

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 15.

LANSING, MICHIGAN, TUESDAY, NOVEMBER 2, 1909.

No. 7.

## DIVISION OF VETERINARY SCIENCE.

The State Board at its meeting on Oct. 27 passed the following resolution:

*Resolved*, That this institution establish a division of Veterinary Science, the purpose of which shall be to train men to practice the veterinary profession.

For a number of years there has been a strong demand on the part of the veterinarians of the state that the college organize a division of Veterinary Science for the purpose of training men to practice that profession. The State Veterinary Association has memorialized the board several times, requesting that such action be taken. The legislature of the state passed an act authorizing specifically the board to establish a Veterinary College. While the live stock men of the state have not taken formal action, it is confidently believed that the establishing of such a division would meet with their hearty approval.

The live stock interests of the state are very great, and yet the state is not training men to protect these large interests. The state trains men to protect our fruit interests; physicians to protect the health of our people, and lawyers to protect their civil rights, but no effort is made to train men to ward off the diseases which are liable at any time to cause great destruction to the live stock interests of the state. Last year several hundred thousands of dollars were spent by the state and by the national government in fighting a disease within our borders. There is also a great demand for men who are capable of carrying on inspection work for cities and large corporations. The pure food law, which went into effect recently, makes it necessary for the government to employ a very large number of highly trained men. It does seem therefore reasonable that the state should not neglect this work longer. It almost goes without saying that such work is one phase of agricultural education, and should be developed and carried on under the auspices of this institution.

This action on the part of the board marks another milestone in the effort to make the college serve the highest interests of the state.

## M. A. C. TEACHERS' BANQUET ASSOCIATION.

Among the sub-organizations of Michigan State Teachers' Association, one of the latest is the "M. A. C. Teachers' Banquet Association," which was organized at the First Baptist church on Friday evening. About thirty alumni of M. A. C. gathered, took supper together and formally made permanent the society by electing Prof. W. H. French chairman for the coming year and Mr. Stevenson of Holland secretary and treasurer. The purpose of the organization is to partially take the place of an annual home-coming.

## DEWEY A. SEELEY, '98, TO BE WEATHER OBSERVER.

Weather Observer Dewey A. Seeley, ('98) who has been in charge of the Peoria weather station since its establishment, has been promoted by Director Willis Moore, of the U. S. weather bureau in Washington, and Jan. 1 will take charge of the new U. S. station at East Lansing, Mich., in connection with the pioneer agricultural college. Mr. Seeley has succeeded admirably in Peoria; has brought the benefit of the weather station close to the people and business men, and his new appointment is in the form of recognition for meritorious services—*Peoria Herald-Transcript*.

## STATE TEACHERS' ASSOCIATION.

The convention of teachers at Saginaw, Thursday and Friday of last week, is considered by everybody one of the best the state ever held. The entire program was carried out, and the enrollment reached 4450.

Eugene Davenport, Dean of the Agricultural college of the University of Illinois, gave a very interesting address Friday evening, entitled, "The Next Step in Education." He insisted that a broader field of action be presented to the student by introducing the activities of life in industrial training. The chief feature of this, he suggests, shall be instruction and practice in agriculture. He gave a very comprehensive review of the field of agriculture, mentioning the training in the rural schools and high schools, with suggestions on improvement. He argues against the establishment of special secondary agricultural schools, and especially commended Michigan's plan to inaugurate the teaching of agriculture in high schools, and the emphasis she is placing upon the fundamentals of the five fields of agriculture, viz.: soils, crops, horticulture, animal husbandry and farm management.

Those whom we know attended the convention were Prof. W. H. French, President of the Association, Pres. Snyder, Dean Bissell, Dr. Blaisdell, Prof. Ryder, Miss Coad and Miss McDonald.

## THE DEBATING CLUB.

Remember! The Debating club meets every Thursday evening in room 7, College Hall, at 7:00. This week the teams for the first preliminary contest will be chosen. Mr. Fish will be present to assist. Everybody is cordially invited, and Mr. R. G. Crane, president of the club, is expecting a large attendance.

'07

Calla Krentel is assistant in domestic science at the State Manual Training Normal of Kansas, located at Pittsburg, Kansas.

## HORTICULTURAL CLUB.

The Hort. Club held its weekly meeting in the club room on Thursday evening. The fruit industry around Fennville, Mich., was discussed by four students. Three of these have always lived there, and talked from a life-long experience. The other has worked there long enough to thoroughly understand his subject.

As is well known, Fennville is situated in the heart of the fruit belt of Michigan. The climate and soil is ideal, and growers are thoroughly up-to-date.

The first speaker was Mr. U. S. Crane, who spoke on the peach industry. He discussed the methods of production from the first spraying in the spring, through the succeeding sprayings, the thinning, picking and packing. His talk was closed with a few remarks on the joys of the fruit grower.

Mr. H. E. Truax then took up the apple industry in the same manner. He told of the improvements in the methods of apple growing, such as spraying and thinning, and mentioned some of the prominent growers. The chief varieties that are being grown were also mentioned.

The small fruit industry was carefully covered by Mr. O. W. Schleussner, of New York City, who has had practical experience at Fennville. He first took up the gooseberry, giving methods of picking and the prices obtained. After this he told of cherries, currants and the brambles.

Mr. H. E. Knowlton took up the shipping facilities of Fennville, showing that more than half of the fruit went to Chicago, either through commission houses or direct from the growers. There are four companies in the business of transportation; namely, the U. S. Express, the Fruit Growers' Association, and the two boat lines.

Next, Mr. E. E. Sanford of Grass Lake, exhibited sixteen varieties of apples and two varieties of pears from his father's farm.

After this the club enjoyed superlative pears, and adjourned.

## THE HORT. TRIP.

On Friday afternoon the club and Hort. faculty took a very interesting trip to the old Smith farm orchard, which is located just beyond Pine Lake. This orchard was set out about sixty-five years ago by Prof. L. H. Bailey, now of Cornell. It consists of sixty acres and contains many of the leading commercial varieties of apples. Although it has been neglected of late years, the owners have sold 500 barrels of fruit and are still picking.

Each visitor ate all he could, and then filled his pockets. Many interesting things were observed, and the trip was thoroughly enjoyed by all.

At the meeting Wednesday evening Mr. Thomas Gunson will speak on the Greenhouse Industry at Ashtabula, Ohio.

## ALUMNI

'87.

E. A. Burnett, '87, has been instructor in animal husbandry in the University of Nebraska at Lincoln since 1897. He is at Station C.

'02.

H. E. Young, '02, is editor of The Farmers' Review, 355 Dearborn st., Chicago, Ill.

'04.

W. J. Wright, '04, formerly editor of THE RECORD, is instructor in horticulture at the Pennsylvania state college. Mr. Wright has shown himself very able in his work here; what may he not be able to do in his calling?

'05.

Sherwood Hinds, '05, is draughtsman for the Toledo Machine and Tool Co., makers of presses and heavy machinery. Mr. Hinds is working upon a machine which, when finished will weigh 250 tons. The machine will stamp automobile parts.

'07.

Edwin A. Willson, '07, is located at Hamilton, Montana.

Daniel H. Ellis, '07, is superintendent of parks at Saginaw.

With '08.

M. C. Hutchings, with '08, is draughtsman for the Buick Motor Works at Flint.

'08.

A. W. Brewster is a tool designer in Detroit.

H. W. Hagaman is doing asphalt pavement and inspection work for the city of Chicago.

E. S. Martin is doing general engineering construction work for C. P. Turner of Minneapolis and is at present stationed at Oklahoma City, Okla.

H. J. Shassberger is teaching manual training and physics in the high school at Harvey, Ill.

R. A. Small is located in San Francisco, Cal.

O. W. Stephenson is principal of the high school at Holland, Mich.

G. S. Valentine is with the American Locomotive Co., at Dunkirk, N. Y.

L. E. Wood is taking the student apprentice course with the Allis-Chalmers Co., Milwaukee, Wis.

A. T. Barley is doing engineering drafting in Detroit.

'09.

B. Jerome is draftsman for the Peerless Motor Car Co., Detroit.

G. B. Kamps is engineer for the Macatawa Resort & Transportation Co.

R. R. Lyon has an appointment to the coast artillery U. S. A.

Frank H. Dains, '09, is doing structural draughting with the Canadian Bridge Co., at Walkerville, Ont.



# The M. A. C. RECORD

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

CHAS. HENLEY, MANAGING EDITOR

ASSOCIATE EDITORS

GEO. G. COVER  
J. W. CHAPIN  
W. H. WALKER  
W. I. MILLER  
FANNIE KEITH  
GEORGE DEWEY  
P. W. MASON

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, NOV. 2, 1909.

## "STUDENT SIDESHOWS" AGAIN.

Ernest Fox Nichols, M. S., D. Sc., the new president of Dartmouth in his inaugural address touched upon some of the same things that Pres. Schurman did in his address before the National Association of State Universities.

The RECORD last week gave an extract from the latter's address entitled "Student Sideshows." Following is a part of Pres. Nichols' inaugural which presents a different light upon the subject of college athletics.

"Some young men appear to have grown shy and to feel that a show of enthusiasm over ideas reveals either doubtful breeding, a lack of balance, or small experience with the world.

"May we not henceforth live our college life on a somewhat higher plane, where real simplicity, naturalness and downright sincerity replace all traces of sophistication and wrong ideals. Let genuine enthusiasm find freer and more fearless expression, that we may become more manly, strong and free. Why can't some college men stop masquerading in an assumed mental apathy and be spontaneously honest?

"Some who have sought an explanation of this slightly altered tone in college life blame intercollegiate athletics for the changed conditions, but I am not able to find the cause there, and believe, as I have already suggested, that it lies far deeper in the changed conditions of society and our national life.

"Intercollegiate sports do more to unite the whole college and give it a sense of solidarity than any other undergraduate activity, and thus serve a worthy purpose. Moreover, the lessons of sport are lessons of life and it is the moral world rather than the physical benefit of athletics which we can ill afford to lose from student life. They effectively teach a high degree of self control, concentrated attention, prompt and vigorous action, instant and unswerving obedience to orders, and a discipline in accepting without protest a close ruling even if a wrong one, in the generous belief that he who made it acted in good faith. Sport, like faith, knows no court of appeal.

"That a wider competition in scholarship than we now have would produce some useful results lies beyond question, but that those who expect most of all things from it will be disappointed may be confidently predicted.

It seems to me that the larger part of the ardor students show for athletic contests is due more to the appeal which bodily combat always makes to the dramatic sense than to the competitive idea in itself. It is the manly struggle more than the victory which men go out to see. I can not conceive how we are to clothe scholarship contests with a dramatic setting—as well attempt to stage the book of Job, aptly called 'the drama of the inner life.' The drama of scholarship must ever be a drama of the inner life which will never draw a cheering multitude nor light bonfires."

## FORESTRY CLUB.

The following officers were elected at the close of the meeting on Oct. 20, 1909:

Chief Forester—Irving Gilson.

Asst. Chief Forester—H. C. Hilton.

Chief of Records—G. L. Dimmick.

Ranger—F. G. Wilson.

Hereafter the club will meet every other Tuesday evening, the senior foresters will utilize the intervening Tuesday evenings for general discussion of civil service questions. The questions given out by Prof. Baker will be allotted equally among the seniors; they will be made up in detail and reported on.

The meeting was opened by talks from the men who were on the range last summer. Messrs. Gilson and Bushnell spoke of their work in Utah and Montana. The following talk was given by Mr. J. C. Decamp, who was located in the Kootenai National Forest during the summer:

### FIRST IMPRESSIONS OF A FOREST GUARD.

Take a man from his college studies, let him have a knowledge of tree classification and distribution, let him be able to identify timbers with the aid of a hand lens and pocket knife and their special and particular uses,—just what we are getting this term under Prof. Baker, surveying, botany and the rest of the college program—then pack him off to a national forest, make him walk at top speed all day, or bump up and down on a restless horse over rough trails, make him do his own cooking, his own washing, make him sleep on the ground where night overtakes him even if it rains and the wind tosses the tops of the tall pines, make him work fighting fires until his knees wobble under him, and, above all, put him in charge of a crew of men who were roughing it before he was old enough to walk alone and who probably know more about the work than he does, and you have the duties and responsibilities of a college bred forester, just what every graduate of our forestry department will be up against sometime.

We worked this summer on the Kootenai national forest which follows the Kootenai river, in northwestern Montana, from the Canadian border across into Idaho. The supervisor, an old M. A. C. man, has charge of the forest; under him are rangers, and under them are forest guards, each having definite work to do in the care of the forest. We were forest guards, and we estimated timber, mapped lands, and fought fires.

After passing the civil service examination the forest assistant oversees the work of estimating timber, mapping, etc. He may be by himself or with a crew, or it may be advisor to the supervisor and his representative in various dealings through the forest.

The forest assistant is college trained, since forestry is some day to be a great science in this country. The civil service regulation requires much technical knowledge, but, as forestry is still in its infancy, his work after he passes the examination is plainly practical. As forest assistant Gaylord, who had a crew of men examining Union Pacific lands, said: "They take it for granted you know how to live alone forty miles from the nearest postoffice; so they quiz you on the technical sides."

Yet with the present development of forestry, the living seems to be far more difficult for the college bred forest assistant than the actual work of finding out how many board feet there are per acre. He must learn to live in camp with his men, and to boss them, and if he can't manage them he might as well quit the service.

Practical woodsmen are apt to be suspicious of college training and laugh sometimes at the queer ideas of the forest assistants.

All of us who were out this summer agreed that we never met a finer lot of men than were the old rangers, always ready to explain or to share scant grub or their blankets, or to take another man's work besides their own. But these men must be met on their own grounds; if they can do something particularly well, the young forester whose lot is cast with theirs for the time being must cultivate something—pacing with accuracy, running lines or estimating timber, shooting a rifle—in order to hold their respect.

One of the most important things for a forester to cultivate is *unselfishness*, which sounds Sunday-schoolish but is nevertheless practical forestry. Camp life reveals all sides of a man in a very few weeks; long hard days, from dawn until dark, with camp to stake and supper to get at the end of them; rainy days, with everything wet and miserable; cold mornings with the fire to light and breakfast to cook; each man has to give a little more than his share.

But then there is the bright side when the whole crew is gathered about the fire after supper and the flames rush upwards, and the leaves in the very tree tops quiver; the tall pines and hemlocks cast weird shadows among themselves, and the pungent smoke drifts out over the valley with the wind. Later the fire slumps and it seems good to lie down on fragrant spruce boughs and watch the stars, or a pale cloud drift across the face of the moon just for a fleeting moment, for it is soon morning again and a thousand birds sing wildly of the new day.

Here are three rules learned as a result of the summer's work:

1. Strive with all energy to pass the civil service examination in April, 1910.
2. Practice accomplishing tasks regardless of surroundings.
3. Learn to work with the crew cheerfully and heartily whether in or out of camp.

### A GLIMPSE OF PRACTICAL FORESTRY.

A paragraph from a letter received from one of the last year

forestry men gives a glimpse of a forester's life during the first year:

"A log cabin, 12x16 feet, on the western slope of the continental divide, the interior of which consists of a cook stove, a heating stove (which to-night is red hot), \$40.00 worth of canned grub, a mess outfit, a bunk, two chairs, a table, and me. (You see I include myself as one of the interior fixtures. I have been shut in by a snowstorm for two days until it seems I am a part of this shack.) Outside there is a dozen townships of timber, two feet of snow and plenty of fresh air; that is all. Once in a while I hear a coyote or see tracks in the snow. Yesterday morning I happened to look out of my cabin door while I was getting breakfast and saw three deer nibbling birch brush in the storm, two does and a buck. I have submitted several reports to the supervisor, but have heard nothing from them as yet."

## ANOTHER OPPORTUNITY.

A letter from the U. S. Department of Agriculture has come to our desk relative to a position in New Zealand, which has been made available to qualified applicants in the United States. The position is one of agricultural instructor, with qualifications of lecturing, supervision, inspection, organizing, and a general knowledge of agricultural work, along with practical experience.

The salary offered is 400 pounds sterling per annum, with a three years' engagement. The sum of 40 pounds sterling will be allowed towards cost of passage to New Zealand.

The letter will be referred to Prof. French who will gladly give any further information.

## THE ALPHA ZETA.

(HISTORICAL.)

Below is an extract from an article published in *The Weekly Spectrum*, the official publication of the agricultural college of North Dakota:

"The first chapter was largely of a social nature. The members consisted only of those who had achieved success in some particular line, yet the qualifications included prominence either in class room, athletics, college politics, etc.

"The early history of this chapter is marked by the difficulties which surrounded every new venture. The enthusiasm and pluck of the organizers overcame all these obstacles, however, and we have as a result an organization which has a broad influence, and has accomplished much for the agricultural student.

"The early years of the new Society were not marked by a rapid growth. In 1898 the Morrill Chapter was established at the Pennsylvania State College, and in 1900 and 1901 Illinois and Cornell were added to the list. When Michigan Agricultural College joined the list by organizing the Kedzie Chapter, a new feature was added. With fraternities other than honorary debarred from the M. A. C., by the faculty, it was necessary that Kedzie be honorary, and this arrangement now followed throughout, has accomplished as a direct result higher standards in the agricultural course, and placed it on an equal footing with other lines of science."



# BEAUTIFUL NEW FURS!

## SPECIAL SALE ALL THIS WEEK

Our line of New Furs is now complete, and we want everyone in Lansing and vicinity to see this great display, *all at special prices*

BLUE WOLF SETS, PILLOW MUFF, -	\$25.00	JAP MINK FUR SETS -	\$25 TO \$50.00
BLUE WOLF SETS, RUC MUFF -	27.50	RIVER MINK SETS -	12.50
GENUINE RED FOX SETS -	50.00	RIVER MINK SETS -	18.50
\$60 GENUINE MINK SETS -	40.00	NATURAL CRAY SQUIRREL SETS	\$7.50 TO 20.00
BLACK WOLF SETS AT -	\$30 TO 60.00	\$60 50-INCH RUSSIAN PONY FUR COATS	45.00
BLENDED SQUIRREL SETS -	35.00	\$75 BLACK CARASUL COATS AT -	50.00
BLENDED SQUIRREL SETS -	50.00	\$85 RUSSIAN MINK FUR COATS -	60.00

**JUST RECEIVED - NEW MILITARY COATS AT \$25.00**

**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.

**ELGIN MIFFLIN**

## "COLLEGE SPECIAL"

### SHOES FOR FALL

are certainly there with style. Snappy, nifty, and for service are better than ever.

We repair shoes by electricity.

"Not better than the best, but better than the rest."



## For Anything you may need in the HARDWARE LINE

try

## NORTON'S HARDWARE

111 Wash. Ave. South.

COLLEGE BUS HEADQUARTERS

### DE PAUL vs. M. A. C.

College Field, Saturday, November 6.

This week on Saturday De Paul University meets the Varsity on college field, the game to be called at 2:30.

Last year these teams fought each other to a stand still in a 0 to 0 game, and the game Saturday promises to be a continuation of that battle, as we will have eight men who played in that game, while De Paul will have seven in the line-up. In Kennedy and Burson De Paul has two of the fastest half backs in the west, while last year they had a fast, aggressive line which fought our veteran line to a standstill.

W. A. Draper, of Chicago, at one time all around A. A. U. champion track athlete of the United States, will referee, and A. Ashley umpire. All seats will be reserved, but at no extra charge. Seats on sale at the secretary's office. Game at 2:30. Full 35-minute halves.

Mr. C. E. Bassett, Fennville, Michigan, Secretary of the Michigan State Horticultural Society, called at Horticultural Department of the college last Tuesday and spoke to the senior class on apple growing in Michigan, and also made an announcement regarding the prizes that the society offer for the Students Fruit Judging Contest which is held in connection with their annual meeting. The meeting, this year, will be held at Kalamazoo, December 7th, 8th and 9th.

'06.

Born to L. O. Gordon, '06, Sept. 21st, 1909, a son. Name, Britton Losey Gordon.

### THREE VICTORIES SATURDAY.

Athletics for the many and not for the chosen few, the real idea of college athletics, was the program last Saturday.

Three sturdy teams fought for M. A. C. and all three won. The Varsity defeated the scrappy Culver Military Academy team at Culver, Ind., 29 to 0. The Varsity substitutes played and won from the Mt. Pleasant Normal team, a team which had not been beaten and was considered one of the strongest college teams of the state, 17 to 6, while the scrubs won from Saginaw High school on the local field 5 to 0. It sure was a great day for M. A. C. football.

The Varsity met a game and scrappy team in the Culver men, but was in no danger of being beaten, and, after the first ten minutes, it was simply the size of the score. The first half ended 12 to 0, and during the second half M. A. C. tried forward passes, outside kicks and the open game almost entirely. Stone took two forward passes for long gain; Hill several, one for a touchdown from near mid field which was not allowed, while most of the tricks and outside kicks were fairly successful. Culver also sprung one trick which worked twice for long gains. Hill and Stone at ends played strongly. Capt. McKenna got in several long dodging runs in addition to his accurate forward passing, while Exelby and Cary were good for from 5 to 20 yds. when given the ball. Woodley at left half played a strong defensive game. The squad was splendidly treated by Culver and had a fine time on the trip, staying Friday night at a hotel on the shore of

beautiful Lake Maxinecuckee, and having meals while at Culver at the training table in the Academy barracks.

The Varsity substitutes completely outplayed the strong Mt. Pleasant team and won handily 17 to 6. The back field, Ballard, Johnson, Titus, and Riblett, played a strong game and showed work that would be a credit to the Varsity. Montford and Davis, at ends played splendidly, the former in defensive and the latter especially in following the ball and recovering fumbles. Johnson made two touchdowns and Titus one.

"Bill" Frazer's team played Arthur Hill of Saginaw on the home field and won 5 to 0. The reserves played good ball and deserved a larger score, but luck seemed to favor the Saginaw team. Kishigo, our indian full back, was especially strong, while VanMeter, at quarter, played well. Warner, at end, starred during the game and made the only score by saving the ball on an onside kick.

### LINE-UPS.

#### Varsity at Culver.

Stone.....	L. E.
J. Campbell.....	L. T.
A. Campbell.....	L. G.
Moore.....	C.
Lemmon.....	R. G.
Carey.....	R. T.
Hill.....	R. E.
Cortright.....	Q. B.
Woodley.....	L. H. B.
McKenna (Capt.).....	R. H. B.
Exelby.....	F. B.
Touchdowns—Exelby 3; Carey 2.	

#### Varsity Subs. at Mt. Pleasant.

Montford.....	L. E.
Morlock.....	L. T.
McWilliams, Hansen.....	L. G.
McDermid.....	C.
Horst.....	R. G.
Sanford (Capt.).....	R. T.
Davis.....	R. E.
Riblett.....	Q. B.
Ballard.....	L. H. B.
Johnson.....	R. H. B.
Titus.....	F. B.
Touchdowns—Johnson 2; Titus 1.	

#### Reserve Team at Home.

Warner.....	L. E.
Pingle.....	L. T.
Caplan, Culver.....	L. S.
Jahrus.....	C.
Burns.....	R. G.
Bancroft.....	R. T.
Benge, Carey.....	R. E.
Van Meter (Capt.).....	Q. B.
Esslyston, Hough.....	R. H. B.
Johnson.....	L. H. B.
Kishigo.....	F. B.
Touchdowns—Warner 5.	

ex '07.

Ross Buck who spent two years at M. A. C., but later graduated at Purdue has been in the same department with Markham in the Philippine Islands. He returned by way of Europe visiting Italy and Egypt, landing in New York City Oct. 7th. He has accepted a position in the government testing department at Lafayette, Ind.

With '09.

B. F. Kindig, with '09, is superintendent of the Waterford school at Goshen, Ind. Address communications care Hattle hotel.

'11.

C. A. Ross, '11, took an active part in the cadet review of the West Point military academy at the Hudson-Fulton celebration.



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

### THE REAL TESTS

Of good underwear are warmth, wear and washing. Warmth means wool and plenty of it, or a fine cotton fabric closely woven. Wear is too often a matter of conjecture. The washing qualities can only be demonstrated in the tub. Good underwear is warm, soft, firm and non-shrinking. It is for these essential qualities we recommend our "Munsing" underwear. It is thoroughly good, perfect fitting, all flat seams, which makes it comfortable, and its wearing qualities makes it the most satisfactory underwear at popular prices that can be produced.

LADIES' UNION SUITS—\$1.00, \$1.50, \$2.00, \$2.50, \$2.75 and \$3.00  
MEN'S UNION SUITS—\$1.00, \$1.50, \$2.50 and \$3.00

LADIES' SEPARATE GARMENTS—50c, 75c, \$1.00, \$2.00  
MEN'S SHIRTS AND DRAWERS—39c, 59c, and \$1.00 each

J. W. KNAPP & COMPANY.

#### TAU BETA PI.

Friday morning the newly elected candidates for Tau Beta Pi appeared upon the campus wearing the fraternity colors, brown and white and the emblem, consisting of a gilded bent. In the afternoon they were required to survey and calculate the area of a plat on the campus, one course of which passed through College Hall. Saturday evening they were tendered a banquet in Club E, at which about twenty-five students and faculty members were present. Dean G. W. Bissell acted as toastmaster, and toasts were given by Prof. A. R. Sawyer, Prof. H. H. Vedder, Prof. V. T. Wilson, A. L. Sobey, P. H. Piper, and G. P. Burkhart. The newly elected members are: G. P. Burkhart, '10; T. A. Jordan, '10; L. W. Dougherty, '10; J. L. Shaw, '10; W. G. Hobbs, '10; R. W. Powell, '11.

#### LOST IN THE HUDSON BAY COUNTRY?

A dispatch from Madison, Wis., to the Associated Press, under date of October 10, said: "Professor C. K. Leith of the department of geology of mines (of the University of Wisconsin), who is at the head of a party investigating rock formation near Hudson Bay and supposed to be working in the interest of the Canadian government in a search for ore, is believed to be lost in the Canadian wilds. No report of any sort has been received since the party entered the wilds of Northern Ontario. They were expected back the latter part of September. The party, consisting of Prof. Leith, Hugh M. Roberts of Superior and Francis S. Adams of Deerwood, Minn., left Madison in early June. It is supposed the party is somewhere in the vicinity of James Bay."

NOTICE.—All communications concerning subscriptions to the RECORD should state the address of the subscriber. In case a change of address, the former address in full should be mentioned as well as the latter.

#### FARMERS' CLUB.

The Farmers' Club has opened its work with renewed vigor this fall. Many new plans have been put into operation, and as a result there has been a greater interest taken, and an increased attendance. Much interest is shown in the general discussions which have been made a part of every program.

The officers are busy planning for the excursion in December to the International Live Stock Exposition. A delegation of about thirty have signified their intention of attending this year.

Meetings are held every Tuesday evening at 6:30 in the agricultural lecture room. All students both old and new, who are interested in agriculture are cordially invited to attend.

Married, at Jackson, Oct. 20, 1 p. m., Miss Florence McLouth, of Addison, to Mr. W. W. Lawrence, of Lansing. Miss McLouth is Dr. Beal's niece.

CALL ON  
**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**

NEW FALL STYLES  
Misses' and Women's Coats, Dresses, and Suits.

M. A. C. Gymnasium Suits for Young Ladies, \$3.50

RUGS --- CURTAINS --- ROOM FURNISHINGS

**SIMONS DRY GOODS CO.** 104 Washington Avenue South

Filing Cases, Book Cases, Inks, Pens, Pencils  
**ALLEN PRINTING CO.**  
111 GRAND AVE. SOUTH  
Printing and Office Supplies  
Bell 1094 Automatic 4006  
Carbon Paper, Typewriter Ribbon, Loose leaf Books

Engraved  
Cards  
Fine  
Stationery

#### To the New Men

Get your Foot Balls, Sweaters, Jerseys, and all Athletic Goods at

**LARRABEE'S STORE**

#### 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. Enric—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. 106 Washington Ave. S.

#### CLOTHING.

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

H. KOSITCHER & BROS.—Clothing, Furnishings, Dry Goods. 113 Washington Ave. N.

LOUIS BECK.—Clothing, 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 3102; residence, 3303.

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 store. Opposite Hollister Block.

#### DRY GOODS.

DANGER, 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.—104 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 Tonia 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 combings. 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. LANDON, Agricultural College, Mich. Office hours: 7 to 8:30 a. m.; 12:30 to 2 and 6:30 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.