ATHLETICS.

FARMERS’ CLUB.

At the last meeting of the Farmers’ Club Prof. Smith gave his talk on “What the Experiment Station Has Done for the Farmers of Michigan.” The members of the club began to feel as if this subject was going to get away from them, it having been postponed several times. He was with doubt that last week, only half expecting to see the professor. So the hearty greeting that hailed him as he entered the room expressed much relief.

After a brief history of the founding of experiment stations in the U. S., Prof. Smith treated his subject blood what the station has done toward improvement in soil conditions, in the culture of grains and of growing stock. He said that there were three ways in which they reached the people with the results and conclusions of experiments, namely, through bulletins, correspondence, and personal visits.

After the discussion following the professor’s able presentation of the subject, officers for the coming term were elected and the club adjourned until the spring term.

MRS. LYMAN.

Mrs. P. M. Lyman, wife of our college purchasing agent, died at her home in Lansing Thursday evening after several weeks of suffering. Previous to her marriage she was for a long time one of Lansing’s most efficient public school teachers, having been principal of the Kalamazoo School for four years and of Larch St. one. Her marriage to Mr. Lyman took place on Nov. 9, 1904, and their home was at South St. in Lansing until last September when Mr. Lyman came to M. A. C. as purchasing agent for the clubs. Mrs. Lyman was a devoted member of the Pilgrim Congregational church, was beloved as a teacher, and influenced for good all who came in contact with her. The funeral was held from Pilgrim church Monday at 2 P.M. The services were conducted by Rev. E. B. Allen, her former pastor, assisted by Rev. Mr. Minty. The many and beautiful floral offerings gave evidence of the high esteem in which she was held.

Mr. Lyman’s years of service at M. A. C. won for him many staunch friends among his former students who will be pained to learn of his passing.

SENIOR ENGINEERING SOCIETY.

Mr. Hinds talked to the Senior Engineers last Wednesday evening on the subject of Structural Steel Work. Mr. Hinds is experienced in this line and discussed the subject fully under the heads of draughting and construction work. Hearing, as it does, upon the same line of work as the Senior Civils are having at this time, this talk will be greatly appreciated by them.

Y. M. C. A.

Last Thursday evening in a meeting led by E. P. Robinson, the Nashville delegate spoke of the things helpful to both the Y. M. C. A. and its members which were brought out at the convention.

Sunday morning Rev. Chas. E. Thomas, of North Lansing, urged upon all the necessity of joining a church early and talked of the duty upon all the necessity of joining a church early and talked of the duty.

ALUMNI.

To O. L. Ayers is now at Madill I. T., where he states the winter has been very pleasant, clear and bright. He has been able to continue his work without much difficulty. Madill he says is a thriving little town of 2000 or 1500 which has been built up rapidly during the past few years on account of the rich prize regions surrounding it.

Miss "May" Butterfield has accepted a position as instructor of Domestic in the public schools of Detroit.

An interesting letter from an M. A. C. boy in the Philippines:

“I am always glad to receive my number of the Record and the news that has come in touch with events at M. A. C. and also through the news of the alumns to learn of the whereabouts of my classmates and other college acquaintances.

“I have been in Cebalogon for the past year and a half, and on the whole have found the work pleasant and other conditions agreeable.

“When I was assigned to Cebalogon it was the intention of the department to have the work started, but succeeding events rendered that impracticable during my first year here. The work should have begun at the beginning of the present school year, but the ‘tommorrow habit’ or ‘Philippinitis,’ as it is popularly called, is very prevalent here and consequently nothing has been done. I expect to be able to get material and tools and have a wood working shop fitted up by the beginning of the next school year, however, and shall consider that a good start on the work. Later, as money becomes available metal working will probably be begun.

“At present, with the exception of the work in the Maunia trade school, not much is done in industrial teaching, except in wood work, though I suppose it is intended that the work will be extended as fast as funds and other conditions permit.

“Up to date I have been teaching grade work in the public secondary school, and do not expect to much more than get the industrial work started, as I shall probably return to the States in August and possibly to M. A. C.

“With best wishes for the success of M. A. C. and those connected with it, I remain,

—Very sincerely yours,
W. M. Goines

“Cebalogon, Lamar, P. T.”

Fis was fond of Rheumatism—Eb for short she called her bean. You should see her when she sneezes. Pub and Fis they stood as sponsors. When Fis’s sister was a bride, she was given a groom named Tom. They, too, went out with the title.

—Eo.
Tuesday morning Mr. Kyoe Sue Inui, a Japanese student at the University, gave an address on "The Mission of New Japan." Mr. Inui was one of the speakers at the Chautauqua banquet held in the Masonic Temple Wednesday evening and was persuaded to repeat his talk for the benefit of the college people. Those who heard the young man were very much pleased with both his oratory and his subject and it is regretted that it was not more generally known that he was to speak. "The uplifting of China," he said, "the great mission of Japan.

The final debate held in college on Saturday evening was the very best heard at M.A.C. and all who participated are to be congratulated for the manner in which the subject was presented. The winners were,—Lillie 1st, Dorsey 2nd, and By-Law 3rd. It is therefore certain that the team to debate against Ypsilanti in May. The question to be debated at that time is, "Resolved, that the railroad road should be fixed by a commission."

TUESDAY, MAR. 20, 1906.

AMENDMENTS TO CONSTITUTION.

The athletic council of the M.A.C. athletic association wish to propose the following amendments to Constitution and By-Laws, urge that every member of the athletic association investigate these amendments so that when a mass meeting is held to determine whether or not these shall be adopted, each member will know what he is voting upon. A copy of this amendment and By-Laws can be found in the Record of March 20, 1906.

Amendment to Art. IV, Sec. 4:

The M.L.A.A. director and several team managers shall be chosen at the annual election of the association to be held on the second Saturday in February, the new officers to take office on March 1.

Amendment to Art. V, Sec. 2:

The proposed trip to Grand Rapids for horticulture students has been postponed one week. They are expected to go next Friday evening, and on Saturday their plan of "doing the city" is as follows: 1. Visit to the mushroom caves. 2. The florist establishment of Lee F. Smith, which is one of the largest in the state. Mr. Smith grows 50,000 violets besides several other species of flowers, lilies, roses, and chrysanthemums. 3. The lettuce houses of C. M. Strong, where the horticultural department is carrying on experiments. 4. The rhubarb houses of Hon. C. W. Garfield. 5. The sweet potato farm of Mr. B. B. Tousey. 6. The lumber houses of Samuel Ferris. The party will leave on the evening of February 23, 1906. The total cost of the trip will be about $3.75.

At the State Board meeting, held Feb. 23, 1906, the two telephone companies were invited to submit propositions in reference to the installation of an exchange at the College.

Prof. Flesher was made associate horticulturist of the experiment station.

The plans for the new mechanical building were adopted and the secretary was directed to advertise for bids as soon as plans and specifications were completed.

The mechanical building is to be located 75 feet east of Wells Hall, its north line running just south of the line of the tunnel passing under the high school and in line of the block on which the hall is to be built.

All land south of the Pere Marquette railway, with the exception of that below which the new planting of trees has been made and that covered by old timber, is to be cultivated so that it may be used either for its present or for such other purposes as the college may see fit to adopt for its use. The south end of the old barn yard will be used for the installation of power machinery, and as a place of instruction in its use. This barn will be converted into a room for stock judging equipped with seats and steam heat.

Fred. and Mrs. Snyder entertained the faculty "dinner party" on Thursday evening of last week. There was no dignity present to make the guests feel that they were not to be left in the lurch. When dinner was announced it became evident that this was a St. Valentine's day party. All were required to sing "My Father and Mother were Irish" on the way to the dinner, where each one accepted the pipe and Irish name it bore as if to the mayor born. The McGin­nises, O'Neills, etc., were well rep­resented and the brogue that was attempted would have brought tears to the eyes of any son of Erin. The green decorations, the shamrock leaves, the green color scheme of the room, the Irish flags all were most effective and interesting. Several contests of "bake off," for the best part of the evening and appropriate prizes were awarded. The sub­jects of the "bake off" was baked with courtesy of Dr. and Mrs. Snyder, giving opportunity to spend so de­lightful an evening.

ENGINEERING AS PRACTICED BY THE ANCIENT EGYPTIANS.

The ability displayed by the an­cient Egyptians in transporting heavy objects from place to place and in raising them many feet above the ground in the construction of pyramids, etc., has long been a source of wonder. It may, indeed, be truly said, that the engineers of the present era would find it difficult to perform similar feats, even when aided by the most improved appliances devised in this inventive age.

The pyramids along the Nile River, which have stood the ravages of scores of centuries, stand as an indication of the efficiency and skillfulness of the work of those ancient engineers. However, to account for such a work of art, the constructors must have required the use of mechanical devices, although nothing is left to show what these machines were. No words equivalent to der­rick, pulley, or any other device has been found in the Egyptian hieroglyphics, yet it is safe to state, that levers were known to, and used by the ancients.

It is important to notice, that all the pyramids are situated on the Nile River, which has ensured them a source of water which must have been needed in their construction. The stone used in their construction could then be transported from the quarries, evidences of which have been found, down the Nile river, by means near the base of the pyramid.

In brief the construction of the pyramids is as follows: the blocks or mon­oliths were formed by distinct courses of stones, which courses successively formed the semicircular building of the pyramid required it. Every course rises so much within that it is easier to make the front of the pyramid a sort of a stair. When this had been com­pleted, large outer stones were put upon the outer surface of the red granite was put on, starting from the summit and working towards the base. Thus making a smooth surface.

The methods of erosion have been suggested by many engi­neers. One consists of raising the stones by means of a sort of lever, the fulcrum of which was machine to turn on a pivot. The bottom corner of stones was placed there and those for the second raised by means of the machines described above. After this course was completed, another machine of the same kind was fixed upon it, and so on for the remainder. Although the machines being always left upon each of the courses already laid, to serve suc­ceeding courses, the work was finished. They always used 4 or 5 steps in the process. By repeating this operation, as often as was necessary to form the height of the pyramid, they accomplished the raising of the immense stones with ease to its ut­most height.

Another method which is far more probable than this just stated is one which employs the inclined plane as a lifting device. Starting from the first course of stone an embankment of earth is made in shape of an inclined plane. When the next course had been placed in position, this ramp was lengthened and made higher to accommodate the laying of the next course and so on until the pyramid was completed.

Take for example the construc­tion of the great pyramid of Gizeh, which is 750 feet square at the base, and rises to the height of 450 feet. This pyramid, when nearing comple­tion, if a 20 percent, slope were used would require an inclined plane 750 yards long. Considering, that the sides stood at an angle of about 30 degrees, this ramp would be 1000 yards long, a distance of 2 miles of yards of earth. This in itself is quite an engineering feat, but is nothing compared with the actual erection.

On this pyramid 101,000 men were employed for over 30 years. The immense stones, some of them large enough to tax our modern engines, would have had to rise up this slope with no other mechanical means than ropes and small pulleys. A large quantity was moved sim­ply under the stones as they were hauled up the slope.

Thus we see in the work of the ancients, and the means they em­ployed, a single comparison to our modern methods of construction using the same methods of erection. The cranes and hoisting devices of modern times are only improve­ments of the rough design of the ancients, and further it was only a few hundred years that the inclined plane as a lifting device, was abol­ished in our modern ship-yards.

E. J. Roms.

The following men have entered for the work in cheese making:

Regents, Harold G. Benton Harbor
Grammar, Thomas E. Millington
Du Bois, Carroll H, Somerset Center
Sawyer, Rufus J, Birch Run
Ferrell, Walter C, Gladwin
Host, William J, Birch Run
Lind, Ed, Frankenmuth
Miller, Simon J, Saginaw
Miles, Perry C, New Haven
Powell, Refa J, Birch Run
Bittner, Edwin F, Frankenmuth
Sanderson, James L, Memphis

Who that is too old to learn is a poor companion for the new nov­el. I never saw him: I never expect to see him. Do you?
Food Choppers Universal Griswold

Both good and well known.

No. 1 size $0.90
No. 2 size $1.25
No. 3 size $2.00

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Stop by our new silks, dresses, and millinery shop. If you want an exclusive gown or suit, go to Lansing's Reliable Store.

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A B O U T T H E C A M P U S.

Warren Whiehe, '10, has been ill for several days.

Dr. Edwards is in New York state for a few days.

L. H. Taylor, with '01, has been visiting at his home on the Delta.

Lost— A Phi Delta Sigma pin. Finder please leave either at barber shop or secretary's office.

Mr. and Mr. Merritt VanNetter of Williamston have been visiting college friends for a few days.

The first 50 pages of the catalog has been sent the printer. Did you get your corrections registered?

Lost— Set of drawing instruments. Missed first at designing room. Finder please leave at the president's office.

Word comes from Prof. Holdsworth that he is still on the gain and is much pleased with the benefits of the warm climate.

The spring term schedule was one of the worst yet and is certainly not like Parlets new lecture, "made to order and guaranteed to suit everybody."

The new street lamps have been installed. One was placed at Bird crossing, one at the stone walk and the third will be on the corner near the grocery store.

Mr. W. S. Leonard of the Mechanical department, who is recuperaing at Asheville, N. C., writes that he is in some measure regaining his health and trusts to be again with us at the beginning of the spring term.

It might be well for us to think about a name for "our village" when it becomes such. Someone suggests East Lansing, another, College Park and still another, College Grove.

For Rainy. — Nicely furnished rooms, heated and lighted. Two windows. All modern conveniences. Price, $2.00 to $3.00 per week. Mrs. L. E. Jenison, College Delta.

The club stewards for the spring term are as follows: A, L. B. Hitchcock; B, Garfield Verran; C, Rachel Colwell; E, Scott B. Lilly; F, L. B. Westerman; G, A. W. Wilson.

In the freshmen-prep meet Sat., May 1, the freshmen won 44 to 36 2/3. For the freshmen Burroughs, Hall and Frazer were the point winners. For the preps. McKenna and Campbell showed up best.

The Thursday evening meeting of the Y. W. C. A. was conducted by Misses Florence Barlow and Mary Allen. They gave a further description of their trip and experiences at the Nashville convention.

Two new cases have been added to the herbarium each of which will hold about 4,000 specimens. Two more cases will just about fill the herbarium thus making room for about 100,000 specimens. In 1897, the total collection was about 36,000. The last report shows nearly 88,000 and the next will show over 90,000.

The Aueriorian Literary Society March 17, 1906, gave a "Mock Trial" as the last program of the term. Sheriff Walkup arrested Mr. L. C. Brass on the serious charge of "Passing." In spite of the strong pleas of the lawyer on the defensive, Mr. Brass was found guilty and a heavy penalty was imposed.

It was thought best to publish in the Record of April 3 a directory of all society and club officers. This will account for the non-appearances of those reported to us this week. Such a directory is found to be very convenient when published in a single issue and we hope to have a report from all the societies and clubs for the Record on April 3.

For your Room.

Cots Folding Beds Mattresses

Book Cases Desks

All Goods Delivered Free.

M. J. & B. M. Buck.

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A farewell supper and Sunday evening service served to the boys of the Kendall house by Mr. and Mrs. Kendall and their daughter, Lillian. The menu consisted of: Bancroft hash, deviled eggs, lettuce sandwiches, sauce, cake cocoa. Fresh water was served to the absentees. After the tea a flash light picture was taken of the group.

The addresses of sixty-eight of the class of '05 have been secured. The work of transferring the names to the card index has begun and we shall soon be able to refer almost instantly to any graduate whose name appears in this index. Miss Goodhue of the chemical department is busy writing addresses, occupations, etc.

Regret that the statement concerning the meeting of the Academy of Science in last week's Record did not add "Agricultural Section." This would have made it a little plainer, as it was not the annual meeting of the Academy, but only one of the six sections. The regular meeting of the Academy of Science meets at Ann Arbor, March 28, 29 and 30.

Miss Nina Fletcher, of Boston, will visit her brother, Prof. S. W. Fletcher, soon, and during her stay she will give a violin recital at the First Baptist church, Lansing. Miss Fletcher has been for many years a pupil of Mr. Leeoffler, one of the most noted violinists and composers in the country and also studied under Mr. Kreisler, leader of the famous Kreisel Quartette. The young lady is on her way to Chicago where she will give a recital at the Academy of Science.

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It's a great value, latest style made in several leathers. You can dress your feet so prettily at small cost and for wear you would guess $3.00.

STYLES

Patent Colt Heavy or light sole $2.50
Vigil Kid Heavy or light sole 2.50
Gun Metal Blucher 2.50

C. D. Woodbury Shoe Store
all the way from 1 1/2 miles to the distance down town and back. It has been proposed to build a fence around the trees in this vicinity to keep them "leaving" in the fall. The difference in hands has never been noticed until the various marks of hard labor show up in a uniform way.

The pioneer of the forestry enter prise are preparing to overthrow the market with figures of all descriptions.

SPORTS.

Sports are generally game, therefore we have game sports. Our long distance track team has been out trying for the 50 mile handicap. Mr. Goetz leads when the reverse is given.

Prof. Bogue's residence has been pleasantly entertained the Foresters 3 years as the guest of College authorities, and the poultry department will start their new home Friday evening.

Among others to attend the meeting of the Agricultural section of the Hastings school, a special student will be present.

The poultry department will start their new home Friday evening. Mr. Goetz leads when the reverse is given.

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DANCE PROGRAMS.

DON'T FORGET DANCE PROGRAMS.

The company of dancers will be under the management of Mr. T. H. Fitch. Teacher of the art of dancing and fine form at the Hastings school, a special student at M. A. C. for a time, was present.

Mr. Burnham of the Normal school at Kalamaaua was among those who attended. Mr. Burnham who looks after the agricultural features of the work at the Normal expressed himself as being much pleased with the meeting and said he hoped that something in the line of correspondence instruction in this field would be given in the future. If this would be very eagerly studied by teachers both in rural districts and in the Agricultural colleges.

Mr. Fitch re proved his hope that this work might be carried on in the near future from the Agricultural College.

Among others to attend the meeting were Dr. Baker, former secretary of the board of health, and J. S. Johnson, '69, a former professor of botany at the Normal.

Considering the fact that classes were in session during the afternoon the attendance of students was very gratifying.

All the students....

May look alike to you, but there is a very little difference in the way we look and that sold by some other markets. We have selected the best for this year, and the packing, the proof of good meat is in the eating. A real treat to the man that you ought to trade with us.


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