

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 8.

LANSING, MICHIGAN, TUESDAY, FEB. 17, 1903.

No. 22

## NOTICE.

There are certain rules as regards calling at the College hospital, which must be strictly observed. The calling hours are from 3 o'clock to 5 p. m., and from 6:30 to 7:30 o'clock in the evening. It is obligatory also that where a student is ill only the roommate, if anyone, call, and for a brief period. The welfare of all concerned makes the above rules necessary and each one will please observe them.

On Thursday evening M. A. C. will play the Governor's Guards in Lansing. Play begins at 8 p. m. Admission 25 cents.

First class furnished rooms can be obtained at Mrs. M. E. Jenison's, No. 8 College Delta.

## MR. LEE'S LECTURE.

Mr. Wm. O. Lee, President Lee Injector Manufacturing Company, gave a lecture on Injectors on Wednesday afternoon to the upper classmen and nearly all of these were present. Mr. Lee exhibited a large injector and showed the arrangement of the various parts and their uses. He explained how the injector forced the water into the boiler against the boiler pressure by using the steam of the boiler. He told how the injector was more efficient than a steam pump within wide limitations. There is practically no waste of heat in using an injector for all the steam that is used gives up its heat to the feed water, whereas in a pump the heat of the steam used in operating the pump is lost. Some of the conditions under which an injector will work are when the feed water supply is hotter than 100 to 120 degrees Fahr. and when the atmospheric pressure is low as on mountains; or when dirt clogs the injector.

The injector was invented by a Frenchman in Paris, who made use of practically the same principles that are used now. At that time the Frenchman was considered a fool for trying to force water into a boiler by steam against steam of the same pressure, but he persevered and the result was an "injector." Mr. Lee's talk was much appreciated by all present and he has the hearty thanks of all who heard him.

## ORATORICAL CONTEST.

On Friday evening, Feb. 27th, the Oratorical Contest will take place in the College armory. All are looking ahead to this contest with considerable interest as it is believed that it will be the hardest contest that has ever taken place at M. A. C. The orators and subjects are as follows:

Miss Bessie Buskirk, The Master.  
F. Foster, The Tyranny of Greed.  
Miss Katherine Slaght, William Wallace.  
B. S. Brown, High Ideals.  
F. J. Phillips, Damien.  
F. C. Reimer, The American Negro.  
Glenn Sevey, Dominant Russia.  
A. C. Dodge, Modern Slavery.

## M. A. C. 28—YPSI. 7.

The basketball game between M. A. C. and Ypsilanti at Ypsilanti last Friday evening was somewhat of a disappointment, both to Ypsi. and to M. A. C. To Ypsi. because they did not win, and to M. A. C. because it had been expected that the team would make a larger score. However, the game was harder fought perhaps than any of the games played previously this season. Ypsi. guarded better, and at some stages of the game succeeded in playing the ball nearly the whole length of the field before M. A. C. could break up the team work. M. A. C. seemed decidedly weak in throwing baskets, as time after time they missed good shots when, considering their previous playing, they should have made good. Their inaccuracy may have been due to the preponderance of feminine gaze in the galleries. Nevertheless the score was better than the score made by Detroit a few weeks before.

Baskets thrown from field Graham 1, Novac 1, Tower 2, Tuttle 1, Haftenkamp (Capt.) 4, Balbach 5. Goals from fouls, Novac 3, Balbach 6.

Referee, Teetzel, Umpires, Brunger, of Detroit, Millar, of M. A. C. Time, 40 min. M. A. C. has scored so far over 1 point to the minute.

Brunger, Dunford and Holly, old M. A. C. men, were out to the game from Detroit.

## OWOSSO INSTITUTE.

As is well known, the final meetings of the Michigan Farmers' Institutes take place at Owosso February 24-27. All the railroads and all the Owosso hotels have offered reduced rates for the four days' sessions. The complete programs are now printed and anyone desiring to advertise the meetings can secure a program at the president's office.

The first session takes place Feb. 24 at 10 o'clock standard time and is given over to the discussion of sugar beets. The afternoon session is a horticultural and good roads meeting. Prof. John Craig of Cornell University speaks, as do also Hon. R. D. Graham, Hon. C. J. Monroe, of the State Board of Agriculture, Hon. E. P. Allen, ex-Senator Earle and others.

The following is the program for Wednesday forenoon:

The Need and Importance of Reforestation in Michigan, Hon. Chas. W. Garfield, Grand Rapids, Secretary State Forestry Commission. What Can the State Do? Hon. E. A. Wildey, Lansing, State Land Commissioner. Methods of Reforesting Cut-over Lands, John J. Hubbell, Manistee; Prof. E. E. Bogue, Agricultural College. What the Forestry Reserve Can Do for the Contiguous Country and Population, F. E. Skeels, Harrietta. The Importance of the Farm Wood Lot, Hon. Geo. B. Horton, Fruit Ridge. Timber Plantations and Their Care, Prof. C. A. Davis, Ann Arbor. The Care of Poultry on

the Farm, Dr. C. A. Waldron, Tecumseh. A general discussion will follow each paper.

There are several sectional meetings which promise interesting discussions. We print the program for some of these meetings:

Sugar beet section: The Soil for the Beet Field, Its Preparation and Planting, Colon C. Lillie, Coopersville. The Cultivation and Care, W. H. Gilbert, Bay City. Harvesting and Delivering the Crop, Chas. Derham, Corunna. A general discussion will follow each address.

Good roads school: Building and Maintaining Highways, Frank F. Rogers, Port Huron. The Care of Sand Roads, Hon. C. J. Monroe, South Haven. The Care of Clay Roads, Hon. A. E. Palmer, Kalkaska. Questions and a discussion will follow each paper.

Women's Congress: What Do We Work For? Miss Jennie Buell, Ann Arbor. Principles of Home Decoration, Mrs. Jennie K. L. Haner, Agricultural College. Lessons in Household Economy, with Demonstrations, Mrs. Carrie Ives Saunders, Saginaw. The Value of a Practical Education for Girls, Miss Maude Gilchrist, Agricultural College. The Perplexities of the Housewife, Mrs. Emma A. Campbell, Ypsilanti. Substitutes for Meats, with Demonstrations, Miss Carrie A. Lyford, Agricultural College.

Teachers Institute: Industrial Education, Pres. J. L. Snyder, Agricultural College. The Rural School and the Farm Community, Prof. Kenyon L. Butterfield, Ann Arbor. A discussion will follow each paper. Things Worth Considering, Prof. Orville T. Bright, Chicago, Ill. Some Common Birds and How to Study Them, Prof. W. B. Barrows, Agricultural College. The School Room, Prof. Walter H. French, Deputy Superintendent of Public Instruction, Lansing.

## BASEBALL SCHEDULE.

The baseball schedule as arranged at present is given below. Some changes are likely to take place, however.

April 18, U. of M. at M. A. C.  
" 25, Ypsilanti at "  
May 2, Alma at "  
" 7, De Pauw at "  
" 9, Detroit College at Detroit.  
" 16, Alma at Alma.  
" 23, Kalamazoo at M. A. C.  
" 27, Albion at Albion.  
" 28, Detroit College at M. A. C.

At their urgent request the botanical department has just given to the state forestry commission sixty-three mounted photographs—forestry views—taken last summer in Roscommon and Crawford counties. While in Washington in January Dr. Beal made arrangements with the forestry bureau for an exchange of some forestry photographs. About 125 will soon be sent at an early date to Washington from the College.

## ALUMNI.

'61-'63. Ralph H. Hollister is county clerk and register of deeds of Lake county, Mich. He left college and joined the army and for long years past has regretted that he did not accept his father's advice, return to college and complete his course. He called last Tuesday and the changes at the College seemed like a dream to him as he strove to realize where he was. He adds a story to those we are familiar with. Most of the new students as well as most all those who ever attended the College must have heard the turnip-seed story,—the chief actor of whom was Dr. Palmer of Grayling who sowed any where at the rate of four quarts to a peck or more seed to the acre. Here comes Mr. Hollister who says by direction of Mr. Tibbits, he sowed a few years later on the same ground two bushels of buckwheat to the acre although he thought half a bushel plenty. The land in question is located somewhere in the vicinity of Howard Terrace, the Woman's building and the pond. Mr. Hollister is making plans to send his son here next year when he graduates from a high school.

'80-'81. H. L. Van Benschoten has recently removed from Belding, Michigan, to Rolla, Montana, where he will open a law office. He is a graduate of the U. of M. Mr. Van Benschoten graduated from the University in '88.

'82. At the forty-eight annual meeting of the New York Horticultural Society, held at Rochester, resolutions were adopted endorsing Prof. Bailey, '82, for the position to be left vacant by Prof. Roberts' retirement, and urging his appointment on the president, faculty and trustees of Cornell University. In the report of the committee on plant diseases, read by Mr. H. J. Eustace, '01, many of the diseases of the past year were discussed, particular attention being paid to the apple rot of the past season.

'91. Prof. H. W. Mumford discussed at a recent meeting of the Farmers' Institute held at Champaign, Ill., "The Relative Value of Meat Cuts."

'92-'96m. G. E. Miles is employed as armature winder in the plant of the Grand Rapids Electric Company. His address is 274 Henry street. C. A. Jewell and M. P. Thompson, '90-'92m, are also in Grand Rapids.

'95. Guy L. Stewart gave a talk at the January meeting of the West Virginia Horticultural Society held at Charleston. The subject of his remarks as given on the program was: Report of the First Meeting of the American Apple Growers' Congress, held at St. Louis, November 18-19, 1902.

'95m. Mr. H. R. Parish, with the New York Ship Building Co. of Camden, N. J., is recovering from a severe attack of typhoid fever.



## THE M. A. C. RECORD.

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

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TUESDAY, FEB. 17, 1903.

WHEN one is asked his opinion about any matter he may pass favorable comment, offer adverse criticism, or remain ignobly silent. But in reality one's thoughts cannot be concealed, for they, like the proverbial murder, "will out." In view of the fact that the home oratorical contest is soon to take place there are some things that can profitably be said about oratory in general, and without reference to any specific individual.

From the days of Daniel Webster down to the present time there has been a pseudo-Websterian oratory—oratory characterized chiefly by the mouthing over of a considerable number of words without, however, setting forth any very clear ideas. Such oratory abounds in adjectives, which are usually long—and there have been very few men, who, either in spoken or written language, have had the power to make adjectives—noticeably effective—Carlyle had this power, likewise Ruskin. Again this style of oratory has a series of climaxes, the nature of which can oftentimes be foreseen by the audience. The subjects for oratory of this kind commonly have to do (supposedly) with patriotism. Great events of the ages gone and minor contemporary events, and temporarily magnified, furnish also favorite subjects, but be the subject what it may, the outcome is in each case the same—a distortion for the sake of passing effect and consequently a resulting insincerity.

When the oratorical contestant, handicapped by a long name and a startling title for his oration, steps onto the platform and begins his ten minutes or more of war-whooping and arm-swinging, let it not be fancied that those of the audience who can appreciate a thing sincere are to be tom-fooled with for long. Furthermore the judge who gives such a contestant place over one who has something genuine to say is to be pitied, but still more to be pitied is the contestant who receives the palm under such conditions.

The successful orator in any age must remember that the world moves

and that customs change, for the effectiveness of oratory is not of the nature of a fixed quantity. The oratory that appeals to the reading public of the twentieth century—the public ever striving for something new—is not the oratory that would have appealed to the Attic Greeks two thousand years and more ago. Some of the classes of subjects named above may be genuinely treated, the difficulty is in genuinely appreciating them.

It has been implied that some contestants are insincere and this was no hasty word. The insincere man is not necessarily the man who tells lies or takes your purse, but he may be the man who does not express genuine feeling—in fact a self-deceiver. It is to be hoped that none of the above remarks apply to the orators at M. A. C., and in all probability they do not apply in any great degree. To clear up any possibility of doubt, however, before going into the home contest each contestant should decide for himself whether or not he really means the things he is going to say. Sometime ago Col. John Hay delivered an after-dinner speech before the Omar Khayyan Club of London. This speech when carefully studied will greatly help one to appreciate what simple, genuine, effective oratory of the present day is.

## ALUMNI.

'95. W. Chandler Bagley (Ph. D. Cornell) is at present Professor of Pedagogy at the Montana State Normal school and superintendent of city schools at Dillon, where the Normal school is located.

'95. Guy L. Stewart is now located in Parkersburg, W. Va., and is looking after the industrial development along the B. & O. R. R., especially paying attention to the Ohio river and its tributaries. He says in a recent letter: "On the 19th of December I attended the meeting of the Maryland State Horticulture Society, where I met Chas. P. Close, '95 and Albert Irwin, '98. Close is professor of horticulture in Delaware, and Irwin is a government cattle inspector in New Mexico and Texas.

'98. H. C. Skeels now receives his mail by rural delivery. His address is Joliet, Ill., R. D., 14.

'98. Born to Mr. and Mrs. Fred L. Woodworth of Caseville, Mich., on February 1, a daughter. Mrs. Woodworth was with '01.

'99. A. Thorne Swift, of Grand Rapids, was at the College the latter part of the week, looking after the interests of the Canada Mutual Life Assurance Co.

'01m. R. M. Lickley is now in the employ of the Southern Railroad. He is draftsman in the motor power plant. His address is 1739, 13th street N. W., Washington, D. C.

'02. Mr. N. B. Horton read a very instructive paper before the recent Dairy Association—Testing milk for cheese. He advised the adoption of the Babcock test in all factories as a guide in buying milk. His paper was received with much favorable comment.

The last issue of the Washington Agricultural College paper contained this item: The Inland Registered Stock Breeders' Association will meet at Moscow, January 29

and 30. The W. A. C. will be represented by Professors Elliot ('97-'98), Nelson and Severance ('02). Professor Elliot is secretary of the association.

## WASHINGTON ALUMNI BANQUET.

The annual reunion and banquet of the M. A. C. Alumni Association of Washington, D. C., was held at The Portner on the evening of February 11 from 7:30 to 12 o'clock. Thirty-five members of the association were present and a royal good time was enjoyed. Frank Benton, '79, presided at the head of the table and at his right and left were seated the other guests, arranged by classes. Lyman J. Briggs, '93, acted as toastmaster and in calling out the various responses made many happy references to college experiences at M. A. C.

Departing from the usual custom, Dr. Briggs introduced the toasts between courses in the banquet, so that when the dishes were finally cleared away only one address remained to be given. He first called for a song and the whole company joined heartily in "A Song for Our College Days," written by Frank Hodgman, '62.

"The Faculty in Winter Vacation," was responded to by Walter D. Groesbeck, '92, who presented a side of faculty life not seen by many students.

Lewis S. Munson discussed "The Student Labor System," criticising some of the features of the system as it formerly existed and commending the growing tendency to make manual labor truly educational.

"The Co-eds," were toasted by Dick J. Crosby, '93, who said that in college he was taught to believe that the co-ed was the fairest and most perfect production of his Alma Mater—an *édition de luxe*, very limited in number and well worth having in the family. His recent action was thus explained.

The last toast was by Will Warren Tracy, '67, who has recently entered the employ of the U. S. Department of Agriculture. His subject, "A Retrospect," called up a picture of the college when College Hall, "Saint's Rest," the brick shop back of the veterinary laboratory, one barn and three or four faculty houses were in existence; when the only routes from Detroit to the College were by rail via Owosso or by rail to Jackson and by stage the rest of the way. Even then one was not sure of regular trains unless the legislature happened to be in session at Lansing.

The following officers were elected for the ensuing year:

President, Coie L. Himebaugh, '87; 1st vice president, Lyman J. Briggs, '93; 2d vice president, John E. W. Tracy, '96; secretary, Dick J. Crosby, '93; treasurer, Huron W. Lawson, '95. Executive committee, Charles F. Wheeler, '91; Wm. A. Taylor, '88; Lyster H. Dewey, '88.

At the suggestion of M. L. Ireland, '01, a committee consisting of L. H. Dewey, Mrs. L. J. Briggs and Mrs. D. J. Crosby, was appointed to send to the M. A. C. RECORD a resolution expressing the hope of this association that as many of the alumni as possible, all over the country, attend the next triennial alumni reunion.

The following were present at the banquet: Will Warren Tracy, '67; Donald McPherson, '74; Mr. and Mrs. Frank Benton, '79; Coie L. Himebaugh, '87; Mr. and Mrs. L. H. Dewey, '88; Wm. A. Taylor, '88, and Miss Taylor; Mr. and Mrs. C. F. Wheeler, '91; Mr. and Mrs. W. D. Groesbeck, '92; Mr. and Mrs. L. J. Briggs, '93; Mr. and Mrs. D. J. Crosby, '93; William W. Tracey, '93; Mr. and Mrs. Wm. F. Wright, '94; Huron W. Lawson, '95; John E. W. Tracy, '96; Mr. and Mrs. Sanford H. Fulton, '97; Lewis S. Munson, '97, and Miss Sibyl Gale; Mark L. Ireland, '01; Ralph M. Lickley, '01; Marcus B. Stevens, '02; Wallace K. Wonders, '02; Frank W. Cheek, '94-'96; Almus R. Speare, '95-'96; W. R. Vanderhoef, '93-'96m; Fred L. Small, '91-'92.

Students of the University of Chicago gave a morality play last week. "Everyman" is the title of the play. It was written in the time of Edward IV.

At a recent meeting of the Athletic Association, Mr. Dale's resignation as M. I. A. A. Director was accepted and Mr. Tower elected to the position. The board to consider the new constitution consists of the Executive Board of the Association: Messrs. Peters, President; Cooper, Vice President; F. Philips, Secretary; Greenway, Treasurer; Wheeler, Football Manager; Taber, Baseball; Millar, Basketball; Eaton, Track. Also Mr. Denman, Coach, and a Faculty Representative. Messrs. Yates, '04, Balbach, '04, Kingsley, '05, H. Childs, '06, and Burrington, '07. The base ball men are practicing as much as possible in the Armory with special work Saturdays. The track team has also been out for light work the last two weeks. There are a number of new men showing up for long distance.

## THE DONSEREAUX CLOTHING &amp; GROCERY CO'S

## M. A. C. SPECIAL



Is now being distributed for the Opening Sale of DRY GOODS, CLOTHING AND GROCERIES.—A special sale exclusively for the College and Collegeville. Be sure and get one of our circulars.

A. M. DONSEREAUX.



# ABOUT THE CAMPUS.

Prof. C. D. Smith is in Texas for a few days.

Mr. James Haganey is slowly recovering from his attack of appendicitis.

The horticultural department was busy last week re-setting trees on the campus.

The Junior hop this year takes place the night of Feb. 20th. Mr. Charles Woodbury is president of the class.

The non-society girls gave a party to their gentlemen friends in the parlors of the Women's building Saturday evening.

Mrs. Ella M. Kedzie is home from her Southern trip. She will occupy, sometime during the spring term, the house in which Mr. Ray Stannard Baker is now living.

The mechanical department has recently received a set of drawings, illustrating an engine having the so-called "Cornish cycle," manufactured by the Fuller Company, of Detroit.

President Snyder was in Chicago the latter part of the week, attending a convention of educators and religious workers. He also looked up the matter of the Cecil Rhodes scholarships.

A series of articles on the merits and demerits of co-education is running in the *New York Independent*. Prof. Slosson, of the University of Wyoming, in his article, commends the study by young women of agricultural colleges of cooking, sewing and kindred things.

The half term standings are nearly ready to send out.

The Shakespeare Club met last week with Miss A. A. Earl. Coriolanus was read.

The Industrial School choir will probably sing at the oratorical contest February 27th.

Ice for the College ice-house is now at a premium. The usual amount of ice will scarcely be harvested this year.

Max Beutner, a former M. A. C. instructor, was one of the officials for the Chicago-Illinois dual track meet Saturday evening.

On Saturday evening the Union Literary Society entertained the teaching force. A very excellent program was given by the society.

Dr. and Mrs. Marshall expect to leave the latter part of March for Germany. The Doctor, in all probability, will not confine himself to one university, but will study in several.

Mr. Floyd W. Robison has received his first experiment station bulletin from the printer. The number is 203 and the title is: Analyses of Some of the Common Feeding Stuffs of Michigan.

Supt. Merrill of the Lansing City Electric Railway Company is said to have made the statement that Lansing has as good service as other cities. In view of the fact that it is an almost daily occurrence for the cars to run off the track with no obstruction in the way, his theory will hardly be accepted by the public.

Ralph W. Case, '02m, is visiting with College friends.

Instructor C. P. Crawford and Assistant Librarian Patriarche spent Sunday in Detroit.

The M. A. C. chorus is to give, during the spring term, one of Mendelssohn's compositions.

The cheese course began yesterday morning. It is too early, however, to determine the enrollment.

The past week has been a busy one for those of the teaching force who did Institute work. Pres. Snyder, Prof. Shaw, Miss Gilchrist and Miss Lyford were all absent from the College the greater part of the week.

A lengthy report of the Dairy Meetings was not possible in last week's issue. The College, however, takes just pride in the fact that Messrs. Bechtel and Eggleston, former M. A. C. students, won prizes for creamery butter.

The subject, "Resolved, that corporations should be controlled by the national government," was ably debated at the Debating Club on Thursday evening in the presence of a fair audience. Dr. Edwards and W. R. Wright upheld the affirmative, Prof. W. O. Hedrick and A. C. Miller, the negative. The decision was rendered in favor of the negative. The debate for next Thursday is, "Resolved, that the immediate admission of New Mexico, Arizona and Oklahoma will further the interests of both territories and nation."

Hon. C. J. Monroe, of the State Board, attended the anti-saloon league convention last week.

The special students in General Farming and Live Stock, Dairy Husbandry, Creamery Management and Fruit Culture closed their work Friday noon. The courses this year have been very successful in all respects and not the least helpful have been the chapel lectures. The lectures not reported in this paper were given by Dr. Edwards, Prof. Kedzie and Prof. Atkins and all were thoroughly enjoyed. Prof. Smith in a talk Friday afternoon took occasion, as a last word, to give some wholesome advice to the special students. Through some questions put to the special students in an effort to find out what, in each case, drew them to the College, some interesting facts were obtained. It was found that the influence of old M. A. C. students and the special advertising bulletins were the greatest factors in sending students to M. A. C. In an audience of fifty-seven it was found that thirty-two had expended but \$30, in round numbers, during the six weeks, this including two railway fares in each case but not taking into consideration a few dollars spent for books. On Friday evening from 7:30 to 9:30 a reception for the special students was given in the Woman's Building. Prof. C. D. Smith, Dr. Marshall, Messrs. Brown, Perry and Rabild each received a gold pen as a token of the students' appreciation. Mr. Michels received a pen also though he was unable to be present Saturday evening.

## NORTON'S HARDWARE

Have you a MARQUART STEEL RANGE? If not, you certainly have not got the best. Your neighbor has one, ask her about the quality. We have sold a large amount of them and all give satisfaction.

Would be pleased to show them to you.

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FURNITURE FOR  
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Canvas Cots at 95c. Woven Wire Cots at \$1.50. Woven Wire Springs at \$1.50, \$2.00, and \$2.50. Mattresses at \$2.00, \$2.50 and \$3.00. Tables at \$1.50 and \$1.35. Chairs at 50c up.

All goods delivered  
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## Spalding's Sweaters

Are the only ones to buy if you value appearance and wearing qualities. We have them in Black, Blue, Maroon and White

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OUR HAT AND CAP STOCK is the up-to-date one of this city. Nothing but the latest and best find a place here and at prices guaranteed right CAN SAVE YOU MONEY ON OVERCOATS and at same time give you a garment of very latest style.

Student patronage solicited.

Elgin Mifflin.

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At One-third to One-half off.

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 $\frac{1}{3}$  to  $\frac{1}{2}$  off on all Fur Scarfs, Muffs,  
and Near Seal Jackets during this sale.

Simons Dry Goods Co.

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We have the exclusive sale of this celebrated line of men's shoes for Lansing. Made in all styles; light medium and heavy weight at the one uniform

PRICE OF \$3.50.

They are without doubt the best fixed price line of shoes made, and have crowded out many of the FIVE DOLLAR shoes wherever introduced.

C. D. WOODBURY, Hollister Block.



## ASSOCIATION NOTES.

THE Y. M. C. A.

The union meeting of the Y. W. and Y. M. C. A. Sunday evening was led by Mr. R. J. Thomas, '03. Subject, *A Sure Foundation*. In the erection of any structure the first and most essential factor is a sure foundation. The monster buildings of our western metropolis (Chicago) stand securely because the builders dug deep, drove piles in the miry places, and took every precaution that there might be no settling nor giving way when the heavy structures should be completed. Parents, desiring strong intellects in their children, begin training the young minds while they are still plastic and easily moulded into enduring shapes. Every person desires a strong physique, and so they begin laying a foundation of proper food, exercise, fresh air, and cleanliness. But while a foundation for the intellectual and physical parts of our being are carefully laid, the most important part of our nature—the spiritual—is often built on a carelessly laid foundation—or upon none at all. Tottering foundations of unbelief, mysticism, apathy, and pessimism are unworthy of being the foundations for the spiritual nature of the twentieth century person.

I Cor. 3-11. "For other foundation can no man lay than is laid, which is Christ Jesus."

THE Y. W. C. A.

The Y. W. C. A. prayer meeting this week was not well attended, but the meeting was an interesting one, nevertheless. Miss Ethel Adams led and her subject was, "Home Life in Pagan Lands." The great blessing which Christianity has been in foreign lands was brought very clearly before us. Many of us had not stopped to realize before that our homes are real homes to us because of Christianity.

## ABOUT THE CAMPUS.

Mr. E. E. Baldwin of Coral, visited the College last week.

"The Saloon in its Social Phase," is the subject for consideration at the next meeting of the Prohibition Club, Feb. 23. This is the sixth of a course of fifteen studies on The Social Demands for Prohibition. This course is a study of fundamental principles and deserves the attention of every student, whatever his views may be upon the subject.

At the meeting of the Farmers' Club on last Wednesday evening, E. S. Good gave a talk on hog cholera. Mr. Good has done some very commendable work in gathering information concerning this disease. It first made its appearance in Ohio, probably having come from England. The germ which causes the disease was discovered in 1883. It causes a loss of from ten to twenty million dollars every year. The disease has two forms; the acute which proves fatal in a few hours, and the chronic which lasts several weeks. The acute attacks the spleen, while chronic cases affect the large intestines. The ulcers found on the mucous lining of the latter are very characteristic.

The hog cholera germ resembles the typhoid germ, but reacts differently. It is .005 of an inch long; can live two months in pure water. Extreme precaution is necessary to

prevent exposure. Keep swine confined where they can be looked after daily, and, in case of an attack, all dead hogs should be burned or buried with a good layer of lime, and the ground where it has been disinfected with bichloride of mercury. Birds, rats or mice may carry the germ half a mile or more to neighboring swine troughs. The germ is not pathogenic to man or chickens, neither is chicken cholera germs pathogenic to swine. A report of the Bureau of Animal Industry, Department of Agriculture, entitled "Hog Cholera," should be in the hands of every breeder of swine.

This was followed by an equally good discussion of "Black leg" by W. P. Snyder. This disease is also known as "quarter evil" and symptomatic anthrax; it was common way back in the early Christian era, in Western Asia, but only in very recent years was the real cause of the disease, the germ, discovered. The germ is anaerobic, hence cattle become inoculated usually by being pricked by a thorn or some like manner.

There is no cure, but five years ago the Department of Agriculture began to send out a vaccine which is a sure preventive. It costs the cattle raiser nothing but the work of administering. In 1900 over one million doses were sent out. Only one in two hundred of the cattle vaccinated die as a result and much of this is due to carelessness of operators. Of this last Mr Snyder is convinced from actual observation of the work as done on the range.

Investigation of this sort is being carried on by each of the Senior class in Animal Husbandry. The reports are to be written up and left on file in the office.

## EXCHANGES.

It is reported that a bill has been introduced in the lower house of the Missouri State legislature to prohibit the playing of football. The bill, it is said, provides that the officers of State schools shall be fined or imprisoned if they permit games.

C. D. Woodbury, of Lansing, Mich., is in need of a man to take charge of a small dairy (15 cows), fruit farm, peaches, pears and plums. Salary or will give a share to the right man. Also a man to take charge of a 240 acre stock farm. Write, stating salary, experience and references.

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