

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 10.

LANSING, MICHIGAN, TUESDAY, JANUARY. 17, 1905.

No. 17

SAGINAW—M. A. C.

The first basket ball game of the season was played at M. A. C. on last Saturday against the Saginaw Y. M. C. A. team. While the team work was at times somewhat ragged, it was on the whole very good, as the score would indicate. There were only two of last year's players on the team, but the new men showed excellent form, Dodge and Crail both doing good work in throwing baskets. Schaefer deserves special mention for his aggressive work, and many of the baskets thrown were due largely to his help.

For Saginaw Krupp did the best work, in fact the only player who showed very good form.

The line-up was:

Dodge	Forwards	Vondette
Schaefer		Krupp
Crail-Tanner	Center	Green
Tuttle		
Westernman	Guards	Cresswell
Crail		Wallis

Baskets thrown: Crail 13, Dodge 10, Schaefer 3, Tuttle 1, Tanner 1, Vondette 3, Krupp 2. Goals from fowls: Crail 4, Krupp 2.

Score, M. A. C. 60; Saginaw Y. M. C. A. 12.

This week Saturday, Bay City Y. M. C. A. comes here for a game. Bay City has played several games this season and has not been beaten. Come out and see a good game.

Class games have been arranged as follows: Sophomore vs. Seniors, Jan. 28; Freshmen vs. Sub-Freshmen, Jan. 28; Juniors vs. winner of Soph.-Sr. game, Feb. 4; Final game for championship, Feb. 11.

M. A. C. ELECTRICAL CLUB.

The meeting of the club last Tuesday evening, Jan. 10, was very well attended by members and students seeking membership.

Mr. H. C. Baker read an article and gave a short talk on the power station of the New York Subway.

Mr. F. Born gave a talk on the Elementary Production of the Electric Current, illustrating with apparatus and drawings. A general discussion followed.

At the next meeting Prof. Sawyer promises a talk on the relation of current and electro-motive force in the alternating current.

Increased interest in the society is shown and students from other courses have expressed their desire to become members of the club, as has also many who are not students at all.

Y. W. C. A.

Mrs. Haner led a very interesting and helpful meeting last Thursday evening. The subject was "Answered Prayers."

A mission class for the study of the work in Japan is being organized. The class is to meet each Tuesday at 5 p. m. with Paulina Raven as leader.

Miss Welker, who spoke at the

union meeting Sunday evening, was with us over Sunday. A meeting for girls was held Sunday afternoon when she told us something of the Association work in Battle Creek, and also of her former work among the factory girls of Omaha.

The Y. W. C. A. calendars for the winter term are out. They contain many interesting items of information about the work of our association.

HESPERIAN PARTY.

On Saturday evening, January 14th, the Hesperian Society gave its first dance of the winter term. The rooms were decorated with ferns and well filled with a jolly crowd. The music was good and all seemed to enjoy themselves. The chaperones were Professor and Mrs. Shaw.

Y. M. C. A.

In the Thursday evening meeting a class in the study of Japan was organized with an enrollment of 39.

The chapel was filled with an appreciative audience when Miss Welker of Battle Creek gave an address to the students Sunday evening. Her talk on the love that Christ brought into the world was inspiring and interesting to all.

Rev. J. B. Silcox strengthened his "Grip" on the M. A. C. students in his sermon Sunday morning. It is hoped that Mr. Silcox can be secured to preach a series of sermons to the students during the month of February.

Prof. E. E. Bogue will conduct the services next Sunday evening in the chapel.

Burt Wermuth, a former secretary at M. A. C., has lately taken part in a debate in the Detroit Y. M. C. A.

SHORT COURSE MEN!

Do not fail to attend the Bible class in the Y. M. C. A. room Sunday at 2:30 p. m. Dr. Waterman will lecture on "The Character of Christ." Ask those who attended last Sunday if it is not an hour well spent. The present enrollment of the class is 38.

FARMERS' CLUB.

The M. A. C. Farmers' Club met for its first meeting last Tuesday evening in its accustomed rooms. The president gave a pleasing address setting forth the present thrift of the Club and the prospects for the term. The subject "The Farm as an Opportunity for the Young Man of Michigan" was liberally discussed, arousing much interest and enthusiasm. The attendance was perhaps the largest the Club has known; the century number being closely approached. Programs for the entire term have been arranged and many interesting meetings are anticipated. Turn out and enjoy them.

ATHLETICS.

The baseball squads are hard at work this week.

The track and wrestling squads are getting ready for coming spring contests.

The indoor tumbling and apparatus work is going on and no doubt some exhibition of the work will be given during the term.

The following changes have been made in the basketball schedule: Olivet and Kalamazoo have cancelled their games. M. A. C. cancelled her game with the Detroit Y. M. C. A. In the place of Kalamazoo, M. A. C. plays Bay City Y. M. C. A. Jan. 21 at M. A. C. and return game March 23.

Classes in gymnasium work have been organized and are held Monday and Tuesday at 4:10 and on Saturday at 2 p. m. All who can are urged to attend one or all of these classes.

It is planned to have the Armory open every Saturday evening and to provide something in the way of amusement and exercise. All are welcome to come out and enjoy themselves on this one evening in each week.

It will be of interest to know that M. A. C. has arranged for a baseball game with the University of Wisconsin on May 11.

Prospects seem very bright for baseball. About 60 men responded to the first call and all seem enthusiastic. The responses were as follows: 11 for pitcher, 8 for catcher, 18 for in-field and 20 for the out-field. A number of the new men come with good high school or local reputations and as we have the bulk of last year's team back again, the aggregation ought to be a strong one.

THE U. S. DAILY.

Mr. Nathan D. Corbin, at one time assistant professor of history and political science, is now legislative reporter for the *U. S. Daily*, of Detroit. The publication was recently started by a gentleman from Ypsilanti, who has made some money from the trading stamp enterprise. His original idea was to use the trading stamp as a means of spreading his circulation. After entering the newspaper business he found that there was such a good opportunity for another paper in Detroit, that he abandoned the stamp idea, and adopted a rather novel method of pushing his paper by the use of what is called a bulletin. This is published five times a day and gives on its first page, surrounded by advertising matter a short summary of some important telegraphic news and refers to the *U. S. Daily* for definite news. This bulletin is displayed on a standard near the office, in the hotel waiting rooms, etc., where it will be noticed by those most likely to be interested. The bulletin is proving to be an excellent advertising medium.

Mr. Burton's family have moved into rooms over the grocery store.

ALUMNI.

'91.

In the RECORD of last week we mentioned the names of Dr. N. S. Mayo and C. F. Austin in connection with the experiment station recently established in Cuba, and stated that two out of six departments were managed by M. A. C. men. We omitted Prof. C. F. Baker of the above class, who is in charge of botany, thus making three of the six departments in charge of M. A. C. men. Perhaps next week we may find another. The following from the *Post* gives an idea of Prof. Baker's former work:

"Under the direction of Prof. C. F. Baker, who was one of the first of the station staff to reach Santiago de las Vegas and assume the duties of his position, the plans and the accomplishments of the Botanical Department are of vivid interest. An enthusiast and an indomitable worker, Prof. Baker has much to show in his department, both as the first fruits of his present undertaking and as the results of years of assiduous application in the laboratory and in the field, where his work has covered Michigan, Wisconsin, Missouri, Illinois, Mississippi, Alabama, New Mexico, Colorado, Nevada, and California. He has also collected in Colombia, South America and in Nicaragua. In addition to his achievements in botany Prof. Baker has done an immense work in entomology, and his collections, having grown too large for him to care for, are deposited in the National Museum at Washington. Those who have read his circular on the control of fleas, which was published in *The Post* some weeks ago, will learn with interest that Prof. Baker is recognized in the United States as an authority on these troublesome insects, and possesses the largest collection in the world of the various species of fleas.

Sp. '03-'04.

Miss Ida Robinson who has been located at Ann Arbor since last spring, has accepted a position in the Washington Asylum hospital as dietitian. Her place at Ann Arbor has been filled by Miss Eloise Dodge, who was also in College last year.

'01.

A letter received from Mr. Chas. E. Collier, special beet sugar student in 1901, from Sugarland, Tex., states that he has been promoted to the position of assistant superintendent of the refinery at that place. Since he has been at Sugarland three other beet sugar men have secured positions at the refinery, viz., Messrs. Laporte, Chas. Hine and Humphrey. He states that the refinery turns out 225,000 pounds of granulated sugar daily and the cane mill has cut on an average of 1116 tons since Nov. 12 and will run until Feb. 15. Mr. Collier enjoys his work and sends regards to M. A. C. friends.

THE M. A. C. RECORD.

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

B. A. FAUNCE, MANAGING EDITOR.

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ROY POTTS, '06.

HARRY HOGUE, '06.

T. H. MCHATTON, '07.

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Subscription, 50 cents per year.

Remit by P. O. Money Order, Draft or Registered Letter. Do not send stamps.

Address all subscriptions and advertising matter to the College Secretary, Agricultural College, Mich. Address all contributions to the Managing Editor.

Business Office with Lawrence & Van Buren Printing Co., 122 Ottawa St. E., Lansing, Mich. Entered as second-class mail matter, Lansing, Mich.

This paper is occasionally sent to non subscribers. Such persons need have no hesitation about taking the paper from the post-office, for no charge will be made for it. The only way, however, to secure the paper regularly is to subscribe.

TUESDAY, JAN. 17, 1905.

ISN'T it laughable to see the other fellow tumble! The walks during the past few days have been in good shape for slipping.

WE HAVE reserved a number of calendars which we desire to send to alumni who have not as yet received one. We have tried to reach as many as possible, but we expect any alumni or old student who reads THE RECORD (this issue) and who has not received one, to drop us a postal and we will supply you.

A CARD index of all graduates has been started by ye editor and in this work he desires the co-operation of all who are able to give information leading to the correct addresses of M. A. C. alumni.

There are many to whom the paper will come who can, no doubt, aid in this work, and such aid will be greatly appreciated.

After completing this work an index will be started of old students and perhaps later on one of those who have taken the special courses.

The need of such information as this index would afford has been evident for some time, and it shall be the purpose of ye editor to keep this list as nearly as possible up-to-date. This will necessitate prompt notice whenever a change of address is made and we trust that such notice will be given.

Mr. Henry S. Johnson died at his home near Lyons, Mich., on Wednesday, January 11. Mr. Johnson entered the special course in Live Stock, January 2. He did not seem well from the first and was taking medicine during the week. His peculiar condition on Friday and Saturday was noticed by the students where he boarded and on Sunday he went violently insane. A physician was called and stated that the trouble was caused from constipation. His father was telephoned and came on the first train, taking the boy home with him Monday morning. On account of a report being circulated to the effect that Mr. Johnson's death was due to hazing, a thorough investigation was made to determine the truth of the matter. A number of special students were called upon and all

gave practically the same answer—no hazing whatever had been done and all were well pleased with the treatment received since entering M. A. C. Among those questioned were several young men who had not only attended all classes with Mr. Johnson but who roomed and boarded at the same place. These all stated that so far as they knew, the young man had been treated well. The young man was a very earnest student, was thought well of by those who became acquainted with him and gave promise of becoming a strong man. His sudden death is very much deplored.

Mr. Marion Shepard was delegated to represent the class at the funeral and to bear to the parents expressions of sympathy and grief.

The following resolutions were adopted:

WHEREAS, the recent and most unfortunate death of our classmate, Henry S. Johnson, of Lyons, Mich., has served as a pretext for the publication of certain false statements regarding the relation of the regular and special course students at the College, therefore

Resolved, by the students of the special course in Live Stock and General Farming, to which class Mr. Johnson belonged, that we affirm that no acts of violence or intimidation have been permitted against any member of the class, nor have we been insulted or interfered with in any way in the pursuance of our studies and work by any of the regular students.

The Michigan Engineering Society held its 26th annual convention in Lansing the past week and its sessions were much enjoyed by those who were able to attend. A subject which seemed to arouse a great deal of interest during the meeting was, "What to Do with Cut Over Lands," by Mr. S. H. Baker, and dealt with the question of what to do with the acres of useless land in northern Michigan. In place of the ideas of reforestation which have been advanced for all of these lands, a system which would provide for irrigation of these lands in the neighborhood of lakes and other available bodies of water was discussed and considered feasible on account of the fact that the total area of these lands was altogether too much to devote to such purposes as reforestation. It was argued that private individuals who wanted quick returns on the money invested, could be interested in the irrigation proposition when you could not interest them in reforestation which would compel the investor to wait 20 or 25 years before getting returns.

J. J. Hubbell spoke on Forestry at the St. Louis exposition and stated that Michigan was the only state to receive a gold medal on her forestry exhibit.

A new standing committee on mechanical engineering affairs was added to the list of committees of which Mr. C. E. Bement of Lansing and Prof. C. L. Weil are members.

The board of directors will decide upon the place for the next meeting. Invitations will no doubt be received from a number of the important cities in this state, but there is a strong sentiment in favor of Lansing for the meeting again next year.

Nominations were made as follows: Pres., Prof. H. K. Vedder, M. A. C.; Vice President, A. C.

Lane, of Lansing, and Frank Hodgman, of Climax; Secretary and Treasurer, Frank Hodgman and A. C. Holmes, of Grand Rapids.

Quite a number of the faculty and students of the College were in attendance at one or more sessions of this meeting, and on Thursday and Friday a number of engineering classes were excused in order to be in attendance.

At present there are two grades of membership in the society, and a discussion arose upon the question of making a third. This grade would be called juniors and would be installed for the purpose of encouraging young men who graduate from technical schools, or who are in their Senior year, to become members of the society at a reduced rate. This question will be taken up by the board of directors at its next meeting.

The following M. A. C. men were present: Frank Hodgman, '02; T. O. Williams, '81-'83; F. F. Rogers, '83; Eugene Brewer, with '03; W. H. Goss, '82, and E. A. Calkins, '98.

MICHIGAN FLORA, a list of the Ferns and Seed-Plants growing without cultivation, prepared by W. J. Beal, Sc. M., Ph. D., Agricultural College, Michigan. [Reprinted, by permission, from the Fifth Report of The Michigan Academy of Science, 1904.] Published by the State Board of Agriculture.

The above copy of the title page, in a measure, is self explanatory. There are 147 pages, which occupy nearly three-fifths of the Fifth Report of The State Academy. It was nine months in the printing office, and a very difficult job it was.

The text was much changed from the previous edition prepared by Beal and Wheeler in 1892. The nomenclature is very different, and the arrangement of species different, corresponding to modern methods. Eleven special lists from different sources were incorporated in the pamphlet. A very complete index increases its value for all botanists. The previous catalogue contained a list of 1746 species; this contains in addition 497 species and varieties, a total of 2243. Some of the additions were new indigenous plants, but most of them were recent introductions.

The bibliography has been much extended. Two lists of weeds are given, those native to the state are 33; those introduced from Europe and elsewhere, 77. The number of species of trees indigenous to Michigan at present known is 91, a few more than are found on the whole continent of Europe. In the state grow 206 kinds of native shrubs.

By careful estimate, the preparation of this volume cost the writer not less than the work of ten weeks of three sessions a day, forenoon, afternoon, and evening, most of which was performed during the long summer vacation of 1903. The work is not claimed to be of a very high order, but it is essential to all students who do anything by way of investigating the flora of the state.

W. J. BEAL.

NOTICE.

Meeting of all RECORD Editors in President's office Saturday morning at 8:00 o'clock.

'02.

FLOYD OWEN IS GLAD TO CALL AMERICA HIS HOME.

Floyd Owen, who is representing an American publishing house in Europe, writes an interesting letter from France to his grandparents, Mr. and Mrs. L. S. Aldrich, from which we are permitted to make the following extracts:

"It is now almost a year and a half since I was home. Since my last trip to England, I have spent considerable time in Scotland—visited the famous cities of Glasgow and Edinburgh and in fact lived in each for several days at a time. I have also spent some time in London and visited Paris, gone right across through France and visited Italy along the Mediterranean sea. Naples is a very interesting city, though so old that none of us would care to live there. I also had a good look at Vesuvius, the great volcano, and visited Pompeii, the ancient city which it ruined. Have also been in Egypt, in Africa, right along Arabia, and only a few miles from Jerusalem.

"have also been working hard all the time, and have done pretty well in business, though I consider the experience and travel to have been an advantage even if I had made no money, for they give one a broader view of the world and above all make one truly appreciate his own country and people. America is the greatest nation on earth today and is so acknowledged by all others, and I am proud to be a 'Yankee' and to call America my country to an extent that remaining at home would never have developed. And when I do return, I am sure I shall the more appreciate the true spirit of liberty and opportunity and progress which has characterized its great success."

The above, taken from Maple Rapids' weekly paper, will be of interest to many of our readers who know of Mr. Owen's travels through the eastern countries.

'68.

A note written by a prominent attorney of Detroit to those having in charge the "Kedzie Memorial Fund" contains the following concerning Mr. Geo. F. Beasley, whose death was announced some time ago. "For several years Mr. Beasley was associated with me here. On Nov. 1, last, he was found dead in his room from neuralgia of the heart. Previous to his death none of us, and I do not think he himself, had any idea that he was a subject of heart trouble. He was an extraordinarily strong and vigorous man and dropped away in the midst of his work and in the prime of his life. Warm hearted, generous and just in all his dealings with mankind he loved his alma mater."

'03.

S. B. Hartman of the above class has an interesting article in the Detroit Free Press Farm and Live Stock Journal of Jan. 6, on "Planning the Orchard." Two illustrations are given showing method of setting orchards where it is desired to set both apples and peaches on the same plot of ground.

'03.

Frank J. Phillips made his college friends a hurried visit on Wednesday of last week. Mr. Phillips is enjoying his work at the University very much and states that there are in the neighborhood of 35 M. A. C. men in attendance.

THAT PERSON

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wear. (We have the
heavy sole also, same
price).

C. D. Woodbury
HOLLISTER BLOCK.

ABOUT THE CAMPUS.

Watch for the programs of the Farmers Club, for the entire term, in our next issue.

Sleighting began this year Jan. 12. Last year our sleighting began about Thanksgiving time.

The Horticultural department began Monday to put up a supply of ice for the summer season.

Prof. Bogue returned Tuesday from the Forest congress in Washington and reports a very successful meeting.

The temperature this month ranges from 3 to 32 above zero. Good weather for catching cold—and keeping it.

Prof. Weil's music cabinet was the gift of his fellow-workers in the department instead of students as stated last week.

Fred M. Walker, with '07, visited College friends the past week. Mr. Walker is taking work in the University this year.

Mr. E. Higgs received an injury on Saturday last. A barrel of sugar which he was rolling fell upon his foot, bruising it quite badly.

Mr. M. T. Shepard, a student in the Live Stock course, was called to his home Monday morning on account of the death of his mother.

Hours for callers at the Woman's Building during this term will be from five to six every day. The building will not be open for callers after supper except on Friday and Saturday, which remain calling evenings as heretofore.

Prof. Smith's Bible class of young ladies entertained the members of his young men's Bible class at the Women's Building on Friday evening. Refreshments were served and a very enjoyable evening passed.

Prof. Von Buhl will give a recital on Friday evening, Jan. 20, in the College Chapel. He will be assisted by Miss Della Knight, reader, and Miss Hattie Hasty, accompanist. No admission fee will be charged and a cordial invitation is extended to all college people.

About 50 students are enrolled in the creamery course and the rooms for their instruction are kept full all of the time. About 2,000 pounds of milk per day is used all of which is made into butter. The butter, aside from that sold for local use, will be shipped to Chicago.

Several new machines have been placed in the dairy for use during the special courses, some of which may be retained for permanent use. Among those placed are a Wizard Agitator for refining cream, a Farrington Pasteurizer, a Simplex combined churn and worker, and a Twentieth Century milk heater, and a Victor starter can.

The teachers and students of the Woman's Building plan a series of "at homes" for the winter term. They will keep open house on the first and third Fridays of each month, beginning with Friday of this week. Every one who would enjoy an informal evening with friends at the building will be welcome. A cordial invitation is extended to all.

The Experiment Station has issued Special Bulletin No. 22, on "The Crop of Corn" by Prof. Jeffery. The bulletin was issued for social and home study. It contains twenty-two practical questions to be thought or figured out and gives cuts showing typical ears of corn grown on the college farm and elsewhere.

Mr. Paul Miller of Meridian died at the home of his sister, Mrs. George Krentel, in Collegeville, Tuesday, Jan. 10. Mr. Miller has been a sufferer from bronchitis for some time and recently returned from California where he had gone in the hope of regaining his health. Funeral services were held from the house on Thursday and the remains taken to Okemos for burial.

For many years the botanical department has purchased for the herbarium some sets of plants collected by experts in Mexico, territories of the west and elsewhere. This year and last a special effort has been made to try plants not represented in our herbarium. Eighty-five have just been secured from southern California, from A. A. Heller. Some exchanges will be made with the Geological Survey of Ottawa, Canada.

A recent report of the State Dairy and Food Department gives the names and addresses of butter makers and the creameries with which they are connected, and also cheese makers with name of factory with which each is connected. A reference mark indicates those who have taken the dairy or cheese

course at M. A. C. In counting these names we find that M. A. C. has 45 men in the creameries of the state and 35 in the cheese factories. This is certainly a good showing for our special courses.

In last week's issue we stated that an M. A. C. man had gone to Massachusetts to aid in fighting the gypsy moth which has become a very serious pest in that state. An interesting article has since come to notice stating how this insect was first introduced and for what purpose. We quote from this article which is written by Priscilla Leonard in a little paper called *Forward*.

"One of the most extraordinary stories in all natural history is the fight of Massachusetts with the gypsy moth—a fight begun fourteen years ago, and still going relentlessly on. The tale begins with an enthusiastic but careless French scientist, who lived at Glenwood, near Boston, in 1868, and who imported some gypsy moths from Europe (though they were known as "pest insects") with the Utopian idea of crossing them with the silk-worm moth, and obtaining a hardy caterpillar that could flourish in the open air and spin a marketable silk cocoon. This idea proved to be absurdly impossible, but before he gave it up, many gypsy moth caterpillars escaped from the fragile cages where he reared them, reached the Glenwood trees, and then spread to Medford."—And now \$200,000 is spent annually in combating this moth which has spread rapidly in the state and has recently appeared in Rhode Island.

'81-'82.

T. O. Williams, of Grand Rapids, county surveyor of Kent county, attended the Engineers' meeting in the city last week and called on College friends. When asked to write something for the RECORD he said that he objected to the new lace curtains and feminine appearance of his old room in Williams Hall.

'82.

W. H. Goss, county surveyor of Van Buren Co., was in attendance at the Michigan Engineering Society held in Lansing the past week, and called at the College Jan 12.

'03-'04.

Miss Caro Farmer, a student here the past year, is now teaching domestic science in the school for the deaf and dumb at Flint, Mich.

'02.

A line received by Prof. U. P. Hedrick from D. S. Bullock, written Nov. 26, from Casilla 75, Temuco, Chile, states that at the time of writing fruit trees were only just out of bloom, strawberries were just beginning to ripen and wheat just beginning to head set. Prospects are good for plenty of fruit. Mr. Bullock is getting along nicely with his work and is at this time enjoying his summer vacation which was to begin about Jan. 1st.

ONLY A MACHINIST.

A firm of machinists in New York, who have a great deal to do with printing presses, prints in a folder the following story by Artemus Ward, which story had before escaped our notice:

In a sumptuously furnished parlor in Fifth Ave. sat a proud and haughty belle. Her name was Isabel S—. Her father was a millionaire, and his ships, richly laden, ploughed many a sea. By the side of Isabel sat a young man with a clear, beautiful eye and a massive brow.

"I must go," he said, "the foreman will wonder at my absence."

"The foreman?" asked Isabel, in a tone of surprise.

"Yes, the foreman of the shop where I work."

"Foreman—shop-work! What! Do you work?"

"Aye, Miss S—! I am a machinist!" and his eyes flashed with honest pride.

"What's that?" she said, "its something about machines, isn't it?"

"It is!" he said, with a flashing nostril, "and presses."

"Then go!" she said in a tone of disdain—"go away!"

"Ha," he cried, "you spurn me then, because I am a mechanic. Well, be it so, tho the time will come, Isabel S—" he added, and nothing could exceed his looks at this moment—"when you will bitterly remember the machinist you now so cruelly cast off! Farewell!"

Years rolled on, Isabel S— married a miserable aristocratic printer, who recently died of delirium tremens. Her father failed, and is now a raving maniac, and wants to bite little children. All her brothers (except one) were sent to the penitentiary for burglary, and her mother peddles clams that are stolen for her by little George, her only son that has his freedom. Isabel's sister, Bianca, rides a spotted horse in the circus, her husband

having long since been hanged for murdering his own uncle on his mother's side. Thus we see it always best to patronize practical machinists.—*American Machinist, Jan. 5.*

A man or woman in public or in private life who ever works only for the sake of the reward that comes for the work will in the long run do poor work always. I do not care where the work is, the man or woman who does work worth doing is the man or woman who lives, breathes, and sleeps that work; with whom it is ever present in his or her soul; whose ambition is to do it well and feel rewarded by the thought of having done it well. That man, that woman, puts the whole country under an obligation.—*John Ruskin.*

BEFORE.

There are meters of accent,
And meters of tone;
But the best of all meters
Is to meet her alone.

AFTER.

There are letters of accent,
And letters of tone;
But the best of all letters
Is to let her alone.

Bible study is steadily growing in interest in some of our colleges, among them being Harvard, Yale and Brown universities. At Harvard, the athletic and fraternity men have taken up the work and are said to be getting enthusiastic over it. It is reported that a large proportion of the men at Harvard will be enrolled before the end of the present year.—*Ex.*

Insurance Agent—"Come, Pat; let me insure your life for \$1,000."

Pat—"Wait a bit, thin. Oi think Oi'll take out a hundred dollar policy first, an' if Oi die an' git that wan all right, thin Oi'll take out a bigger wan."

The boilers of the Reo Car Company, of Lansing, were fired for the first time last Thursday. About 50 men are employed at the plant, and it is expected that in two weeks the plant will be running to its full capacity. The company employ several M. A. C. men.

The *Michigan Farmer* of Dec. 24 presents on its cover page the picture of a money bank in the form of a chimney. Above this is a card upon which is printed an appeal to passers-by to contribute something toward a christmas dinner for the poor of Detroit. On one side of the chimney stands good old St. Nick, and on the other, in the act of dropping a coin into it, we recognize our friend Burt Wermuth of the class of '02.

Our Microscopes, Microtomes, Laboratory Glassware, Chemical Apparatus, Chemicals, Photo Lenses and Shutters, Field Glasses, Projection Apparatus, Photo-Micro Cameras are used by the leading Laboratories and Government Departments.

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DIRECTORY

LANSING BUSINESS and PROFESSIONAL MEN

The names in this Directory, as well as those of all our other advertisers, are of reliable parties. We hope that the faculty and students will take pains to patronize those who patronize us.

BARBERS.

M. A. C. BARBER SHOP, Rooms in New Bath House. H. A. Sias, Proprietor.

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A. M. EMERY, 116 Wash. Ave. N. Books, Fine Stationery, Engraved Calling Cards, Fountain Pens, Pictures, Frames, Fine Framing a Specialty. Up-to-Date Styles.

CITY BOOK STORE, Fountain Pens, Drafting Tools, Stationery, Cards Engraved, Pocket Books, Card Cases and Bibles. Tennis, Football and Baseball goods. Crotty Bros., 206 Wash. Ave. N.

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GEO. G. BLUDEAU & CO.—Bookbinders Account book makers, paper ruling, library and fine art bindings, file boxes, map mounting, albums, pocket books, etc. Citizens phone No. 56. 109 Wash. Ave. N.

WAGENVoord & CO.—Bookbinders, Blank-book Makers, 109 Washington Ave. South.

BOOTS AND SHOES.

C. D. WOODBURY.—Boots and Shoes. We shoe the students. See ad.

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BUY your Dry Goods and Clothing at H. KOSTICHEK & BRO'S. Dry Goods Store 210 Washington Ave. S. Clothing Store 113 Washington Ave. N.

LOUIS BECK.—Clothing, Gents' Furnishings, Hats and Caps. 112 Washington Ave. North.

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DENTISTS.

A. F. GORDON, D. D. S. M. A. C. '91, U. of M. '01. 218 Washington Ave. S. Phone, Citizens 862.

J. E. STOFFER, D. D. S. Office 105 Washington Ave. S. Citizens' Phone 1049. Former M. A. C. student.

N. H. MOORE, D. D. S. Office 411-13 Hollister Building, Lansing, Mich. Citizens phone 475.

R. W. MORSE, D. D. S. Hollister Block, Room 517. Citizens Phone 52. Bell Phone 396.

D. E. PARMELEE, Dentist, 117½ Washington Ave. S., Lansing, Michigan. Citizens' Phone, office 275; residence, 1440.

DRUGGISTS.

ROUSER'S CAPITAL DRUG STORE. Up to date. Corner store. Opposite Hollister Block.

ROBINSON DRUG CO., successors to Alsford & Son, Drugs and Druggists' Sundries, 102 Washington Ave. N.

DRY GOODS.

THE JEWETT & KNAPP STORE. Dry Goods. 222-224 Washington Ave. S.

A merry party of about a dozen college people took a sleighride on Friday evening of last week, driving to Lansing by the old state road and returning by the Michigan avenue road. With plenty of warm blankets

ALL MEATS

May look alike to you, but there is a very great difference in the quality we handle and that sold by some other markets. We handle none but the very best. Like the pudding, the proof of good meats is in the eating. A trial will convince you that you ought to trade with us.

We make daily trips to the College. BOTH PHONES. Careful attention given to phone orders.

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Washington Ave. South.

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ORDER your hacks for parties at Carr's Hack Line. Livery in connection. 410 Washington Ave. N.

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NORTON'S HARDWARE—General Hardware, Stoves, Tinware, Graniteware, Cutlery, etc. 111 Washington Ave. South. See ad.

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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.

D. R. H. W. LANDON, Office and residence, M. A. C. Office hours from 7 to 8:30 a. m., and 12:30 to 2, and 6:30 to 8 p. m. Sunday office hours 4 to 5 and 7 to 8 p. m. Now phone 1580.

D. R. OSCAR H. BRUEGEL, Hours 9 to 11 a. m.; 2 to 4 and 7 to 8 p. m. Agricultural College, Mich. Citizens phone 1502.

PLUMBERS.

SHIELDS & LEADLEY, Plumbing and Heating. 300 Wash. Ave. N., Lansing. Both Phones.

SPORTING GOODS.

J. H. LARRABEE. Base Ball Goods, Foot Ball Goods, Tennis, Golf, Guns, Ammunition and Fishing Tackle. 325 Wash. Ave. S.

to keep out the cold the ride was much enjoyed by all. Upon returning, the party stopped at the home of Mr. Robison where light refreshments were served and a very pleasant hour passed.