VOL. 7. LANSING, MICHIGAN, TUESDAY, APRIL 22, 1902. No. 30

NOTICES.

Base ball Saturday, M. A. C. vs. Ypsilanti.

Meeting of Record editors Thursday 7:30 p.m., College Hall, No. 7. Important.

On account of the debate with Ypsilanti, the debate committee has been adjourned until May 1.

During this week the names of all students as arranged for the college catalogue will be posted on the bulletin boards in College Hall. Students are requested to report to the President's office corrections in spelling, postoffice address, and class.

THE LAST MILITARY.

The officers of the battalion are making elaborate preparations for the last military hop of the year. It will be given upon Friday evening, May 10th. The Boos orchestra of Jackson have been engaged to furnish music for the occasion which in itself is sufficient assurance of a most delightful evening. No expense will be spared in making this last party the most enjoyable one of the season.

No special invitations will be issued and only a definite number of tickets will be sold.

COMMITTEE.

THE U. OF M. GAME.

M. A. C. and U. of M. met on the diamond Friday afternoon for the first time in several years. As expected, U. of M. won, though the score does not indicate all that can be said regarding the game. M. A. C. made nearly as many hits as the university showing that the weakness of the team is not chiefly in batting. Millar and Case were fairly effective, though Case was somewhat wild at times. Poor base running coupled with errors at critical stages of the game tell in a large measure, the story of M. A. C.'s defeat.

M. A. C. DEBATING TEAM, 1902.

On the left is Miss Mattie Van Orden of Petoskey, Mich., a sophomore student in the woman's course, and a member of the Perown Literary Society. In the center is Mr. E. I. Dail, of Holt, Mich., a senior in the agricultural course and a member of the M. A. C. Debating Club. On the right is Mr. W. F. Millar, of Ray Center, Mich., a sophomore in the mechanical course, member of the Columbian Literary Society, and of the M. A. C. Debating Club. This debating team has been chosen by competition to debate with a team from the State Normal College on next Friday evening, April 23, at eight o'clock. The question is "Resolved, that it should be our policy of our government to hold the Philippines as a permanent part of the territory of the United States." Our team will defend the negative. The debate will be held at 5 p.m., in the Armory. Admission, 25 cents.

NEW ATHLETIC FIELD.

With the completion of the new bridge, the field of thirteen acres purchased by the College two years ago has been made available for athletic use. The field is directly south of the extreme west end of the campus and across the Red Cedar river. On the north and east, the field is bounded by the river making the location picturesque as well as secluded. The ground rises at a height of from six to eight feet above low water and to prevent flooding in the spring dikes will doubtless be built later, on the sides bounded by the river.

During the past week the field has been scraped and rolled, a base-ball diamond laid out and a quarter mile circular track begun besides a one hundred and twenty yards straight away track, which comprises part of the circular track on the north side of the field. Clay will be put upon the diamond in sufficient quantities to make it fast and the outfield will be seeded down. The football field will run east and west, the east end covering the diamond and, the west the outfield. Later, a grand stand will be built probably at the northeast corner of the field at a convenient distance from the bridge and outside of the circular track which encloses both the baseball diamond and the football field.

The new bridge which is no small feature of the new field is located about one hundred yards from where the river drive leaves the main drive. The bridge is fourteen feet wide and eighty-five feet over all, the superstructure resting on six bents of piles sunk fifteen feet below the river bottom. Its location affords convenient access from all parts of the campus and when the grading is completed to the river drive the approach to the field will be exceedingly good. The cost of its structure was $350.

ALUMNI.

'98, S. M. Tracy, collector of duplicate specimens for botanists has recently shipped to the College from Mississippi a collection of G. C. Sears.

'98-'99. Harry F. Johnson graduates this year in the engineering department of the U. of M. and will return at once to his work with the U. S. Lake Survey. He has leave of absence for the purpose of completing his work in the university.

'98-'97. W. W. Kreamer, a student of M. A. C. during '95-'97, is a chemist at Sunfield, Mich.

'98-'93. Born to Professor and Mrs. Philip B. Woodworth of Chicago.

'97. Prof. Frederick W. Munford of the University of Illinois made the College a flying visit Thursday.

'97. Under Barrett, is assistant to the electrician for the Pennsylvania R. R. with headquarters at Pittsburgh. His address is Avalon, Pa.

'94. The Michigan Alumnus for April stated that C. C. Passby is a civil engineer in the city engineer's office at Lansing, Mich. Henry F. Lakes, '95, will be best man.

'95. R. R. Marble graduates this year from the medical department of the U. of M. He recently won first prize, a ten-dollar gold piece for best set of drawings in the class in pathology—123 in the class. He says the real winner was Professor Holdsworth, under whom he acquired the art.

'93-'94. C. L. Dean is Drafting for the Structural Department at Illinois Steel Co., Address 50 Wabash Ave., Chicago, III. Mr. Dean has been with his present employer about a month.

'88-'90. W. L. Watling is chemist for the North Western Furniture Co., Chicago. He visited the College a short time ago while on his way from Duckytown, Tenn. to Chicago.

'01-'03. April 13, a son.

'01-'02. Tomorrow (Wednesday) evening, takes place the wedding of William Curtis McLeom to Margarette Scranton. The ceremony will be in Lansing. Mr. Henry F. Lakes, '95, will be best man.
THE M. A. C. RECORD.

PUBLISHED EVERY TUESDAY DURING THE COLLEGE YEAR BY THE MICHIGAN STATE AGRICULTURAL COLLEGE.

EDITORS

E. H. STEVENS, MANAGING EDITOR.

ASSOCIATE EDITORS


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TUESDAY, APRIL 22, 1890.

NOW that the lecture course is over we wonder what the college community really pronounced it to be—a success or not. That such a series of entertainments shall be a success depends upon two conditions. (1) The content must be in a receptive mood, (2) it must get something for its money. Judging from these two conditions it is not the most successful of our institutions and especially for her work along agricultural lines.

The Botanical Club held its first regular meeting Tuesday evening. President Sevey in his address pointed out the objects of the club, the methods to be used, the work along agricultural lines.

The visiting members of the committee were present, viz., G. E. Day of New Hampshire and the first president of the United States Senate. In 1835 they came to Toledo, and in 1836 they married to Joseph R. Williams, and in 1853 she removed with her parents to New Hampshire and the first president of the State Agricultural College.

The union meeting of the Y. W. and Y. M. A. Sunday evening was held in the Botanical Garden. The program of the Horticultural Society was held in Chicago in December a provisional program was drawn up carrying the revival of the leading animal husbandry experts of the country.

Mrs. Williams was a woman of great intellectual force and a powerful leader to secure the paper regularly is to subscribe. This paper is occasionally sent to non subscribers. Such persons need have no hesitation about taking the paper from the post-office, for it will be noticed by colleges and stations and the holding of conferences at which men of the Y. W. C. A. and Y. M. C. A. Sunday evening Mrs. U. P. Hedrick sang her entertainments a number of their College friends at a reception followed by a talk on the structure of the maple. He showed drawings showing the difference in different kinds of maples, including the Acer Negundo. The wood of broad leaved trees is composed of trunks running lengthwise of the tree; Par- enchyma some lengthwise and some crosswise, and wood fibers, long slender fibers. The weight of the wood depends largely upon the thickness of the walls of these fibers.

As the wood grows older the pitted vessels become continuous tubes.

Mr. M. Craig reported the names of those who were looking for high grade goods at their intrinsic value. We are headquarters for...
The track team organized Saturday afternoon.

A group picture was taken of the instructors Saturday.

Mr. E. S. Harrison, '02, of Detroit is spending a few days with College friends.

The new gray baseball uniforms were used for the first time in the U. M. game.

Brunson Barlow, with '00, will assist in the experiment station work until September.

Miss Mary Smith, '03, received a visit last week from her mother, who lives in Gaylord.

Miss Hiaman entertained her friend, Mr. Sidney Liddell, of Milford one day last week.

A recent order of apparatus of considerable value has come to the Physics department and is now in use.

Alice Hadley, '03, and Gertrude Van Loo, '02, were in Olivet over Sunday visiting Miss Hiaman's sister.

Major Vernou was summoned to Detroit Wednesday to act as a witness before a court-martial at Fort Wayne.

Prof. and Mrs. Marshall entertained several members of the faculty at six o'clock dinner Thursday evening.

Dr. Kedzie received an invitation to the reception given last evening in New York City to Lord and Lady Kelvin by Columbia University.

Prof. and Mrs. C. D. Smith spent yesterday in Detroit.

The Feronnias had a gentleman's night Saturday evening.

Prof. Wheeler has been receiving inquiries for men in the U. S. Department of Agriculture.

Florence Hedges, with '01, visited College friends last week, during the Ann Arbor vacation.

E. S. Brewer who entered with '03, but now of the U. of M., visited the College on Saturday.

The Botanical department received last week its supply of herbarium paper for the year.

E. E. Griffith, '04M, received a visit one day last week from his father Prof. E. L. Griffith.

Prof. Taft has designated the tennis court southeast of the Women's Building for the use of the girls.

J. A. Dunford, N. B. Horton, M. B. Stevens, and E. I. Dail, seniors, are taking work in cheese making this term.

Malcolm Madden, a senior dental student at the U. of M. visited with G. D. Francisco last week and took in the game.

The Experiment Station sent our last week five hundred pounds of beet seeds to points scattered over the Upper Peninsula.

M. A. Porter, with the class of '79, visited the College last week, his visit being the first one in fifteen years. Mr. Porter lives in Northville.

Fire ran through a part of the woods in No. 7 Sunday.

Dunford, '03, is entertaining a sister from Grand Rapids.

George F. Smith, with '08M, visited M. A. C. Friday. He is a draughtsman at Greenville.

E. S. Harrison, with '02, returned to the college a few days last week. He has been draughting in Detroit.

Guy S. Covell, '02, has been appointed a Cadet at West Point by Col. R. B. Bishop, Representative of the 5th District.

The mulch has been taken from the plants in the botanic garden and the plants are found to have wintered unusually well.

The extreme east end of the College farm, near the evergreen plot will shortly be planted with trees suitable for river bottoms.

The lawns and flower plots around the College have all been put in shape the past week and the campus presents a good appearance.

The Sub. Freshmen played the Seniors a husky game of base ball Saturday afternoon. The final score was 3 to 2 in favor of the Sub. Freshmen.

The Union Literary Society were entertained Saturday evening by a Stereopticon lecture on Yellow Stone Park, given by Fred Baker.

Miss Sims, state Y. W. C. A. secretary, spent several days at M. A. C. last week. Her talk before the Thursday evening meeting was much enjoyed.

I. J. Van Skiver will captain the junior ball team this spring.

The M. A. C. district school is planning to celebrate Arbor Day. Prof. and Mrs. Babcock are receiving a visit from Prof. Babcock's sister.

The mechanical graduates this year at M. A. C. will equal in number the graduates from the mechanical department of almost any other institution in the country.

Rolla L. Bigelow, '01, of the Engineering Department, Pere Marquess R. R. called on friends at the College Saturday and Sunday.

The puppy that received the $500 trophy was not raised by the farm department as stated last week, but by Mr. Harrison, the breeder.

Owing to the large number of students electing senior Physics 4, it has been necessary for the class to meet for two of its weekly recitations in the Botanical building.

The orators to represent the different courses at commencement are: Agricultural course, D. S. Bullock; mechanical course, W. R. Sheed; woman's course, Marguerite A. Nolan.

The Thursday evening prayer meeting was led by A. B. Rogers, Theme, "Our obedience to Christ." The first duty of a soldier is obedience, so the Christian's first duty is obedience, for it is only by obedience that we loose the blessings promised. We cannot be true disciples and willfully or carelessly disobey our master.

(Continued on page four.)

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ABOUT THE CAMPUS.

(Continued from page three)

Mr. Lemuel G. Holbrook has been employed by the Physical Laboratory during this term. Mr. Holbrook is a graduate of the U. of C., and has been engaged in considerable extra work in mathematics and physics.

J. A. Cooper, 1903, entertained his brothers, E. G. and E. O., over Sunday. Both gentlemen were on their way to Ann Arbor for the spring term's work at the University. Here they attended the Olympic party Saturday night.

A. J. Decker, '03, now with the Brown Heating Company, writes a long and glowing letter to the Cleveland. Among other things he says: "The work I like best is the descriptive geometry I use in making development of plates."

I. Girgirich arrived at the College Monday morning from his home in South Bend Ind. He will remain at the College a few days during which time he will ship several flats of carnation cuttings to the South Bend Carnation Co. of which he is manager.

The following note is interesting and shows the growth of the College.

Five years ago there were five sections of from three to four men each. Now there is the mechanical laboratory of an afternoon, this year there are six sections of from five to six men each.

The diplomas have come to the College from the Pan American directors for exhibits made by the College. One diploma announces a gold medal for fruit in wax, two diplomas announce silver medals for seeds and grains and college exhibited fruit, and the last two diplomas give honorable mention for potatoes and for 84 varieties of tomatoes.

The mechanical department has been increasing its equipment by the addition of accurate thermometers, gram scales, standard meters, and meters. Besides these instruments, a five horse power gasoline engine which had been on the same age, Bates & Edmonds of Lansing being the manufacturers. The company made a liberal reduction in price to the department.

The freshman contest in the Columbian Society was held Saturday evening. The three contestants having the highest rank in their classes are Y. R. Gardner, C. L. Poole and C. D. Sterling. Two prizes were awarded, first, a society pin, second, a copy of Longfellow's poems. The judges for the evening were Professor C. F., Professor Fergusson and Mr. Wells.

The results of the practical determination of the fuel values of kerosene, electricity, coal gas and electricity as cooking agents, made by the sophomore women in physics 3 last term, shows gasoline to be the cheapest fuel when the average cost per 1,000 cubic feet is averaged at .00 cents per thousand calories. Next comes kerosene at .006 cents per thousand calories. Alcohol is expensive; 290 cents per thousand calorie. Electricity, the least expensive of the convenient agent costs .45 cents per hundred thousand calories.

Pat O'neal of University of Wisconsin football fame will coach the University of Missouri next fall.

Chapel services Sunday morning were conducted by Rev. J. D. Nelson, pastor of the Franklin street Presbyterian church, Lansing.

"The grace of God maketh them strong." Who would be a weakening in any thing? The Christian has need to be strong and courageous. The world needs strong men who dare stand for right in all times and under all circumstances. This is the Christian duty and privilege for his strength cometh from above. If we will only let Jesus dominate our lives, they will be strong for the right. We will then be of the greatest value to the world.

THE COLTON LECTURE.

The last of the entertainments provided by the M. A. C. entertain ment club for the season of 1901 was a lecture given Friday evening by Prof. Colton of the U. of M. on "The Moon in Fact and Fancy." Prof. Colton's lecture, which was very interesting and instructive, was illustrated by one hundred stereopticon views; almost entirely views taken by himself, with the aid of the largest telescope in the world, that in Lick Observatory, the work of Institution Prof. Colton was connected for several years.

The introduction to the lecture, a number of more or less erroneous ideas and myths concerning the moon were dealt with. As a result the existence of the so-called "man in the moon" was explained, also the idea relating to the fact on the moon, upon which Napoleon's rhyme of "Jack and Jill" hold its foundation.

The position of the moon is not known, but the supposition is that it is quite similar to that of the earth. For the existence of life on the moon, there were reasons given why, in all probability, there is none. First, the low temperature—two hundred degrees below zero—would make life impossible; second, there is no atmosphere surrounding the moon as there is the earth; and third, the moon cooled so rapidly that the existence of any similar life has never been possible.

The moon has no warmth of its own and what heat rays fall upon its surface during the two weeks which the sun shines on one side of it, are reflected back into space, because there is no atmosphere to act as a trap to hold it in.

In the views, objects which were five hundred feet across were large enough to be perceptible. The vast volcanoes, ranges of mountains and large plains, usually called lakes, because thought to contain water, were plainly seen. Though somewhat long, those who heard the lecture were well pleased.

Officers For Horticultural And Debating Clubs.

HORTICULTURAL CLUB.

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L. D. Rudolph ....... Pres.
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F. N. Smith ....... Sec.


eight of the most remarkable and entertaining features of the lecture was the demonstration of the so-called "man in the moon" which was illustrated.