plant. With the exception of Abbot Hall, the Chemical Laboratory and a part of Wells Hall, the interior wiring is now completed, as is most of the line wiring from Piatt's power house to the Chemical Laboratory. It is hoped that the entire system will be completed soon after the opening of the new year.

On the Farm the new dairy barn begun last summer has been completed and is occupied by 29 grade dairy cows. In the Agricultural Laboratory steam heat has taken the place of hot water, which is also true of the Veterinary Laboratory. The basement of the former building has been remodeled to meet the demands of the special course students in cheese-making and dairying. The grain barn has been changed for the time being into a feed barn for 100 lambs. East of field No. 16 the grade of the road-bed has been completed to the D. G. R. & W. R. R. where a side-track has been put in for the accom-

modation of cars containing College coal.

The Horticultural Department has completed a neat cold storage building and secured therein its crops of winter fruit.

The wing of the florist's residence has been raised one story. This gives Mr. and Mrs. Gunson an additional bed-room and a bathroom, and the department a store-room above the work-room, which will now be fitted with more benches for students to work at.

Other improvements, some of them of minor importance, are numerous. Station Terrace and the Armory have new hot water heating plants; the Museum ceiling has been re-decorated, and Prof. Barrows' residence has been given a new coat of paint. One not acquainted with the College can hardly conceive the amount of work necessary to keep things in repair here, to say nothing of making necessary improvements.

Crops on the Farm.

With the exception of the cold rains in the months of May and June, the past season has been very favorable to the growth, maturing and harvesting of the various grain and forage crops on the College farm. The hay crop was the most extensive on the farm, the total amount cut being nearly 160 tons, the greater part of which was cut early and secured in excellent condition.

The main oat crop was grown in No. 16, which field was plowed for the first time in 1896, and this fall has been sown to wheat. The total amount of oats threshed was 1,600 bushels.

About 25 acres of wheat were harvested, nearly one-half of which was Buda Pesth, the new red wheat recently introduced into this country from Buda Pesth, Hungary. The remainder of the crop was a variety test, the results of which will be published later. The average yield per acre for the total crop was about 20 bushels, the white Clauson and Dawson's Golden Chaff leading.

The corn crop was planted early but the growth was slow until the warm weather in July and August. The total acreage was about 35 acres, about ten of which was put in the silos. The silage cut weighed 217,963 pounds, and from the remainder of the crop there were husked nearly 2,000 bushels. Five acres of "Golden Dent" produced 508 bushels of ears, but this corn is rather late in maturing in this climate. The main crop was a variety known as "Hathaway Yellow Dent."

Field No. 6 was devoted to a variety test of oats, and small plots of Kaffir corn, sorghum, Russian sunflowers, and four and one-quarter acre of sugar beets. The sugar beet crop has attracted a great deal of attention and the results of the tests which will soon be published in bulletin form are of much interest to those interested in this new industry. The total yield of the four and one-quarter acres was 113,274 pounds. Aside from these main crops, considerable time and atten-

tion has been given to experiments with new varieties of various grasses and grains, and the very interesting experiments in crop rotation, on the Davenport plots.

C. H. A.

The Michigan Ornithological Club.

The annual meeting of the Michigan Ornithological Club was held in the senate chamber at Lansing last Friday and Saturday. Besides the local members present there were several from Detroit, Grand Rapids, and other parts of the State. M. A. C. was well represented.

Friday evening commencing at 8 o'clock was held the first session for the presentation of papers. The following were presented: "The Rapid Disappearance of Our Birds of Prey," by Percy Selons, (read by L. C. Read of Grand Rapids); "The Work of the Junior Endeavor in Michigan Toward the Protection of Birds," by Miss Mable Bates of Traverse City, (read by Mrs. Kelsey of Detroit); "The Importance of Local Collections," by Prof. Walter B. Barrows of the Agricultural College; "The Manner of Nesting of Some North Dakota Birds," by Mr. Edwin Bryant of Lansing; "Our Grebes," by T. L. Hankinson of the Agricultural College; "The Butcher Birds," by Dr. Morris Gills of Kalamazoo (read by Wm. A. Hayden.)

A short business meeting was held Saturday morning at the parlors of the Downey House. The officers for the coming year were elected as follows: President, W. A. Davidson of Detroit; vice-president, Judge J. H. Steere of Sault Ste Marie; secretary, L. J. Cole (M. A. C., '99) of Grand Rapids; treasurer, Mrs. E. O. Kelsey of Detroit; librarian, B. R. Laraway of Grand Rapids. The officers for the *Bulletin* were also elected. They were: Editor-in-Chief, L. Whitney Watkins (M. A. C., '93), Manchester; associate editors, T. L. Hankinson (M. A. C., '98) of the Agricultural College, Percy Selon of Greenville, and Miss Francis Marguerite Fox of Bay City, business manager, W. E. Mulliken, Grand Rapids, with L. J. Cole as assistant.

After this session the members went out to the Agricultural College from the invitation given to them by Prof. Barrows. A good share of the forenoon was used in examining the collection of birds and eggs, which received much favorable comment.

During the first part of Saturday afternoon, a meeting was held at the Zoological Laboratory at the College, at which the balance of the papers were read. The first was a very interesting one on "The Passenger Pigeon in Early Days of Michigan," by James B. Purdy of Plymouth. It was read by Mr. Cole. The second was an excellent article from a scientific standpoint on "Characteristic Motions of Birds," by Mr. Claude Barlow of Greenville. The last paper was a short one on "A generation of Ornithologists," by Dr. Morris Gibbs. It was read by the secretary, Mr. Cole. Prof. Wheeler made a few remarks

relative to the use of the small maps published by Rand, McNally Co., of Chicago, for the use of ornithologists in recording the distribution of species.

During the latter part of the afternoon, the members returned to Lansing where they called upon Mayor Davis, who most cordially welcomed them. A very enjoyable time was spent in looking at his fine collection of mounted birds and mammals and his valuable library of ornithological works. He showed all the plates of that most rare and valuable work of Audubon's of which Mr. Davis possesses two sets. The plates were all life size and most beautifully and perfectly colored. The seeing of these was a rare treat for the members of the club.

In all respects the meeting was a success. From the enthusiasm displayed by the members present and from the interest manifested in the papers presented, it was shown that the study of our birds is receiving more attention than ever by the people of our State.

T. L. HANKINSON.

Prof. U. P. Hedrick Receives a Good Appointment.

Sunday morning Prof. U. P. Hedrick received a telegram from President Tanner, of the Utah Agricultural College, apprising him of his election to the chair of horticulture in that college. Yesterday he wired President Tanner his acceptance. The appointment came as considerable of a surprise to Professor Hedrick. At the meeting of Experiment Station workers in Minneapolis last summer, Professor Hedrick met President Tanner, who asked him if he would apply for the position which was then vacant. Professor Hedrick replied that he would accept the position at \$1,500 a year under certain specified conditions. The matter was dropped there; and learning afterward that another and older horticulturist was working for the position, Professor Hedrick paid no further attention to it. The telegram was the first intimation he had that his name was being considered.

Professor Hedrick has been engaged but a short time on his work as Inspector of Nurseries and Orchards in this State and greatly regrets leaving it, but he feels that the monetary consideration and getting back into college work are inducements he cannot afford to ignore. He will leave for Logan, his new field of labor, about the first of January.

Chemical Fertilizers Ahead.

The chrysanthemum experiment with chemical and compost fertilizers has been nearly completed by the Horticultural Department. The showing is very strongly in favor of chemical fertilizers for cut flowers. Some of the flowers grown with chemical fertilizers have stood from 16 to 20 days after cutting without wilting, which is nearly one-third longer than the others stood.

THE M. A. C. RECORD.

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For various reasons THE M. A. C. RECORD is occasionally sent to those who have not subscribed for the paper. Such persons need have no hesitation about taking the paper from the postoffice, for no charge will be made for it. The only way, however, to secure THE RECORD regularly is to subscribe.

Annual Meeting of the C. B. B. A.

The Coöperative Book Buying Association held its annual meeting Dec. 11. Manager Price submitted his report, showing a total business for year of \$3,036.65, divided as follows: Winter term, \$760.45; spring term, \$366.55; fall term, \$1,909.65. The expenses for the year were \$142.55. The inventory showed the amount of stock on hand to be \$300.89, for which stock the association still owed \$105.84. Cash on hand, \$175.87. During the year the association has sold 348 shares at 75 cents each.

By the above report it is readily seen that at the end of the year the association finds itself ahead, \$109.92. That the students have saved money through the association, a comparison of prices with those of former times will demonstrate.

The officers for the coming year are: President, Prof. Warren Babcock; Vice-President, W. H. Flynn; Secretary, A. M. Patriarche; Board of Directors, of which the president and secretary are ex-officio members, Prof. W. O. Hedrick, Instructor Chace Newman, H. L. Becker, R. W. Clark, E. W. Ranney, Miss Fletta Padlock.

A Notable Term at M. A. C.

The term just closed has been in many respects a notable one at M. A. C. Chief in importance is the fact that the attendance has greatly increased. Not only has the enrollment reached high water mark, 401, including nineteen dairy students, but the number of matriculations surpasses that of any other term. Altogether, 245 new students have entered the College since the opening of the year in September, 226 of this number being regulars. Of course, the greater number of new students enter the freshman class; however, a few become members of the three upper classes.

In several departments, notably those of Mechanical Engineering, Botany, and Mathematics and Civil Engineering, numerous shifts became necessary and additions to the force of instructors were made. It became necessary to double the number of divisions of freshmen. With the present crowded condition of our courses, and consequently, of the daily program itself, changes in the latter, be they never so slight

require an almost endless amount of work and worry. Nevertheless, modifications such that more sections could be accommodated were made and the work of the College has gone on as smoothly as ever. The students have contributed largely to this happy state of affairs by dropping early and quietly into their proper places. The term has been marked by conscientious effort; from every source come expressions of general satisfaction at the thoroughness with which all work has been done.

Order, too, in and about the buildings has never been better. With the possible exception of a snow ball battle indulged in by rival dormitory factions and in which discolored "optics" were rather too freely distributed, little has occurred to disturb the quiet and decorum of the halls, the class rooms, and the grounds. The obnoxious hazy is practically eliminated.

Socially, the term has had its pleasant features. The societies have held their usual functions and entertainments, while the military hop in the armory has helped to keep alive a feeling of common fellowship. The advent of the street railway extension has increased our facilities for enjoying the social advantages, the lectures, and the entertainments of the city.

W. B. JR.

A Glimpse of the Chicago Art Institute.

LUCY E. MONROE, FERONIAN SOCIETY.

The Art Institute of Chicago was incorporated May 24, 1879, for the "founding and maintenance of schools of art and design, the formation and exhibition of collections of objects of art and the cultivation and extension of the arts of design by any appropriate means." Since 1893, it has occupied the museum building upon the lake front. The Art School in the same building includes departments of Drawing, Painting, Sculpture, Decorative Designing and Architecture.

The exhibition includes collections of Sculpture, Decorative Designing, Paintings, Drawings, Metal Work, Textile Fabrics, Embroideries, Egyptian Antiquities, Classical Antiquities, Naples Bronzes, Musical Instruments, and other unclassified exhibits.

The lower floor is devoted to sculpture. Many of the figures are reproductions in plaster or staff of original works of art. One collection alone, the Elbridge G Hall, occupies eight rooms and includes facsimiles of Egyptian, Assyrian, Persian Greek, and Roman sculpture. Other of the more important exhibits are of French Historic and American sculpture.

In Room 1, which contains the Egyptian, Assyrian, and Persian sculpture, there is little to attract the purely artistic eye. The Egyptian figures especially, are crude and angular but they possess an historical significance which makes them interesting and valuable in spite of their apparent crudity. The average student of ancient history encounters some difficulty in projecting himself back two thousand years that he may appreciate conditions then existent. Illustrations in our histories have but little reality about them, and so our knowledge of life at that time is never very clearly defined. It is in this direction then that antiquities aid the student.

A few examples will suffice to illustrate the above idea. Reliefs from alabaster slabs found near Nineveh portray some of the sports of the twelfth century, B. C. Figures of the God Osiris and the Goddesses Isis and Hathor from statuettes of dark green basalt, which were found in the tomb of Psemthek (Recorder of the Offerings) who lived four centuries before Christ, shed some light on Egyptian mythology. Some old half-forgotten kings, for instance, Ramesses II or Sargon, assume more of a personality when we meet them face to face. Without doubt modern improvements in photography will enable us to leave to our posterity a more accurate facsimile of our physiognomy, but this fact will hardly justify us in disregarding the value of these relics.

The Greek sculpture, in its freedom and grace presents a striking and decidedly pleasing contrast to the Egyptian. As in the last room mentioned some knowledge of ancient history is a great aid in understanding the figures, so here some acquaintance with Grecian mythology is absolutely essential to appreciate the significance of some of the more beautiful figures and groups. A few of the figures which are especially attractive are of Mars, Cupid (fragment of the Parthenon frieze), one of the three fates, two seated female figures called Demeter and Persephone, and three figures of Niobe. The original of a reproduction of Hercules has a rather curious history. The torso was found in the baths of Caracalla, Rome, 1540, and the head in a well in the Trastarne. Legs were made for it by Della Porta after Michael Angelo had refused, on the ground that he could not make them worthy of the torso. Twenty years after, the original legs were found ten miles from Rome. The completed statue was then removed to Naples.

Several rooms on the second floor are devoted to the oil paintings. With the exception of a few large gifts to the Institute, these paintings are loans from people who have made collections from the best artists.

The Henry Field Memorial Collection, a gift from his wife, comprises forty one original oil paintings by twenty of the most esteemed modern painters. Fifteen of the artists were French, two Spanish, two German and one English. Among the pictures are, Song of the Lark, by Breton; Lazy Spain, men and two donkeys in a court yard, by J. Domingo, and some beautiful landscapes by Cozens.

Among other collections a few pictures, which were perhaps no more worthy of mention than hundreds of others but which attracted my attention for some striking characteristic, were Beheading of John the Baptist, by Pearce; picture of a girl, Rembrandt; Alice, a study of child life, by Chase, and The Grief of the Pasha, by Gerome. The latter pictures the interior of a Turkish palace with the Pasha grieving over his Royal Bengal Tiger which is lying dead before him. The exquisite coloring and detail work of the tapestries, rugs and tiger are sufficient reason for singling this picture out from others.

The above is only intended to give a glimpse of the Institute and is therefore far from a comprehensive review of the contents of the building.

The San Jose Scale in Ottawa County.

While out on institute work last week in Ottawa county, Prof. C. D. Smith visited an orchard that he found infested with the San Jose scale in the most exaggerated form. Branches from the orchard were brought back to College by Professor Smith, of which the bark was almost entirely covered with the scale. Upon examination of the specimens brought in, Inspector U. P. Hedrick pronounced it the worst case of the scale that he had seen outside of Oregon. The infested orchard is that of a young farmer near Byron Center, who set out his orchard of 1,200 trees five years ago. The trees had not thrived since planting, but it was not known until recently that the scale existed there. Professor Smith made only a hurried examination, but from this it was found that the entire apple orchard was troubled with the scale, besides a large number of peach trees. An examination of the forest trees in the vicinity showed that the scale had also spread to them. This region has not yet been visited by Mr. Hedrick, but owing to this recent discovery of the scale there a thorough investigation will be made at once.

Athletics in our Sister College, the O. A. C.

As a member of the athletic committee of the faculty of the Oregon Agricultural College I wish to extend congratulations to the faculty and students of M. A. C. for the firm stand they have taken on the subject of clean athletics. I know it is common to look to the far eastern colleges and universities for models in this respect, and to look with somewhat of suspicion upon this phase of western college life; but I am glad to say that this season the O. A. C. as well as the M. A. C. has risen above suspicion and this is the more gratifying from the fact that the faculty committee has been met more than half way in the reform by the student body. I trust that in the future we may be able to maintain the high standard taken the past season; and with the hope that the two sister institutions, the O. A. C. and the M. A. C., though widely separated, may mutually encourage each other in maintaining a sentiment for clean college sport, I take the liberty of sending you a short account of what has been done along athletic lines by our students during the season just past. However, I am not sure but that a justifiable pride in our athletics, or perhaps a little inclination to "brag" is the moving power that impels me to write this letter.

Every member of our track team and every member of our football team is a genuine student in good standing in the college and not a single member of either team has been here solely for the purpose of engaging in athletics, and not a single member of either team has received any compensation whatever, either in the form of board, room, incidentals or anything else.

And now as to the results. I don't know that I can express it any more concisely than by quoting a college yell that has arisen during the season:

"Hayseed, strawseed, pumpkin, squash.
Did we skin 'em? Yes, by gosh!"

It is perhaps not exactly elegant,

but it conveys a truth. At the field day meet in Salem our track team competed against teams from the U. of O., Willamette University, State Normal and Pacific college, and won 56½ points out of a total of 114. Our football team has the following record to its credit, in addition to having the credit of playing the cleanest and most gentlemanly game that has ever been played in the state:

O. A. C. vs.	O. A. C.	Opponents.
Albany College,	34	0
O. A. C. vs. Chemawa Indian School,	34	0
O. A. C. vs. U of O., (State Championship),	26	8
O. A. C. vs. Macminville College,	54	0
O. A. C. vs. U. of W., (Pacific Northwest Championship),	16	0
Total	164	8

Four of the above games have been played on our college gridiron and not one of the opposing teams has succeeded in crossing our goal-line, and in the other games one of the opponents' touchdowns was made by a long run after dark.

A. B. CORDLEY, '88.

A Surprise for Mr. Hoyt.

Friday morning one of the mechanical freshmen waited upon Mr. C. E. Hoyt in the wood-shop and told him Prof. Holdsworth wanted to see him in the drawing room. Arrived at the drawing room, Mr. Hoyt found not Prof. Holdsworth alone, but with him the whole mechanical freshman class. Prof. Holdsworth stepped forward and with a few appropriate words presented him a beautiful gold watch charm as a token of regard from the mechanicals of 1901. Mr. Hoyt was taken so entirely by surprise that for a moment he was unable to respond. Then he thanked them warmly and said that this memento would make his going both harder and easier—harder just at present but easier when once away because he would know that he had many friends here. The charm is a little larger than a ten-dollar gold piece, and contains on one side "C. E. H." in monogram, and on the other the M. A. C. monogram and "Mechanical Class '01."

At the College.

Merry Christmas and Happy New Year to all.

The next issue of the RECORD will be January 4.

The thermometer went six degrees below zero Saturday night.

We have a nice Christmas snow, but not quite enough for sleighing.

Mrs. J. L. Snyder and Miss Edith McDermott will entertain next Thursday afternoon.

Professors Smith and Mumford have been out on institute work most of the time for two weeks.

Friday afternoon there were 71 cheeses in the curing room—the product of less than three weeks' work.

Messrs. Good, Lyman, Newman, and Munson give a farewell party to Mr. Hoyt in their rooms this evening.

Miss Eva Gray, who has been doing stenographic work here and taking special work in classes, returned to her home in Cleveland last Friday.

Last week Professor Taft attended the annual meeting of the Canadian Horticultural Society at Waterloo, Ontario. He also visited Guelph before returning.

Last Friday evening several members of the Union Literary Society enjoyed their usual informal, term-end party. Dancing was the principal amusement. J. W. Rigterink, '97, of Ann Arbor, was present.

Upon returning to his room Sunday afternoon, Mr. Hoyt found another remembrance from the students—three books, "The Last Days of Pompei," "Toilers of the Sea," and "Conquest of Granada."

The College band of nineteen pieces furnished very enlivening music for the State Association of Farmers' Clubs, and the State Grange last Tuesday evening. The present band is certainly the best we have had for many years.

Several days ago Mr. H. L. Becker was taken ill with pleurisy and Sunday afternoon he was removed to the city hospital in Lansing. The term just closed has been remarkably free from illness among the students, this being the first really serious case.

At the greenhouses there is in readiness for the special course students in Floriculture and Winter Vegetable Gardening a large stock of asparagus, rhubarb, radishes and lettuce; besides upward of 1,000 strawberry plants in six-inch pots, which will be in fruit early in the year.

Tomorrow at the seventh annual meeting of the Michigan Association of Breeders of Improved Live Stock, to be held in the senate chambers, Prof. C. D. Smith will speak on "The Development of the Dairy Cow," and Prof. H. W. Mumford will make "Observations on the Live Stock of Great Britain."

At the meeting of the State Grange in representative hall last Tuesday evening the College band entered the galleries unannounced and played a couple of selections. It was expected that the Industrial School band would furnish music, so many supposed the music proceeded from that source. One old granger, who labored under this delusion, was heard to remark to his neighbor after looking the boys over: "They don't look like very bad boys; wonder what they've done."

Klondike Alumni Association.

Frank J. Stanley, one of Dartmouth College's football players, has gone to the Klondike. From St. Michaels he writes that in his party there is another Dartmouth man. There are also several other college men on board—two from Yale, several from Berkley, one or two from Leland Stanford, two from Kenyon, one from Michigan University, one from Columbia, one from Harvard and one from Iowa University. They are going to organize a college alumni association at Klondike.—*Oberlin Review.*

Thomas W. Stanford, who has made a great fortune in Australia, is a brother of Leland Stanford, deceased. Thomas has given \$300,000 outright to build a library for the university which bears the family name, and has also given notice that his will makes other liberal endowments for the university.—*Ex.*



Permit us to help solve the Christmas present problem. We have LADIES', MEN'S and CHILDREN'S furnishings, consequently in position to show you suitable presents for any member of the family. Ladies' Umbrellas, Gloves, Aprons, Purses, Traveling Bags, Chatelaine Bags, Manicure Sets, Hat Pins, Handkerchiefs etc. Men's Umbrellas, Canes, Suit Cases, House Coats, Bath Robes, Mufflers, Handkerchiefs, . . . Gloves, Scarf Pins, Cuff Buttons, Mackintoshes etc.



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