

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 8.

LANSING, MICHIGAN, TUESDAY, NOV. 4, 1902.

No. 8

## OLIVET WINS.

In one of the fiercest games of the season Olivet beat M. A. C. Saturday 11 to 6. Over one hundred and seventy rooters with the band accompanied the team to Olivet but the determination of M. A. C. to win seemed of no avail. The joke is abroad that the band is a hoodoo but it is hard to believe this has much to do with the defeat.

Olivet was heavier than M. A. C., as she was last year, and the game was somewhat similar to last year's contest. During the first half neither side scored but in the last half Olivet's weight began to tell.

The first score was made by the home team on a place kick by Wilson. The first touchdown and goal was made by H. Childs for M. A. C. shortly after Olivet had scored. The time was almost up and Olivet was getting desperate. By fierce playing, together with luck and the help of the darkness Olivet made a touchdown and goal and the half was over.

The stand of M. A. C. against Olivet shows that M. A. C. is playing stronger on defense than in the previous games of the season. Next Saturday comes Kalamazoo, and barring accidents, M. A. C. should win handily.

M. A. C.	Position.	Olivet.
Peters (capt.)	l. e.	E. Betts
Bell	l. t.	Eyle
Nern	l. g.	North
Decker	c.	W. Betts
Meek	r. g.	Blair (capt.)
Kratz	r. t.	Hart
Cortright	r. e.	Lewis
D. Childs	q.	Ellis
Smith	l. h.	Wilson
H. Childs	r. h.	Milliken
Strand	f.	Grey
Referee—Fishleigh. Time of halves—Thirty-five minutes. Touchdowns—Childs, Wilson. Place kick—Wilson.		

## RONEY'S BOYS.

The first number on the lecture course was a success—how often the preceding words have been used when they conveyed nothing of truth! In saying that the concert Wednesday evening was a success one does not necessarily say that it represented absolute perfection. However, everyone seemed to be well satisfied with the character of the program and its rendition.

Perhaps the best vocal selection was the first number: "Remember now Thy Creator in the Days of Thy Youth." The tender years of the performers added to the effectiveness of this naturally pleasing selection. As a violinist Master Tracy Holbrook showed himself the equal of many older soloists who have appeared at M. A. C.

Not to throw the roses too lavishly, we will pass on to the costumes. Six distinctly different styles of dress were used, the Scotch Highland costumes being the most interesting. The Scotch dress was worn during the 11th number which consisted of Scottish songs. Each of the five costumes worn by the boys varied slightly from all the others, each representing five differ-

ent Scottish clans and each having fourteen pieces.

During an intermission Mr. Roney explained somewhat the personnel of the Company. Most of the boys come from Chicago homes and their ages range from nine to fourteen years of age. The ordinary school privileges are lost but this is made up by travel and such study as can be carried on during the concert tour. Mr. Roney gave it as his opinion that any city of moderate size can produce as fine boy voices as were those of the Company.

The program follows:

1. Quartets—"Remember now thy Creator in the days of thy Youth," *Rhodes*. "Legends," *Mohring*. "Roney's Boys"—Master Robert Purvis, Charlie Lenzen, Harry Newell and Tony Linden. (In military uniforms).
2. Violin—"Zigeunerweisen," *Sarasate*. Master Tracy Holbrook, (Pupil of Earl R. Drake, Chicago).
3. Duet—"Hark! Hark! my soul," *Shelley*. Masters Purvis and Lenzen. (In French court costume, period of Louis XV).
4. Flute—National Fantasia, *Hartmann*. Master Tony Linden.
5. Song—"I Dreamt," (Sognai), *Schira*. Master Robert Purvis. (Flute Obligato by Tony Linden).
6. Quartets—"My Old Kentucky Home," (In Court Costume), *Foster-Smith*. Glee—"Sleigh Bells," (Accompanied by piccolo, wrist bells and sleigh bells), *Distin*. "Roney's Boys." (In College Gowns).

### SHORT INTERMISSION.

7. Aria—"Angels Ever Bright and Fair." "Theodora," *Handel*. Master Charlie Lenzen. (In Cotta and Cassock).
8. Violin, Flute and Piano—"Midsummer Night's Dream" Music. (Abbreviated), *Mendelssohn*. Masters Tony Linden, Tracy Holbrook and Mr. Roney.
9. Quartet—"Tenting Tonight on the Old Camp Ground," *Arr. by Henry B. Roney*. Trio, (With Flute Obligato)—"Brightly Beams the Star of Morn." "Il Giuramento," *Mercadante*. "Roney's Boys." (In Patriotic Costumes).
10. Violin—"Am Meer," *Schubert*. Caprice de Concert, *Musini*. Master Tracy Holbrook.
11. Songs of Scotland—"Annie Laurie," *Arr. by Dudley Buck*. Quartet—"Comin' thro' the Rye," *Arr. by F. W. Root*. "Roney's Boys." (In Highland Scottish Costume).
12. Quartet—"Estudiantina," (Spanish Student's Song), *Lacome*. Accompanied with triangle, Tamborine, castanets and violin.

## Y. M. C. A. MEMBERS ATTENTION!

Mr. A. B. Williams, international secretary from New York, and Charles D. Hurrey, student secretary for Michigan, will be here and hold men's meetings on Nov. 14, 15 and 16, beginning at 7 p. m. each evening. Mr. Williams is a Yale man, and those who fail to hear him miss a treat. Mr. Hurrey is from the universities of Michigan and Indiana, and needs no introduction, having been here before. Now, we earnestly desire a full house each evening, and it is the reasonable duty of every association man to do his best in making these meetings a success, both by his presence and his endeavor to spread the announcement. Let us make these three meetings the best of the year.

The union meeting of the Y. W. and Y. M. C. A. Sunday evening was led by Mr. J. J. Meyers. Theme: Development. Man has three natures to develop—the physical, mental and spiritual. Now, if any two be developed at the expense of the other we have, mathematically speaking, a flat plane surface, or the person is one-sided, abnormal and narrow; while if the person is equally developed along the three dimensions we have a solid character, a symmetrical being which all the world admires. It is the height of folly to develop the mental and physical at the expense of the spiritual, as the development of the latter reveals the great principle—the Brotherhood of man and the Fatherhood of God.

Chapel exercises Sunday morning were conducted by Rev. George F. Plummer. Text: Exodus, 3, 2. "Behold, the bush burned with fire, and the bush was not consumed." If we like Moses would say, "I will now turn aside, and see this great sight, why the bush is not burned," we, too, would hear the still small voice speaking to us, telling what it would have us do, for there are many "burning bushes" in our lives when, if we would, we could talk with the "Captain of our salvation." Chapel exercises were not as well attended as usual.

If all the Y. M. C. A. men would turn out, who live on the grounds, they would be sufficient in number to fill the Y. M. C. A. room nearly full, yet it is not half filled Thursday evenings.

## EXCHANGES.

Dartmouth College, according to report, has an abundance of coal and more is coming in day by day.

Arthur Sherburne Hardy, formerly a College professor, is now minister to Spain. He is an accomplished scholar, musician, artist, architect, poet, novelist and teacher.

Massachusetts for a generation has been paying interest annually on her debt to New Hampshire for giving her Webster by sending as many students to Dartmouth as New Hampshire herself. The investment has proved a good one for New Hampshire, and like the English "consols" valuable chiefly in the fact that it is practically non-payable as to principal and perpetual as to interest.—*Granite State Free Press*.

The University of Kansas has inaugurated Dr. Frank Strong as Chancellor with fitting ceremonies. Dr. Strong came to Kansas from the University of Oregon and is a Yale alumnus. Representatives from every educational institution of note in the country were invited to be present inauguration week and many distinguished men responded. Pres. Hadley of Yale was a visitor and delivered an address. It is thought that the State legislature will grant a large permanent endowment for the university at its next session, and a great step forward is expected along all lines.

## ALUMNI.

'61-63. R. H. Hollister, a student here in 1861-63, is county clerk of Baldwin, in Lake county, Mich.

'67. W. W. Tracy, Jr., lives at Falls Church, Va., near Washington, D. C., where he has a poultry and seed farm. He has charge of the vegetable variety testing of the U. S. department of agriculture. He was at M. A. C. July 5, inspecting peas and radish being grown in Michigan for the U. S. department of agriculture.

'68. S. W. Tracy is located at Leadville, Colorado, and is employed by the Denver & Rio Grande Railroad. He was a delegate to the republican State convention during the summer.

'88. Professor Mayo of the Kansas State Agricultural College has been engaged recently in investigating a herd of cattle supposed to have hydrophobia.

'91. Prof. H. W. Mumford, professor of animal husbandry, University of Illinois and chief in animal husbandry, Agricultural Experiment Station has gotten out recently some valuable bulletins dealing with investigations in his line of work, which have received favorable comment from various agricultural journals. One bulletin is entitled "Market Classes and Grades of Cattle with Suggestions for Interpreting Market Quotations." The other bulletin sets forth some results on the feeding of silage and shock corn.

"There are nine distinct advantages in a system of silage feeding over that of shock corn in wintering calves intended for beef production. To offset this there are three disadvantages. The advantages are that silage is taken off the ground when the soil is dry and cannot be damaged, that the manure is saved, that the quality of the feed is not affected by bad weather, that calves are in better thrift and flesh in the spring, that more rapid gains can be secured, that steers can be fed without hogs in case of cholera, without considerable loss; that more pounds of beef can be produced per acre with silage, that a larger proportion of the meat produced is beef; that corn may be harvested earlier in the season.

"The disadvantages are that a greater acreage of crops other than corn is needed to supplement silage than shock corn, that warmer quarters must be provided silage-fed steers and that silage feeding involves more capital and labor.

'92-95m. R. E. Bateson, one of the best wrestlers M. A. C. ever had, is now living in Detroit, having been in Cuba for two or three years.

'96. J. E. W. Tracy has been appointed an expert seedman in the department of agriculture, Washington, D. C. He is now conducting experiments in the growing of cauliflower seed in Long Island and will start for California and Oregon, where he is carrying on experiments in the growing of sugar beet seed.



## THE M. A. C. RECORD.

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TUESDAY, NOV. 4, 1902.

THERE is need of an M. A. C. Alumni Association in Lansing. Grand Rapids has a large and effective association, so has Chicago and Washington. There is also an association in Pittsburg. Why is there not one in Lansing?

As was said before in this column, we do not consider ourselves felicitous in giving advice that shall regulate the universe but we cannot always desist from making suggestions, and such is the case now. Believing that no one has given the matter about which we are speaking much thought, we simply wish to broach the subject with the hope that someone having the power to act in the matter will do so.

M. A. C. is getting more and more firmly established year by year in the front rank of educational institutions. Her graduates are in the faculties of many prominent institutions. Though a confessedly technical school, M. A. C. nevertheless has sent forth several writers of note. There is no argument against and every reason for forming an alumni association wherever there are a dozen alumni to join themselves together.

If an annual banquet were the only result of a Lansing association, this alone could hardly fail to be productive of good. A Lansing alumni association would draw city and College closer together and promote a healthier interest in the College. Furthermore the Lansing alumni could in a peculiar way keep other associations over the country in touch with College affairs. There is a sufficient number of M. A. C. graduates in the city, at the College and nearby towns to make the matter of forming an association worthy of serious thought.

## OUR TRIP TO CHICAGO.

It was a jolly party of young men that gathered last Thursday afternoon preparatory to their visit of inspection to Chicago, and although the train was two hours late in Lansing and arrived in Chicago four hours late, their enthusiasm did not subside. There were twenty juniors

in the party, and besides these there were Mr. Newell (College engineer), and Instructor Paul Theodore. Prof. Weil had preceded us to Chicago, where he had engaged rooms for us so when we arrived at 12 p. m., we proceeded at once to our hotel and were glad to turn in, for the journey had been a long one and tiresome. At 8:30 the next morning we were all at hand, eager to commence our business.

The party being so large it was deemed advisable to separate into two sections. Prof. Weil and Mr. Theodore took charge of the one section and set off for the Illinois Steel Works while Mr. Newell took one squad in hand and proceeded at once to Siegel & Cooper's Department Store, where we were to inspect the engineering system. Mr. Weber, the engineer at this place, gave us a very cordial welcome, taking considerable time to show us about the building and explaining the operation of the various mechanisms. We were very much surprised to see such a large power plant in connection with this establishment. But when one considers the number of elevators to be operated, the large area of floor space to be heated, lighted and ventilated and the sewerage to be taken care of, we realize the magnitude of the proposition with which the engineer of such a place must cope. They also have their own engines for refrigerator purposes; but perhaps the most novel thing that we saw at this place was the pneumatic carrier system, which takes the place of the cash-boy. Space will not permit us to describe this system more fully.

From here we proceeded to the Edison Electric Light Co. At this place they were engaged in making extensive repairs, so things were somewhat in disorder, but nevertheless we were very much pleased to have even this opportunity of seeing a large power plant. All the engines except two were triple expansion vertical engines with dynamos direct connected, and two of these engines, I should judge, were about fifty feet high, with galleries and ladders attached to facilitate oiling, etc. The two engines first named were not in use, as they were undergoing repairs. They were very large engines, but only single expansion, and the intention was to make double expansion engines out of them by attaching a high pressure cylinder, both pistons being connected to the same rod. We were also in the fire-room and saw the mechanical stokers at work, and were allowed to look into the firebox. The flame under the boilers was so bright we were obliged to see through a colored glass. After asking a few questions, etc., we hastened back to the hotel.

It had been arranged that our squad should go to the steel works in the afternoon, so immediately after dinner we directed our way toward this place. Here Prof. Weil took us in charge, he having given his squad in the charge of Mr. Theodore who was to take them to the places we had visited in the morning. I hardly know how to begin to describe the many things we saw here, for every step brought us to something different. Perhaps the best manner would be to tell them briefly in the manner in which we saw them. Mr. Prost, of the steel company, conducted us about, and the first place we visited was the testing room where the steel is ex-

amined for its chemical properties, etc. Next we visited the open hearth furnaces where we saw them charging the furnaces with the ore and flux from above. After smelting, the molten metal was poured into a large ladle and then into ingot molds resting on cars. The cars were hauled away and the ingots stripped of their jackets after cooling sufficiently to preserve their form. They were next placed in soaking pits where they acquired an even temperature throughout and were then carried to the rolling room where the bright red ingots were passed through between massive rollers till they were rolled into flat slabs or into plates or into any other form desired. (These ingots are about six feet long and fourteen inches square in cross section.)

We next inspected the ore dock where a large vessel was being unloaded. The large crab claw buckets would plunge down into the hold of the ship and then come flying up again with five tons of the red ore in their grasp. The operator would cause them to glide along the inclined rail and dump the ore in convenient receptacles. In close proximity to the dock were the blast furnaces which are kept going day and night unceasingly. The ore and fuel is conveyed to the top of these furnaces by inclined railways and charged into the same. From below, the molten metal is drawn off into ladles and transported to the converter or cart into pigs for use in the open hearth furnaces. To see one of these converters at work was the next trip. The converter is a cylindrical shaped vessel mounted on trunnions which enable it to be swung through a considerable angle. The vessel is revolved down and the molten metal poured into it when it is swung into an upright position and the blast turned on. This presents a beautiful spectacle, the bright blaze striking up to a great height above the opening. After the carbon is all burned out the converter is turned again and a relative amount of an alloy known as spiegeleisen poured into it. This is to give it the properties required for making steel. The metal is now again poured into ladles and from these into ingot molds as in the former instance. These ingots are now placed in the soaking pit as in the other process and then transported to the rolling rooms where they are rolled into the rails used by our railroads. Thus you see that after the ore once enters the blast furnace it is not allowed to cool until it comes out the finished product. The magnitude of this establishment may be ascertained

from the fact that there are between six and seven thousand men employed here.

It is needless to say that supper followed this long tramp of four hours, and it was a weary set of fellows that dragged their way back to the hotel.

The next morning we set out for the Fraser & Chalmers Machine Works. There are about twelve hundred men employed here. We were conducted about by one of the employes, and were shown some of the largest machinery in use at the present day. We derived many useful ideas from this visit, but it is to be regretted that we could not spend more time here, for to get a good insight into the working of such a large establishment requires considerable time, and this was not at our disposal.

I think one of the greatest things we saw here was a large hoisting engine, to be used in a southern mine. They were just testing it preparatory to its shipment as a complete engine.

This was the last visit on our program, as the balance of the time from Saturday noon until Monday morning was our own to utilize as we saw fit. Some attended the football game and others took in the sights. It rained some on Saturday afternoon, but not enough to make it disagreeable. Taking it all together, we had a very enjoyable trip and were sorry when it became necessary to return to the great city of Lansing, Michigan.

EDWARD BALBACH.

## Y. M. C. A. NEWS.

Thursday evening prayer meeting was led by Edward Balbach. Theme, "Making the team." Much depends upon the individual player, if an important player fails the entire game may be lost; so with the christian in the great game of life, if he to whom Christ entrusts so much, fails, his influence may cause not only the failure of some one else, but their entire shipwreck; therefore if in making, for instance a football team, so much depends upon the individual players, how much more true is it in the great game of rescuing human life with its vast worth at stake, from its sin and depravity—Christ's team, to win, must be true and tried and absolutely true to the trust Christ our great Captain has placed in us.

The barns belonging to Haskell Institute, an Indian school in Kansas, were recently destroyed by fire.

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## ABOUT THE CAMPUS.

Prof. Smith spoke at Alaidon and Jackson last week.

Many students have gone home to serve their country at the ballot box.

Dr. and Mrs. Howard Edwards gave a pleasant hallowe'en party in honor of their niece, Miss Marsteller.

The advisability of sending a large delegation to Albion next week for the football game is being considered.

The girls' gymnasium has been extensively refitted throughout. The sides have been wainscoted to a height of several feet from the floor, a visitor's gallery put in on the west side, and the top wall ceiled with wood.

Messrs. Nelson and Hogensen, post-graduate students in horticulture from Utah, are beginning an experiment for their thesis work, for a master's degree. The work consists in forcing plants by sulphuric ether.

The football team on Northwestern field was driven from practice, not long since, by the presence of mosquitoes in large numbers. Excepting a stray traveler now and then there have not been many of the pests at M. A. C. for some time.

It is reported that Prof. J. J. Ferguson, connected with the College last year, has a position with the Swift Packing Co., Chicago. He is manager of the stock food department and his duties will take him to St. Louis, Kansas City, Omaha, and St. Paul.

Several of the students were at home over Sunday.

Several trees have been cut down to give a better view of the new laboratory.

The rubbish has been cleared away from in front of the new bacteriological laboratory, and walks have been laid.

The experiment station has finished harvesting its beets, and has shipped to the Lansing factory one hundred and five tons. The varieties average slightly over fifteen tons to the acre.

A car load of twenty-four high grade steers was purchased in Chicago to be used by the experiment station for trial feeding purposes. The feeding tests will consist in the use of various corn products with the object of determining their relative merits as beef producers.

The farm department has bought fifty-nine high grade shropshire lambs of Mr. A. A. Palmer, Orleans, Mich. Three lots of seventeen each have been selected and are being fed by members of the senior class. The object of the work is two-fold, first to give students an opportunity of performing the actual feeding work in the production of a good grade of mutton. The carcasses will be placed on the Christmas market and the object of the work is to produce quality rather than excessive fatness. The second object is to determine the possibility of our farmers furnishing native lambs of good quality on a short feed for an early market.

The inter-society debates have been indefinitely postponed.

Mr. Hurrey, Y. M. C. A. secretary, was at the college last week.

The new apparatus for the new bacteriological laboratory is being made ready for use.

Dr. Waterman is making some experiments for the experiment station in treating diseased lambs.

Hon. L. D. Watkins, of Manchester, father of Hon. L. W. Watkins, of the State Board, was on the College grounds Thursday.

Gordon Tower, '02, has brought back from Montana some interesting specimens of lodgepole pine attacked by fungus. Mr. Longyear is engaged in determining the nature of the fungus. Mr. Tower has also brought from the west for the department of forestry seven tools that are used in getting out railroad ties. A hacker's set which consists of a broad ax, double-bit ax and peeler. The rest are a pickeroon, an ax-pickeroon, a tie lifter and a set of skidding dogs. This last consists of a ring to which are attached five short chains, each furnished with a hook at the end which is driven into the tie which will hold while the tie is dragged along the ground for a short distance. The peeler is like a chisel four inches broad, with a hook on one edge and set into a long handle. The tie lifter is about two feet long and has two spurs extending from the side so that when a tie is struck with it the spurs will hold sufficiently to enable two men, each with one of

these tools, to carry the tie to the flume in which the ties are carried down a mountain slope. The pickeroon is made from a common ax, a part of the blade being cut away and the remainder drawn out into a sharp point. This is used in various places in rolling and handling ties. An ax-pickeroon is made from a double-bit ax, the blade being left on one side for cutting.

While the first team was contending with Olivet Saturday, the reserves with Manager Haftenkamp, and Mr. Parrott as referee and umpire were playing at Flint with the mutes.

The trip was a very enjoyable one for all concerned. Dinner was taken at the school with the home team, and the game began at 2:30.

The only touchdown made was by Barstow for M. A. C., the final score being 5 to 0. The line-up for M. A. C. was as follows:

L. E., Smith; L. T., Rae; L. G., Bird; C., Foley; R. G., McDermid; R. E., Hahn; Q., Fisher; R. H., Rasmussen; L. H., Barstow; F., Drew; Subs., Boomsliter, Roberts.

LOST—A small watch between the Woman's building and Collegeville. Finder please return to library.

The Phi Alpha Pi Society of Olivet College and the Erosophian Society of Albion College are to have a debate January 9th on the question: *Resolved*, that the enfranchisement of the negro was hasty and ill advised. Albion has the negative side to defend.

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## DEBATING CLUB.

The debating club meeting Thursday evening was highly entertaining. Postmaster Collingwood, Secretary Brown, Dr. Edwards, and Prof. W. O. Hedrick discussed the railroad question, which is to be debated with Ypsilanti later on. The speakers protested against the idea that the discussion should be a debate so no judges were chosen. A large audience was present, many of the society debaters being in attendance.

The question discussed was, as has been stated in previous numbers of the paper, *Resolved*, That government ownership and operation of railroads in the United States is desirable. Dr. Edwards and Prof. Hedrick took the affirmative side, and Mr. Collingwood and Sec. Brown the negative. Each speaker had ten minutes for a first speech and five minutes was given to each speaker for rebuttal, Prof. Hedrick, however, gave his time for rebuttal to Dr. Edwards.

The affirmative argument was opened by Dr. Edwards, who outlined the intent of the question as worded. He said desirable does not mean feasible or possible, therefore the affirmative would not have to show how government ownership and operation is to be brought about. The chief evils to be eliminated by public ownership are—the doing away with corrupting railroad legislation and inferior service and discrimination, the gambling in stocks and the watering of stock which necessitates the paying of unjust interest by the public.

Secretary Brown said that representatives of big corporations at the form of lobbies are not necessarily a bad thing. By such representation the legislator is often informed of the correct status of conditions and is thereby often saved from making hasty and unjust legislation.

Prof. Hedrick stated that the question should be considered from three standpoints—the political, social and ethical. Our country could not be what it is politically but for the railroads. Railroads have a strong social aspect. They are a means of exchanging ideas and of broadening the individual. The railroad question has much ethical significance because it touches all classes. The anthracite coal trouble was referred to. The coal operators, like the railroad magnates, control the natural monopoly. Increase in power should bring increase in responsibility. "The coal operators," the speaker said, "sat on our coal bins all summer having absolutely no responsibility to the public whatever."

Mr. Collingwood was the last speaker. He took exception to the view of Dr. Edwards, regarding the intent of the word, desirable, and considered the question in the light of present conditions. He said that the increase of railroad capitalization without the corresponding increase in miles of railroad is accounted for by the fact that the extra capitalization has gone into improvements in building better rolling stock, in making double-track systems, etc. He contended that public ownership is state socialism and that it is a confession that the republican form of government is a failure, which latter idea he was not prepared to accept. If the government must take over the ownership and operation of the railroads, why should it not take over the owner-

ship and operation of other natural monopolies, also.

In rebuttal it was urged that the railroad monopoly is the key to all other monopolies and that law is a failure in controlling railroads under present conditions, and that even the republican form of government may be a failure. On the other hand it was urged that the power to control railroads lies with the people, that laws can be made which will effectively control railroads and that we have not reached a condition where we can safely say that the republican form of government is a failure.

The arguments were all heard with the closest attention. The attendance at the last two meetings gives promise of a very successful year for the club.

## BATTALION, ATTENTION!

BATTALION OF CADETS, }  
Nov. 1, 1902. }

Circular No. 1.

The upper classmen, Senior, Junior and Sophomore, to whom arms and accoutrements were issued, will turn them in to the quartermaster Wednesday, Nov. 5, between the hours of 4 and 6 p. m.

The commander of any men to whom arms were issued and who have left college, will see that said arms are turned in at that time.

The contractors having notified the department that 138 of the new uniforms have been completed, they will be issued at the armory Thursday, Nov. 6, between the hours of 4 and 6 p. m.

Agricultural Freshmen and Mech. Sub-Freshmen will report for drill Tuesday, Wednesday and Thursdays from 5 to 6 p. m. Mech. Freshmen and Agricultural Sub-Freshmen Tuesdays, Thursdays, Fridays, 4 to 5 p. m.

Sophomores will report for military science in the Physics lecture room on Mondays, Wednesdays and Fridays, 5 to 6 p. m.

Band will practice in chapel Mondays, Wednesdays and Thursdays, 5 to 6 p. m.

By order of  
MAJ. C. A. VERNON, Comd't.  
CHAS. B. ROSE, Adj.

'01. C. P. Reed is on his father's farm at Howell. He has supplied Higgs & Burton with fine peaches for the College trade.

'01m. Mark L. Ireland, draughtsman in U. S. Ordnance Dept., Washington, D. C., called on friends at the College, Monday, on his way home to Chesaning, Mich. He will stop again at M. A. C. on his return to Washington.

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J. W. HAGADORN, M. D.—Office hours, 11 to 12 A. M., 2 to 4 and 7 to 8 P. M. Office at 212 Washington Avenue S.; home 219 Capitol Ave.

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