

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

Vol. 15.

LANSING, MICHIGAN, TUESDAY, JANUARY 25, 1910.

No. 17.

AMONG THE MEMOIRS OF PRESIDENT T. C. ABBOT.

It is a very impressive thing to have the opportunity of reviewing the writings of a truly great and good man. It is made even more impressive when we reflect that perhaps these very writings are of considerable literary value and might be highly appreciated by the world generally if once placed before the public. In looking over the daily journals, folios, excerpts, scrap books, books of poetry, essays, sermons, etc., as they had been put down for preservation after all cor-



T. C. ABBOT

rections had been made, one is made to feel as though he is being taken into the confidence of the writer. Such is the way we felt while all alone the other day in the storage vault of the library as we looked through the memoirs of President Theophilus C. Abbot.

It is impossible to say just when Mr. Abbot began to keep a diary. The first book in possession of the college which records his daily life and thoughts is dated Boston, June and July, 1840, but from the general appearance it would seem that this is not the first. For the sake of interest we here insert the first note:

"June 27, 1840, Monday. Father, Dr. Folsom, Rachel, Little Laura, Harriet, Ann Eliza and myself started for Boston in company with Mr. Hodge and Eunice. Went to Portland in the stage; took supper at Elm House and started again on board the Portland."

The last one is dated Lansing, Dec. 30, 1885, and reads as follows: "Frank Kedzie and Kate Marvin married at 6:30, Congregational church, by Rev. Eben Thompson; Mamie 1st bridesmaid. Henry Haigh groomsmen, and several others. Reception at Mrs. Marvin's very full."

With the exception of a few occasional months the record is complete from the time he entered college at Waterville, Me., February, 1842, to the last note just mentioned. It

(Continued on page 2.)

LECTURES TO SENIOR FORESTERS.

Last Wednesday afternoon Dr. E. D. Pierce, of the State Sanitarium for Tuberculosis at Howell, delivered a lecture to the junior and senior foresters on First Aids to the Injured.

Dr. Pierce covered first the subject of wounds caused by knives, axes and other instruments used largely by the woodsman, and some of the very simple and yet highly effective means for cleaning wounds and stopping blood flow.

The proper methods to be employed in treating sprains, dislocations, fractures and bruises were each given careful attention.

Using Mr. Wilson as the victim the doctor demonstrated many of the "First Aids" as well as the proper manner of applying the cloth and rubber bandages to different parts of the body.

The last half hour was spent in demonstrating the treatment to be used in case of drowning.

The men took a great many notes on the lecture, and it is to be hoped that should occasion ever arise their self possession will be with them as well as their notes.

After the lecture Dr. Pierce spent the balance of the afternoon in visiting the poultry plant and the dairy barns.

DEDICATED TO DR. BEAL.

The *Wolverine*, the junior triennial, will be dedicated this year to Dr. W. J. Beal. Next May, about the time the book will be presented, our senior member of the faculty will have completed his fortieth consecutive year at the college. He will celebrate his 77th birthday March 11, and is one of the oldest active professors in this country.

Neil Van Horne of Marquette, editor of the *Wolverine*, is preparing a history of Dr. Beal's career, which will be published in the junior book along with a fine collection of funny stories with which "the doctor" has delighted his classes since members of the junior class have been taught by him to "keep on squinting."

FIRST AID TO WOUNDED.

Dr. E. B. Pierce, of Howell, gave a beneficial talk to the forestry students at the college last week on first aid to the injured. The forester is often working far from medical or surgical assistance and it is as essential for him to know the rudiments of "first aid" as it is for the soldier. Among other things, Dr. Pierce said that all wounds should first be thoroughly cleaned and kept clean. When asked about the old time remedies of using tobacco juice, sugar, etc., in wounds, he said that they are decidedly a detriment as they are contaminated with all sorts of dirt and germs and if the wound heals, it does so despite the setback of the bad influences of the tobacco, etc., rather than by its assistance.

ANOTHER AGRICULTURAL ORGANIZATION.

On Saturday afternoon a meeting of the teachers of agriculture in the high schools of the state was held at the college. All were present and completed the organization which will be known in the future as the Society for the Promotion of Agricultural Education. The officers elected were as follows: R. G. Carr, '09, President; R. G. Hoopingartner, '09, Vice-President; C. L. Nash, '09, Secretary; B. H. Roberts, '09, Treasurer. Prof. W. H. French was chosen corresponding secretary.

There was no fixed program but discussions were made of the course of study, methods of teaching, the results derived from observation work, the attitude of students to the subject of agriculture and the attitude of the people in general.

At present there is no uniform course maintained in the high schools. One of the principal aims of this meeting was to make a uniform program. The discussions were purely technical, and deal with the every day problems of the teacher.

UNKNOWN POSSIBILITIES.

The following letter has recently been received by Dr. Blaisdell. Any one interested in the possibilities of Florida farming may secure the name of the writer by addressing Dr. Blaisdell.

"I have recently come into possession of 120 acres of land in Florida. I know very little regarding the land, but I am positive that it is there and that it is mine for I have just obtained an abstract. The land has never been cultivated.

"Do you think it possible for any one from your college to cultivate this land for a few years, the profits being theirs for a time? I have no capital now to use in this way but am anxious to have the land cultivated.

"If you think this plan is feasible I can give you the location and we can obtain definite information regarding it."

NOTICE.

A sketch class is to be formed of the instructors in the Department of Drawing and Design. It will meet Wednesdays and Fridays from 3 to 5 p. m.

Members of the faculty or families of the faculty are welcome, and also any students of the upper classes who have had the necessary elementary training in drawing. There will be a slight charge to pay the time of models.

WANTED.

Students to pose for a sketch class meeting in the department of drawing and design, Wednesdays and Fridays from 3 to 5 p. m. Suitable remuneration for services. Inquire at department office.

ALUMNI

THE GRADUATES IN FORESTRY.

'04.

Hon. Geo. C. Morbeck, '04, is a member of the legislature of Idaho.

F. H. Sanford, '04, is assistant professor of forestry at M. A. C.

Dorr Skeels, with '04, is acting forest supervisor at Libby, Mont.

'05.

Geo. F. Talladay, '05, is in commercial work in New York.

'06.

A. N. Robson, '06, is forester in charge of the Peabody estate in New York.

'07.

C. M. Granger, '07, is acting forest supervisor of Pike's Peak forest at Denver.

C. H. Goetz, '07, is instructor in charge of the department of forestry at Washington State College at Pullman.

LeRoy Dorland, '07, is in the retail shoe business in Minnesota.

'08.

W. A. Hopson, '08, was with the forest service one year when he took charge of a large stock farm in northern part of the State.

Francis Kiefer, '08, is forest supervisor of the Ozark forest in Arkansas at Harrison.

A. R. Wilcox, '08, is forest assistant in the Columbia forest in Washington. Address, Portland, Oregon.

'09.

R. V. Tanner, C. W. Edwards, '09, and Frank McClung, with '09, are rangers in the Montana reserve. Address, Libby, Mont.

J. A. Mitchell, '09, is forest assistant at Tahoe forest, in California. Address, Nevada City, Cal.

Reese W. Taylor, is forest assistant on the Fillmore national forest, Utah. Address, Beaver, Utah.

G. A. Bignell, '09, ranger of the U. S. forestry service, has been transferred from Kootenai forest, Montana, to the Kaniksu forest, in Washington. He is located just 12 miles from the boundaries of Idaho and Canada, 20 miles from a railroad, and in two feet of snow. He is now in charge of a timber sale to the Inland Portland Cement Co., Metaline, Wash. His address is care of this company.

With '09.

G. W. Hendry, special, is forest assistant in the Pike's Peak national forest in Colorado. Address, Monument, Col.

'83.

W. A. Bahlke, '83, is one of the leading lawyers in Alma. He is considered by the people of his county to be the best farmer also.

The M. A. C. RECORD

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

CHAS. HENLEY, MANAGING EDITOR

SUBSCRIPTION - 50 CENTS PER YEAR

Entered as second-class mail matter at Lansing, Mich.
Remit by P. O. Money Order, Draft or Registered Letter. Do not send stamps.
Address all subscriptions and advertising matter to the College Secretary, East Lansing, Mich. Address all contributions to the Managing Editor.
Business Office with Lawrence & Van Buren Printing Co., 122 Ottawa St. East, Lansing, Mich.

TUESDAY, JAN. 25, 1910.

AN OLD QUESTION.

A few days ago the *Adrian Telegram*, in an editorial in which it complimented the Michigan Agricultural College highly, raised the question as to the advisability of this institution maintaining an engineering course similar to the engineering course carried on at our state university. It holds the Agricultural College responsible for this duplication, and endeavors to show that it would be a great saving to the state if the engineering departments of these institutions could be consolidated.

This is not a new question but there are just a few things that should not be forgotten by the *Telegram* and the people of the state. First, the Agricultural College is not responsible for this duplication. In 1862, the United States congress gave to the state of Michigan 240,000 acres of land for the purpose of maintaining a college of "agriculture and mechanic arts." The legislature of the state accepted this gift, thereby committing itself to carry on the mechanic arts work in its agricultural college. The act of congress also provided that the institution to be established should be a college, and that the mechanic arts works should be of college grade, which is nothing more or less than engineering, and it is so interpreted by all the land grant institutions of the country. The Michigan Agricultural College, therefore, is simply carrying out the act of the legislature which was passed long before engineering buildings and laboratories were thought of at the University. Indeed, the engineering shops at the Agricultural College antedate those at the University.

The Agricultural College is maintained principally for the industrial classes and certainly it is within its proper sphere when it teaches engineering as well as agriculture. It is proper to state, however, that the work in these two institutions is not altogether a duplication. The Agricultural College does not offer extended and varied courses in engineering such as are offered at the University. It does, however, offer much more shop work and in that way prepares its students for a field of work which differs somewhat from that open to the graduates of the University.

It is a question, also, as to whether there would be any saving of expense, provided the engineering departments of these institutions were consolidated. If the schools were small, it would probably be more economical, but as each class is divided into many sections and as the laboratories and shops are overcrowded as it is, it is difficult to conceive of any plan that would get

more work out of the teachers and use the laboratories a greater number of hours per day than is being done at the present time. The only saving possible would be along the line of administration, but as these institutions are now both officered for other purposes as well, there would practically be no economy in that respect.

There are other reasons, however, why the engineering department of the Agricultural College should remain undisturbed. It provides a good engineering education to young men at about half the expense that is required to attend the University. The students live a free democratic life and are not subject to some of the evil influences which permeate the larger institutions.

And finally, it is too late to raise this question. The government, in its land grant of 1862, laid down conditions and the state accepted them. The Agricultural College now receives about \$140,000 a year from the national government and it cannot and must not break faith. The state must maintain an institution offering instruction in agriculture, engineering and military science. It would be an unpardonable breach of faith not to do so, and would, without doubt, result in the withdrawal of these funds if such a change were attempted.—*The State Republican*.

REUNION OF ENGINEERS.

An interesting feature of the triennial reunion celebration which will be held at the college in connection with the commencement exercises next June, will be that the engineering department at the college will have completed approximately a quarter century of usefulness. Advantage of this coincidence will be taken to endeavor to get an unusually large number of engineering alumni back for the reunion in June. Dean Bissell of the engineering department is planning to have a special program of great interest to engineering alumni. An able speaker will probably be secured to address the engineers and the headquarters for this feature of the reunion will be in the engineering building.

The engineering department was organized in 1884 and the first graduates were in 1889, six students receiving their "B. S." degrees at that time. The growth in popularity of the department is partially shown in the number of graduates from year to year. Up to 1900, there were seventy-seven graduates. During the last three years, there have been over an average of forty-five graduates each year, the total number of graduates in the department being a little over 350.

AUROREAN SOCIETY ENTERTAINS GUESTS.

On Saturday night, Jan. 22, the Aureorean Society held a very interesting meeting, because of the visit of some of its '09 men. Among those present were J. O. Linton, C. L. Nash, F. F. Burroughs, R. G. Hoopingarner, Clyde Gorton and C. L. Emery.

After an extensive program, including music by the orchestra, the society and its guests were treated to a banquet by one of its members.

THE COSMOPOLITAN CLUB.

Another outcropping of the spirit of democracy which prevails at this college was manifested in the organization of the Cosmopolitan Club, which took place last Tuesday night. The movement began last term when all the foreign students and a few Americans gathered for the purpose of considering some means of cultivating social intercourse between the students of the various nationalities represented at this institution. At that time, temporary officers were elected and a committee was appointed to draw up a constitution which would suit the needs of such an organization. The constitution was adopted on Tuesday night, and officers were elected as follows: President, E. C. Lindemann; vice president, Y. Kawada, secretary-treasurer, M. C. Ellman; corresponding secretary, Osman A. Rasik. The club now has a membership of sixteen, representing eight nationalities. As stated above, the object of this club is to cultivate social intercourse between the students of the different nationalities, and further, as its constitution states, "to study the conditions of, and to promote a better understanding of the political, social and cultural problems of the various countries, and thereby foster the spirit of universal brotherhood." In order that all students may derive the benefits of this organization, it is intended to hold open meetings for lectures by the members and for discussions of the problems mentioned above.

AMONG THE MEMOIRS OF PRESIDENT T. C. ABBOT.

(Continued from page 1.)

showed very well how fully he had kept the resolution which preceded the life-long task—"For my own satisfaction I have made a resolution to keep a journal and a still stronger resolution to keep my resolution. As I have often wished to keep one, and as I have often failed to do so regularly, I will make no promises now, but as I have often desired to know what I was doing at such and such a time for my own satisfaction, I commence this just as I commence college life.—I room, or am to room, with Charles E. Hamlin of our own place, Augusta, and he will keep a journal, too—much better than myself."

This diary consists of about eighty-five separate books of various sizes and descriptions. Some are much worn and were used as pocket note books, others were used as desk books. Some of these overlap each other in regard to dates, while at times the days were either uneventful or he neglected the work. Be that as it may, they have a peculiar interest to the college. Mrs. Abbot has kindly consented, at the request of Dr. Snyder, to having made a duplicate copy of the records from the date of his first entering the college in 1858 to the end. These have been made and will hereafter be kept in the vaults until such time as the president shall think wise to publish them. The original records will soon be sent to Mrs. Abbot and the son, Rodney, who now reside at San Gabriel, Cal.

The diary is interesting from beginning to end. Although it is written merely as a record and lacks

the narrative element which makes for easy reading, the events themselves are often uncommon. Each separate note is complete within itself, and has that touch of finish so common to all worthy works. The handwriting is plain and delicate. The earlier books had been kept with great pains in all regards. The English is correct, and neatness is a striking feature. Age and business interfered with the care of the last ones. They are often more or less abbreviated, but not so much so that they are difficult to read. They are full of lofty sentiment and ease and complacency. So far as it has been possible to review Dr. Abbot's life has been void of turbulence. The notes on his home and family are full of happiness, and all members of the household are given the fullest consideration. He rejoices at Billy's, the horse's, vacation of a whole year. At times when he is extra diligent he keeps a complete account of the letters received and the replies. Visitors are mentioned and conversations noted. He is particularly fond of praise, and loves that of the worthy and competent judge. At one time after he had delivered an address in chapel, Dr. Beal and other members of the faculty came into his office and congratulated him. A note below remarks that the boys seemed well pleased.

Among the later notes are occasional critical remarks, although critical, none are severe. Most of the criticisms are without argument, merely a statement of facts as they appeared to him. He is very much like Emerson in this respect.

The diary habit grew in a variety of directions, so many that it would appear to be almost a peculiarity. "Posting" of classified events during his busiest years was a common thing. The records include nearly every kind of recordable thing. They range from sermons and essays down to scrap books containing postage stamps and dolls cut out of newspapers by the babies. It is all, however, choice matter. Each little fragment has its value, even to the outsider, and all is appreciated.

SONNET.

I gazed at night and wondered, for the night
Of matchless heroes by the stars was told.
Orion strode along the arched height,
In march Perseus and Cepheus bold.
Types of the power stern active wills enfold.
How came ye there, I cried and Truth austere
Stooped down, the curtain from mine eye to hold;
And bade me look again with sight more clear,
And in HER light review the heavenly sphere.
And lo! Like unreal phantoms of a timid soul,
Heaven's hundred constellations fled afar,
And left grove night in all her course to unroll
ONE constellation, linked from star to star,
The symbol of God's might, no lesser powers may mar.

—T. C. Abbot.

'09.

Miss Esselstyn, who is teaching in Midland, was visited a few days ago by Dr. Marshall. He reports that she has a fine place and likes the work very much.

SPECIAL SALE OF FURS
ALL THIS WEEK

CAMERON & ARBAUGH CO.

SPECIAL SALE OF FURS
ALL THIS WEEK

Great Suit and Dress Sale

We shall place on sale in our Cloak Department every Woman's Suit and Dress we have in our stock at a great reduction in price. Every garment is new and the very latest style. Come to this great sale and save money.

\$20.00 WOMEN'S TAILORED SUITS \$15.00

Regular \$20.00 Women's Tailored Suits, all made and tailored in the latest style. Come in black and blue broadcloth. A great suit value..... **\$15.00**

\$35.00 WOMEN'S TAILORED SUITS \$25.00

Take your choice of any Tailored Suit in our stock. Regular value, \$35.00; special..... **\$25.00**

\$25.00 WOMEN'S TAILORED SUITS \$20.00

Beautiful Women's Suits that have regularly sold at \$25.00. Special sale price, while they last..... **\$20.00**

GREAT SALE WOMEN'S WOOL DRESSES

We are showing some of the greatest values in Women's Dresses you have ever seen. Special at **\$10.00, \$15.00, \$18.50**

CAMERON & ARBAUGH COMPANY

We are now in position to show you the most complete line of

Ladies' and Gentlemen's Fall and Winter Furnishings

ever shown in this city. Nothing but latest and best find place here. Student patronage solicited.

E L G I N M I F F L I N

"COLLEGE SPECIAL" SHOES

Shoes that are especially made for college wear — stout, serviceable, sensible, with styles that are strictly up-to-date. Ladies' and Gentlemen's.

Sold only by



GYMNASIUM SHOES.

Try Our Electrical Shoe Repairing.

**For Anything
you may need
in the HARD-
WARE LINE**

try

**NORTON'S
HARDWARE**

111 Wash. Av. South.
COLLEGE BUS HEADQUARTERS

ABOUT THE CAMPUS

LOST.—Star shaped stick pin set with garnets. Reward. Finder leave at Secretary's office.

The department of drawing and design is in possession of an overcoat found in the hallway the last day of the fall term. Owner may have same by identifying it.

The Department of Drawing and Design is holding a life sketch class Wednesday and Friday afternoons from 3 to 5. Any member of the faculty or their families are welcome to attend, or advanced students who are in a position to profit by such works. No instruction is given. There will be a slight expense incurred to pay for models.

The faculty has decided to give credit for chorus work. Those who are members of the chorus at the present time will receive three credits for the year's work. Those who join the chorus not later than the first Monday evening of February will be granted two credits for the remainder of the year. After this year two credits per year will be allowed.

Any student who has purchased new Keuffel & Esser Paragon drawing instruments for his college course will find it to his interest and advantage to call at the office of the Department of Drawing and Design bringing his instruments with him. The reason for this request will be announced a little later. In order to benefit by this request students must call on or before Feb. 1st and leave their names.

NOTICE.—The hour for the reception for the Y. M. C. A. and Y. W. C. A. at Dr. Snyder's residence Friday evening has been changed from 8:00 to 6:30, on account of the oratorical contest.

Several professors have been busy the last week or two in various parts of the state helping to agitate the movement for better farming. Among them were Dr. Marshall, Dr. Blaisdell, Prof. Anderson, Prof. Jefferies, Prof. Eustace, and Prof. Taft. On the whole the meetings have been well attended, and considerable pleasure is shown over the attitude the farmers are showing toward the discussions.

The American Humane Education Society offers a series of cash prizes for original contributions of manuscripts and photographs to be published in *Our Dumb Animals* during March, April and May, 1910. There are four classes of prizes for each of these three issues, viz.: Essays on humane topics of general interest, stories which may or may not be fiction, anecdotes of unusual interest about animals of any kind, and photographs of animals and birds. The first prize on both essays and stories are each \$10.00; second prizes \$5.00, and third prizes \$3.00. On anecdotes and photographs the first prizes are \$3.00 each; second prizes \$2.00, and third prizes \$1.00. A number of third prizes are offered on the latter two. For and further information see Dr. T. C. Blaisdell.

E. E. Beighle, instructor in mathematics, was called home last week at the death of his father, who had resided in Illinois. He returned Monday.

1881—ROOMMATES—1882.

A. B. Turner, '81, superintendent of the Singer sewing machine plant at Cairo, Ill., employing over six hundred persons, while on a business trip to New York City, spent a day with his former roommate, W. T. Langley, '82, who for the past six years has managed the Sperry & Hutchinson premium parlors. During the past year nearly 200,000 premiums have been distributed from this branch.

Miss Ruth and Martin A. Turner are both headed toward M. A. C.

'99.

F. N. Lowrey, '99, is manager of the Dow Chemical Works at Midland.

'08.

Wm. M. Rider, '08, has just been appointed head of the Dairy and Animal Husbandry departments at Winona Lake, Indiana. He has been employed during the past year as herdsman for the herd of pure bred Holsteins at the East Michigan Asylum at Pontiac. He will begin his new work Feb. 1st.

'09.

Chas. H. Edwards, '09, is with the U. S. Forest Service at Missouli, Montana.

SCROOBY CLUB SLEIGHRIDE.

On Friday evening the Scrooby Club accepted an invitation from the young ladies of Pilgrim church to accompany them on a sleighride party. About seventy-five jolly people boarded the sleighs and went direct to Lansing, thence out Washington to Mount Hope, then a long circuit through the country, and finally landed at the hospitable home of Mr. and Mrs. C. C. Wood of E. Lansing. Here an oyster supper was served and games and music enjoyed until about midnight. Then another sleighride to Lansing and back, and finally to bed, only to arise in a few hours tired and sleepy, but feeling that we had enjoyed one of the best social events of the year. Mr. and Mrs. Wood and Rev. Goldsmith acted as chaperons.

YOU ARE INVITED TO ATTEND.

Last week Dr. George A. Waterman gave the club a very enthusiastic and convincing talk on "More Intensive Farming in Michigan." The meetings of the Farmers' Club are being very well attended this term. But like the last car out on Saturday nights, there is always room for a few more. We meet every Tuesday evening at 6:30, in room No. 109 of the new Ag. Building.

The Aurorean winter term party will be held Feb. 5th in the new Ag. Building.

J. W. KNAPP & CO.
are known by their
low prices.

J. W. KNAPP & COMPANY

LANSING'S BUSY RELIABLE STORE

It is not what you pay
but what you get
that counts

OUR GREAT JANUARY CLEARANCE SALE

Is the greatest Value Giving Sale ever given in Lansing. Every day we bring forth more and stronger inducements for our patrons to visit our Store often. In the Cloak and Suit Department we are daily adding new and greater bargains in order to close out every winter garment in the store before the arrival of New Spring Wearing Apparel. You know our policy—we never carry goods from one season to another, and the price reductions we are now making is fast depleting our stock.

LOOK AT THESE REDUCTIONS

Suits worth up to \$15.00 for	-	-	-	-	\$4.95
Suits worth up to \$16.50 for	-	-	-	-	7.50
Suits worth up to \$20.00 for	-	-	-	-	9.95
Suits worth up to \$27.50 for	-	-	-	-	14.95

Women's Coats worth up to \$10.00 for	-	-	-	-	\$5.00
Women's Coats worth up to \$12.50 for	-	-	-	-	7.50
Women's Coats worth up to \$20.00 for	-	-	-	-	11.95
Women's Coats worth up to \$25.00 for	-	-	-	-	14.95

Clearance Prices on Silks for Waists—Silks for Gowns.

Clearance Prices on Wool Dress Goods and Suitings.

The Store that Always Does just as it Advertises.

HORTICULTURAL CLUB.

The Hort. Club gathered Wednesday night with a fine attendance of regular and short course students to hear Prof. Gunson speak on "Farming Under Glass." He anticipated for us the remarkable increase in the number of acres of land which the coming census will show to be devoted to the most intensive kind of farming—"Greenhouse Industry." At the last census there were \$14,000,000.00 devoted to this business, but the next census will undoubtedly quadruplicate it.

Prof. Gunson used some very interesting lantern slides to illustrate the development of greenhouse architecture from the simple cold frame and hot bed to the large modern glass houses covering acres of land. In these there are no raised benches, but the plants grow on the level ground, and horses are used to prepare it for the plants. These are grown in seed beds and are transplanted into the rows.

The greenhouse man aims to have a crop growing on the land the year round. When one crop is ready it is marketed and a new one immediately set out. There are several combinations of crops which may be used, but the following rotation is usually followed out: Two crops of lettuce, followed by two crops of tomatoes or cucumbers, then rhubarb, asparagus and celery. The first crop of lettuce is ready for market about Thanksgiving.

Greenhouses can be used to advantage in any horticultural line as there are certain times of the year when a man has no other work. This time can be profitably spent in raising some vegetable crop for market.

The meeting was closed by serving Okubena apples, with a short history and description of them by R. G. Voorhorst.

THE FERONIAN ENTERTAIN

The color scheme of the annual winter party given by the Feronian Society in the armory Saturday night was yellow and white. The rafters were covered with branches of evergreen from which hung clusters of yellow chrysanthemums. Fischer's orchestra of Kalamazoo was stationed in the center of the room surrounded by old mission posts, from which hung old mission lanterns. From the southeast corner punch was served. The color scheme was carried out here with yellow bunting and chrysanthemums and mission posts. The same scheme was used for the northeast corner where comfortable

divans offered a tempting retreat after dancing. The entire western side was made into an attractive porch with chairs and flowers.

Miss Helen Emery, president of the society, and Mr. Hubert Pratt led the grand march, followed by the vice president, Miss Louise Norton and Mr. Knecht. The programs were of tooled leather, the handwork of Miss Fredrika Berth of Lansing. Dr. and Mrs. Barrows and Lieut. and Mrs. Holley were chaperones. A large number of former members of the society and many out of town guests were present. Among those who returned for the party were Misses Hazel Peck and Grace Clark of St. Johns, Gertrude Alden and Myssie Bennett of Grand Rapids, Olive Hook and Grace Malle of Detroit, Maude Bennett and Marjorie George of Hudson, Maude Ferguson of Toledo, Ruth Minogue of Newaygo, and Jess Shank of Chicago. The other out of town guests were the Misses Pratt of Ypsilanti, Suedicor and Malle of Detroit, Terbush of Owosso, and Whitbeck of Detroit.

'08

H. M. Conley, '08, is visiting the college this week.

CHOICE MEATS

WM. SAIER

333 Washington Ave. S.
Phones: New, 3297 Old, 369
Daily Deliveries to College

Lawrence & Van Buren Printing Co.

WHEN IN NEED OF
CALLING CARDS
122 OTTAWA ST. E.

EVERY KIND OF FURNITURE FOR YOUR ROOM

Cots Folding Beds
Mattresses
Book Cases Desks

ALL GOODS DELIVERED FREE

M. J. & B. M. BUGK

Filing Cases, Book Cases, Inks, Pens, Pencils

ALLEN PRINTING CO.

111 GRAND AVE. SOUTH
Printing and Office Supplies
Bell 1084 Automatic 4006

Engraved
Cards
—
Fine
Stationery

Carbon Paper, Typewriter Ribbon, Loose leaf Books

After Football, then **HOCKEY**
We have Skates, Hockey Sticks, etc.
Or, if indoor, then **BASKET BALL**
We have suits in various colors for
class teams, as well as rubber sole
shoes for all gym work.
J. H. LARRABEE, 325 Wash. Ave. S.

The wise man Never leaves school

We are always in the school of **DRY GOODS**, ever trying to improve our business and advance the interests of our patrons. That is the reason we want to talk to you about
**Quilts, Bed Spreads,
Cotton Sheets,
Pillow Cases, Pillows,
and Outing Flannel Sheets**
Our stock is the most complete and prices are the lowest where quality counts. We are prepared to meet most any demand that comes to us in this line.

DANGER, BROGAN & CO
LANSING'S LEADING STORE

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.

COLLEGE BARBER SHOP.—In New Bath House. Eric—Morgan—Andy. First class work guaranteed. Give us a trial.

BOOKS AND STATIONERY.

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. Cut Glass—cut in Lansing.

BOOK BINDERS.

GEO. G. BLUDEAU & CO.—Bookbinders. Account book makers, paper ruling, library and fine art bindings, file boxes, map mountings, albums, pocket books, etc. Citizens' phone No. 56. In City National Bank Building

BOOTS AND SHOES.

SHUBEL'S SHOE STORE.—210 Washington Avenue North. Repairing done by electricity. Student patronage solicited.

CROCKERY AND GLASSWARE.

H. H. LARNED.—China, Glass & Lamps. 105 Washington Ave. S.

CLOTHING.

ELGIN MIFFLIN.—Ladies and Gentlemen's Furnishing Goods. See ad.

H. KOSITCHEK & BROS.—Clothiers. Furnishings, Dry Goods. 113 Washington Ave. N.

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

DENTISTS.

C. E. COCHRANE, D. D. S.

N. H. MOORE, D. D. S. Office 411-413 Hollister Building, Lansing, Mich. Citizens phone, Automatic 9499.

D. E. PARMELEE, Dentist. 117½ Washington Ave. S., Lansing, Michigan. Automatic phone, office 3402; residence, 3403.

J. E. STOFFER, D. D. S. Office 301 City National Bank Bldg. Citizens phone 1049. Former M. A. C. student.

DEPARTMENT STORES.

CAMERON & ARBAUGH CO. Largest and best lighted store in Lansing.

DRUGGISTS.

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

DRY GOODS.

DANCER, BROGAN & CO.—Lansing's Leading Dry Goods Store. 119-121 Washington Ave. N.

J. W. KNAPP & CO., successor to Jewett & Knapp. Dry Goods—222-224 Wash. Av. S.

SIMONS DRY GOODS CO.—101 Washington Avenue South.

ELECTRICAL SUPPLIES.

CAPITOL ELECTRIC ENGINEERING CO.—Electrical Supplies and Toys, Telegraph Instruments, Students' Lamps and Extension Cords. 117 Michigan Ave. E.

FURNITURE DEALERS.

M. J. & B. M. BUGK.—Furniture. Corner Washington Ave. and Ionia Street. See ad.

HARDWARE, STOVES & TINWARE.

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

JEWELERS.

H. P. PIPER.—Resident Watchmaker. Any work left at College Book Store or Brick Grocery will receive prompt attention.

MANICURE AND HAIRDRESSING.

MRS. O. T. CASE.—Manicure and Hairdressing Parlors. Masquerade wigs for rent. Switches made of cut hair or combs. The France-American Hygienic Toilet Requisites a specialty. New phone 118. 222½ Washington Ave. S., up stairs.

OCULISTS.

JOSEPH FOSTER, M. D.—Eye, Ear, Nose and Throat. Hours, 9 to 12 a. m.; 2 to 4 p. m.; Sundays 12 to 1; Evening 7 to 8. Corner Allegan St. and Capitol Ave., Lansing. Both phones.

PHYSICIANS.

DR. OSCAR H. BRUEGEL. Hours, 7 to 8:30 a. m.; 2 to 4 and 7 to 8 p. m. Sundays, 12 to 1 and 5 to 6 p. m. East Lansing, Mich. Citizens phone 1344.

DR. H. W. LONDON. Agricultural College, Mich. Office hours, 7 to 8:30 a. m., 12:30 to 2 and 4:30 to 8 p. m. Sundays, 10 to 11:30 a. m., 7 to 8 p. m. Citizens' phone 9228.

TRUNKS AND LEATHER GOODS.

J. W. EDMONDS' SONS. Everything for the traveler. Leather Goods, Harness. Established 1854. 107 S. Washington Ave.