

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 11.

LANSING, MICHIGAN, TUESDAY, JAN. 23, 1906.

No. 18

## STEREOPTICAN LECTURE.

Mr. L. E. Buell, state secretary of the Y. M. C. A., will give a stereoptican lecture in the college chapel Sunday evening January 28. Mr. Buell has views illustrating Y. M. C. A. work in all its departments, among which are several taken at Lakeside conference and the many summer camps around the state. This lecture will be entertaining and instructive to all who may attend.

## FARMERS' CLUB.

The M. A. C. farmers have now issued their program for the winter term. The list of men on that program certainly offers a tempting morsel to the eager eye. Every agricultural student, including the specials, should carry a program in his pocket and every Tuesday evening see that he is a member of the crowd attending the meeting.

The subject of last Tuesday's discussion was "Scientific Investigations in Agriculture," presented to the club, by Dr. C. E. Marshall. The paper was highly instructive and within the grasp and appreciation of all that heard it. The doctor showed that all scientific investigations meant the search for nature's laws and that science itself was nature. He made it clear by a vivid comparison with the miner and his hunt for gold, that scientific research in agriculture meant an everlasting pounding at the rock of hidden laws; that knowledge of these laws were gained a little at a time, as the miner picked the "bits" of gold from the rock, each little nugget requiring mighty effort. The paper was well worth the standing vote of thanks given it by the club.

The club holds its meeting in the Agricultural building. All are expected to attend.

## Y. M. C. A.

In one of the strongest meetings of the year Mr. Sackett, Instructor in Bacteriology, gave a talk on the principles that are necessary to a successful life. The theme of Mr. Sackett's address was from the following lines by Tennyson—

"Four things a man must learn to do  
If he would make his calling true;  
To think without confusion, clearly;  
To love his fellowmen sincerely;  
To act from honest motives purely;  
To trust in God and heaven securely."

These four great principles of life were dwelt upon by the speaker in a way both fascinating and inspiring.

The students were fortunate in the privilege of hearing President Lancaster, of Olivet College, again Sunday evening. The message Dr. Lancaster brought to the people of M. A. C., was "Putting First Things First." The duty of the College man to society was emphasized in a most forceful way.

"Man owes more to society than he can pay. The man with the technical training must narrow him-

self down to his calling alone, neglecting all else. He owes it to society to feel a responsibility for the progress of the world, and the welfare of his fellow men." In President Lancaster's own way he made a lasting impression on the body of the young people who were so fortunate as to hear him.

Thursday evening the men of the College are invited to the chapel to hear Melvin E. Trotter of the Grand Rapids Rescue Mission tell the story of his life. Mr. Trotter has had an experience that falls to the lot of few men and tells of it in a way that is of interest to all.

## DEBATING CLUB.

All those who attended the Debating Club last Thursday night enjoyed a very interesting discussion of the Primary Reform Bill. The question was, "Resolved, That the Michigan Primary Reform Bill is adequate to the needs of the state." The affirmative was upheld by Prof. Gunson and the negative by Prof. Rider. Not as much antagonism was displayed by the opposing sides as was anticipated, but it resulted in a more thorough exposition of the merits and demerits of the bill.

After the close of the constructive arguments, the question was opened to the members of the Debating Club and others. The decision of the judges was unanimous in favor of the negative.

Next Thursday evening President Roosevelt's policy regarding the Niagara Falls will be debated. It is not often we are able to secure debaters from among the co-eds, and it is hoped that every one interested in this matter will be present.

## FOLLOWING THE IDEAL.

"A yearning for growth, a longing for expansion, is a sign-manual of nobility. There are great possibilities for a young man or young woman who constantly reaches out for something larger, and aspire to something higher. Without a desire for something better, or reaching up to nobler ideals, there can be no growth. The person who feels that there is that within him which is larger than what he does, which longs for a higher and fuller expansion, and which is struggling for more light, is made of superior stuff.

"There is no failure for the one who persistently struggles upward as well as outward; for purpose and aspiration make success. A passion for truth, or a thirst for expansion, is an evidence of the immortal fire within, which cannot be extinguished by poverty or misfortune."—*Success Magazine.*

## Y. W. C. A.

Miss Ella McMannus conducted the Thursday evening meeting. Miss McCormick rendered a vocal solo very nicely. Miss McMannus then gave a very interesting talk on Divine Happiness. A short business meeting followed.

## ATHLETICS.

In the first home basket ball game of the season M. A. C. won from Adrian college Thursday evening before a good sized crowd by the score of 43 to 18. M. A. C. played exceptionally well, for the first game, especially when it is taken into consideration that three of the players are first year men. The individual work of the visitors was as good or better than that of M. A. C., but the good team worked and fast passing of the home players was too much for them. Capt. Gray did the best work for the visitors. To mention those who played well for M. A. C. would be to mention all, for the team as a whole played a good steady game. The best of feeling prevailed throughout. Following are the names of players:

M. A. C.		ADRIAN
Vondette	Center	Laughlin
Capt. Krehl	Forwards	Gray (Capt.)
Dickson		Brittain
Westerman	Guards	Obee
Hanish		Jones

Field baskets, Krehl 6, Dickson 4, Vondette 9, Hanish 1, Gray 2, Brittain 3, Laughlin 2.

Free throws, Krehl 3, Gray 4.

Flint was scheduled for a game here next Friday evening, but word has been received that they cannot come until later in the season. In place of this game one has been arranged with Albion so that we are certain of a good game on that date, January 26.

Calls were issued for the various athletic teams the past week, and large squads of men have reported for indoor, tumbling, track and cross country work.

In the cross country and track men the prospects are very bright, eighty-five candidates having already shown up.

E. C. Place '05 called at the office yesterday and stated that he had just accepted a position as laboratory assistant in the chemical laboratory of the Ames experiment station and leaves for his field of labor Thursday. His work will be under L. G. Michael '02.

The Tic-Olympic party held in the Armory Saturday evening, was a very enjoyable affair. The room was prettily decorated in red, white and blue. Baker's Orchestra furnished the music. Dr. and Mrs. Waterman and Mr. and Mrs. Brewer were the chaperons, Mr. and Mrs. Ryder were guests.

The faculty, instructors and subordinate officers were called together by Pres. Snyder Friday evening to further discuss the matter of the Memorial building, semi-centennial meeting, etc. At this time it was voted that the committees already appointed be continued and that the committee on Memorial building, of which Dr. Waterman is chairman, be instructed to formulate plans for the soliciting of funds and to report progress from time to time. Prof. Babcock was made secretary of the meeting and instructed to include the deliberations in the minutes of the faculty.

## ALUMNI.

There was an informal but very pleasant meeting of the boys at the residence of Harris E. Thomas '85, Seymour St., Lansing, on Thursday evening Dec. 28. There were present, and personally accounted for Prof. F. S. Kedzie '77, Frank F. Rogers '83, Arthur C. Bird '83, Archie M. Emery '83, J. Deloss Tower '83, Clarence E. Smith '84, W. V. Sage '84, W. L. Kirby '84, Charles B. Collingwood '85, Harry P. Gladden '85. An evening filled with much good talk, a fine supper, a hearty God speed and a desire to meet some more.

'01.

Announcements have been received of the marriage of Gordon Tower, of the above class, to Miss Bessie Geraldine Leeds, of Orono, Me. The ceremony was performed at Portland, after which the young couple returned to Orono, where Mr. Tower is connected with the Maine Agricultural College as professor of forestry.

'01.

Greetings have been received from Margaret Louise Shoesmith, daughter of Prof. and Mrs. Shoesmith, of Manhattan, Kans., born Jan. 11.

'91.

At a recent meeting of the Capital City Dental Society, Lansing, both the president and vice-president elected for the ensuing year were M. A. C. men. Dr. A. F. Gordon, of the above class, also a graduate of dental surgery at Ann Arbor, was elected president, and Dr. N. H. Moore, '93-'94, a graduate of a Chicago dental school, was chosen vice-president.

'05.

Miss Helen Baker, who has been for some time with Crotty Bros. in Lansing, is now assistant principal in the Holly public schools.

T. A. Farrand, formerly superintendent of the South Haven Experiment Station, and Mr. C. J. Monroe, of the State Board, will speak to the students in horticulture on commercial orcharding early in February.

H. H. Barnum, a special student in general agriculture, had the misfortune to break his ankle Friday while using the vaulting horse in the gymnasium. He was taken to the hospital where he will receive the best of attention.

A portion of the program of Capital Grange for last Saturday night consisted in a review by three of its members of Ray Stannard Baker's articles on the railroad, published in McClure's magazine.

The Sororian society gave an eleven o'clock party Saturday evening, the 20th. The rooms were decorated with society banners, Persian rugs and ferns. Pres. and Mrs. Snyder and Mr. and Mrs. Hal Reed acted as chaperones.

THE M. A. C. RECORD.

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

E. A. FAUNCE, MANAGING EDITOR  
 ASSOCIATE EDITORS.  
 E. A. WILLSON, '07.  
 H. S. CODY, '08.  
 R. H. GILBERT, '08.  
 I. E. PARSONS, '07.  
 R. A. TURNER, '08.  
 GRACE WARNER, '08.  
 CAROLINE LAWRENCE, '06.  
 FLORENCE GILBERT, '07.

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. 23, 1906.

FOLK-SONG CONCERT.

The concert given by the M. A. C. chorus Friday evening was a decided success, each number being received with enthusiasm. While all the chorus songs were good, the Scotch (Blue Bells of Scotland, Annie Laurie, and Comin' Thro' the Rye), the German, and American Suwanee River were especially well received. "Way Down South in Dixie" was sung with a vigor, the 100 voices giving to it the jingle so characteristic of our singers of the south.

Miss Porter of Lansing sang "Comin' Thro' the Rye," and the Irish "The Last Rose of Summer," both of which were much enjoyed. Miss Porter has a very pleasant voice and her singing is always appreciated by M. A. C. people.

The two selections by Prof. King were "The Quarrel Scene from Julius Caesar" and "The Charity Dinner," each of which were heartily encored.

The trombone selection, Home Sweet Home, by Mr. Halleck was well received, as was also the encore, "Rocked in the Cradle of the Deep."

The able manner in which the accompaniments were rendered by Miss Avery contributed much to the success of the evening's entertainment.

The success of this concert should certainly be very gratifying to the members of the chorus and great credit is due Miss Freyhofer for her careful, untiring work as director. The last number on the program was America, in which the audience was asked to join, and all left voting the entertainment one of the most pleasant of its kind ever given.

LIVE STOCK MEETINGS.

(Continued from last week.)

At the close of the association meeting Wednesday afternoon the following resolutions were offered:

Resolved, That the Michigan Association of Breeders of Improved Live Stock, recognizing the cordial welcome extended to its members by the president, faculty, and the state board of agriculture, and the facilities afforded for holding its annual meeting at the Agricultural College, would hereby place on rec-

ord its hearty appreciation of the courtesies and hospitality so generously offered, and return their heartfelt thanks therefor. The closer union and better understanding brought about by this meeting at the College will, we thoroughly believe, result in great good to the live stock interests of the state, and a better appreciation of what the College can and is doing for Michigan agriculture. We also believe that this Association so far as it can, should labor to advance the interests of the College, and aid in its growth, to the end that it may still farther foster the development of the agriculture of the state along its several lines. We recommend to the legislature greater liberality to the College in the future, believing that it will have a far-reaching influence and of a most beneficent character, upon the great producing interests of Michigan. We believe the College worthy of this evidence of confidence, and that it will prove a most excellent investment for the people of the state.

THE DEBATING CLUB.

As an advertisement—during this moment of rather heightened interest in the matter—of the worthiness of debating I have been asked, probably as one of the oldest members of the debating club, to set forth the merits of this mode of speaking. I mention a few somewhat hastily because the attractions of debates are numerous. As a means of communicating information debates throw emphasis upon the use of facts. The veriest beginner soon learns that expression of opinion, fanciful conceits, random quotations, etc., tell but little with the judges and tire the audience. Debates afford an opportunity for combative victories in the realm of mentality much as foot-ball and other sports do in that of the physical being. Convincing utterance, persistently dwelt upon, claims attention from the judges and also affords a training for the debater to win successes within other walks of life.

The strategy of debate requires careful consideration and planning to insure success, and the team work necessitated requires a suppression of self and a co-operating spirit of greatest usefulness in achieving human ends. Finally coolness and resourcefulness are developed in the unexpected requirements of the rebuttal by which an opponent's prepared debate is overthrown. During the rather lengthy succession of years during which the debating club has lived those of us who have regularly attended have noted the development of something resembling rules for successful debating, or at least the sloughing off of some hindrances, which shows progress in the club as a whole. Some individual members have made progress that may be measured. The club upon the whole now shows a vitality and enthusiasm which is an improvement upon the enthusiasm of its initiators. Its speakers have always been volunteers and no membership tests nor especial rewards for membership have ever been used. That so informal an organization should have persisted so long speaks well, methinks, for the underlying interest in debating among our students and promises well for the future of the club. W. O. H.

The following list of questions will be discussed in the Debating

Club this term. Members of the club having any preference should see the program committee at once.

January 25, Resolved, that President Roosevelt's policy regarding the Niagara Falls should be adopted.

February 1, Resolved, that the present agitation against football is justifiable.

February 8, Resolved, that the parliamentary system is preferable to the congressional system.

February 15, Resolved, that the Canadian system of Public School control should be adopted in Michigan.

February 22, Resolved, that the rights of citizenship should be restricted to members of the white race.

March 1, Resolved, that the Wisconsin system of controlling the State Institutions is preferable to the Michigan system.

March 8, Resolved that the opening up of Indian Reservations to settlement is unjust.

March 15, Resolved, that the present naval policy is adequate.

Don't forget that Ralph Parlette will lecture in the armory Feb. 2d. Mr. Parlette does not pose as a "funny man." He writes and speaks in desperate earnest, but wit and humor beam from almost everything he says and does. Parlette's name is synonymous with a good time. Come and hear him.

Mrs. M. E. Townsend died at her home in Onondaga, Mich., on Jan. 21. She was the mother of C. E. Townsend, who died at the College several years ago. The son was a member of the Columbian Literary Society, and Mrs. Townsend never failed to visit the society when at the College.

A Piano recital will be given by music students of the College, in the parlor of the Women's building, Saturday, Feb. 3, at 7:30 P. M. The program will be published in next week's issue. All students of the College, as well as members of the Faculty and College community, are cordially invited to attend.

Mr. Hogue recently received a letter from Phil Wessels, '05, now of Rhode Island Experiment Station. Phil asks that his friends be notified that he was looking well the last time he was seen. He states that he received a visit from Schaefer of New Jersey, a short time ago who is also enjoying life.

Mr. E. B. (room 35) awakened a night or two ago to find himself several doors down the hall. His first thought seemed to be that of "kid-napping." He finally decided, however, that his friends thought of a more desirable place for his bed and so quietly did they move the same that he was not disturbed.

Prof. G. N. Keller, recently of the Experiment Station of Kentucky called at the Experimental Station the past week and upon Prof. Sawyer whom he had met in the South. Mr. Keller is employed by the government of Ireland to study the possibilities of growing tobacco on Irish soil and is making a study of the conditions as they exist in the U. S.

Between halves in basketball Thursday evening sweaters were awarded to the football men as follows: McKenna received his fourth monogram, Doty and Small their third, McDermid, Boomsliter, Fisk and Holdsworth their second, Kratz, Boyle and Wright, who received

an R last year, their first, and Parker and Frazer each received an R.

A most interesting paper on "Prevailing Conditions in Russia" written by Mr. Rosen our Russian student was presented at the meeting of the Woman's club on Jan. 8. The paper brought out most impressively the grievances of the peasant class, although it was read by Mrs. Ryder, Mr. Rosen was present and kindly answered various questions concerning his country.

It is expected that the arc lights so long talked of and hoped for will soon be installed. They are to be placed at the corners of the three principal streets leading from the College campus. The State Board has consented to pay for the current used during the trial period of three months, the persons interested to install the lights. The material has been ordered and it is expected to have everything in readiness before very long.

At the Michigan Millers' Association held in Lansing the past week, the Experiment Station presented an exhibit of different kinds of wheat which the station grew and also results of experiments testing the influence of soil on the quality of the wheat. An exhibit was also made of the weeds which most affect the quality of flour when their seeds are mixed with the grain. The Association voted to meet here again next year and desired to hold their banquet at the College.

B. T. Hesse, '03, was here for one of the parties Saturday evening and returned to his home yesterday morning. Mr. Hesse is an enterprising farmer of Napoleon, one who entered M. A. C. with the avowed purpose of returning to the farm and never changed his mind. We are sure that Mr. Hesse is getting more out of his work and more enjoyment out of life in that work than he would ever have done had he not attended college. We are reasonably sure that if asked whether or not a college education pays, he would make essentially the same statement as that made by S. B. Hartman in our issue of December 19.

Mr. John Scott, janitor at the library building, and family narrowly escaped asphyxiation at their home in Lansing Friday evening of last week. Escaping gas from a coal stove was the cause. Mr. Scott arose and made an attempt to dress, but was so overcome with the fumes that he dropped back upon the bed. Just at the time the milkman arrived the oldest daughter, Annie, managed to call his attention to their condition. He then called in some of the neighbors who in turn summoned a doctor, meanwhile opening windows to admit fresh air. It was not until nearly ten o'clock that the doctor arrived, during which time both Mr. and Mrs. Scott were unconscious. All were confined to the house during Friday, Mr. Scott stating that never before had he suffered such a splitting headache. But for the timely call of the milkman, results might have been far more serious.

Mother: "Don't you dare to use such language! I'm ashamed of you!"

Bright boy: "Why, ma, Kipling uses it and he's —"

"He does? Then don't you ever play with him again."

**FOOD CHOPPERS**

Universal  
and  
Griswold

Both good and well known.

No. 1 size 90c      No. 2 size \$1.25  
No. 3 size \$2.00

**NORTONS HARDWARE**  
111 Wash. Ave. South.

EVERY KIND OF  
**FURNITURE**  
FOR YOUR ROOM.

Cots      Folding Beds  
            Mattresses

Book Cases      Desks

All Goods Delivered Free.  
**M. J. & B. M. Buck.**

**THE Guyer Hat**  
FALL-1905



We are showing an unusually attractive line of

**Overcoats & Cravenettes**

Feel certain can save you money and at same time give you latest and best

**Spalding Sweaters and Supporters**

**Elgin Mifflin**

FOR SALE BY

**A t h l e t e s**

Are the Best Judges of  
Bath Towels. That's Why

**...Harvard, Yale, Princeton...**

and the Leading Athletic Associations

throughout the country use **RUB DRY BATH TOWELS** regularly. Students will find Rub Dry Bath Towels for sale by

**JEWETT & KNAPP**  
See South Window Display.



Men's...  
**\$2.50**  
..Shoes

\* You will recognize the goodness of these Shoes at a glance. \* The patterns are new, and the wearing quality excellent. \* They have a snap and style unusual at this price.

<b>VICI KID</b> For dress wear, light sole.	<b>BOX CALF</b> For business wear, heavy sole.
---	--

We are pleased to show them. **C. D. Woodbury's Shoe Store**  
HOLLISTER BLOCK

**ABOUT THE CAMPUS.**

A house is to be built in the park for the comfort of the deer.

Prof. Bogue is doing institute work Friday of this week.

W. P. Wilson spent a day or two in the hospital the past week.

Harry Oven, '05, spent Saturday and Sunday with College friends.

Pres. Lancaster of Olivet was the guest of Pres. and Mrs. Snyder over Sunday.

For information about the law of "Boyle" enquire at Room 31 Women's Bld.

John J. Trix of Detroit with '91, called at the college Jan. 19, for the first time in 15 years.

Mr. O. M. Monroe, of Cheboygan, is visiting his daughter, Mrs. W. C. Finn, College Heights.

Vincent Williams '08 (m) was called home the past week on account of the illness of his father.

The sophomores won from the seniors in the first inter-class baseball game by the score of 26 to 23.

Mr. Chas. Benn, of Jackson, Mich., was the guest of George Hunn, '09m, several days the past week.

Just a little more snow, please. Then we'll have the best of sleighing. **LATER.**—Just when you have it, it's gone.

The botanical department has purchased 615 specimens of wood including 41 different kinds. These are to be used by the students of forestry.

Mr. Arthur Potts, who has been sick at his home east of the College, is on the gain and will soon be around again.

Jas. Satterlee '68, and cousin called on College friends Saturday. Mr. Satterlee is now located at 306 Ottawa St., Lansing.

Miss Hannah Bach, of Sebewaing, a former student and assistant instructor in music, visited College friends the past week.

Miss Alice Earl was confined to her home several days last week (?) No it wasn't the toothache, although her face was badly swollen.

Jacob A. Riis will lecture on "The Battle with the Slum" at the church of Our Father, Thursday, Jan. 25, at 8 P. M. Admission 50 cents.

Instructor Leonard, of the mechanical department, has been ill at his home in Lansing, but was reported yesterday as on the gain.

The work of securing names and addresses of alumni and old students has been inaugurated and the returns so far are very satisfactory.

E. B. McKenna has dropped out of college for the present. He is employed as draughtsman for the New Way Motor Works, Lansing.

In the second of the inter-class indoor baseball games Saturday the juniors won from the sub-freshmen by the close score of 20 to 19.

Prof. Fletcher gave a talk before the Horticultural Society at South Haven on the 16th, and attended a farmers' institute at Augusta on the 17th.

Mr. Doane, one of the carpenters, had the misfortune to lose the end of his thumb while working at a saw in the carpenter shop one day last week.

Various things have interfered with the starting of the Electrical club this winter, but is hoped to have a good meeting this Tuesday evening.

Geo. C. Wagner '09a entertained the mumps and tonsillitis nearly two weeks after New Years, but is again at his studies having returned the past week.

Chas. A. Mosier, a former special student and asst. in the Exp. station called at the College the past week while on his way from California to the East.

The thermometer registered 62 on last Saturday. Frogs were seen hopping about the pond in the botanic garden, something very unusual for January 20.

Lansing people enjoyed very much the chorus concert given last Friday evening. Lansing Journal of Saturday speaks in highest terms of the entertainment.

About 1,000 specimens of the collection of plants recently purchased from Prof. Chas. A. Davis of the forestry department of Michigan, has been received.

A. N. Robson, '05, is engaged for a few weeks with the Forester of the Cleveland Cliffs Iron Co., in the northern part of the state. He will be near Grand Marais most of the time.

There are more students enrolled in the three short courses this winter than in all four last year. Quite a number of inquiries have been received from cheese men.

Teacher (in freshman sewing-class)—"Give a description of the appearance of a wool fibre.

Student—Do you wish me to describe the personal appearance?

L. J. Smith and J. E. Fisk, of the senior class, have been engaged to instruct the short course students in blacksmithing in place of Mr. Munden, who was unable to continue the work.

Secretary Brown took up the question of railway taxation before the political science club at its last meeting. Much interest was manifested and the discussion brought out some interesting points.

An exhibition game of baseball between the juniors and seniors was played Thursday evening as a curtain raiser to the basket ball game. The game resulted in a victory for the seniors. Score 18-22.

H. F. Tuttle '05, assistant in bacteriology the past term, has accepted a position with the Ray Chemical Co. of Detroit and left Wednesday of last week for his new field of work.

It is reported that the representatives of the Big Nine colleges at a conference in Chicago recently decided to abandon the game of football for two years unless radical changes are made in the game as now played.

**THE TOILERS OF THE FIELD IN RUSSIA.**

(Continued.)

The governing classes every time succeeded in suppressing these "rebellions of the slaves" and brutally took vengeance on the people's heroes. Thus Stenka Rasin was ordered by the Czar to be cut in pieces alive and his flesh was fed to the Czar's dogs. Merely talking or writing about abolition of serfdom was regarded as a crime until the middle of the last century, and many an honest man perished in the wilderness of Siberia or in the dungeons of the St. Petersburg fortress for denouncing slavery as an inhuman and unlawful institution.

Under the force of certain circumstances which I cannot detail here serfdom was abolished in 1861. It was a remarkable period in Russian history—the sixties of the last century. Such an upheaval of altruistic feeling, such a tide of revival, happens only once in a century in the life of a nation.

The Crimean war was over. Russia was beaten. The shadows and evils of her political and social life became evident even to our shortsighted rulers. Alexander II inaugurated an era of reforms. Not only were 22 millions of serfs liberated but wide and generous reforms were planned and partially introduced in nearly every branch of the national life. But the honeymoon of Russian liberty was soon over. Alexander was frightened by his own liberalism and began to move backward. In the first place hundreds of schools, especially night and Sunday schools where grown up people were taught by students and other volunteers, were closed; a series of other reforms were cancelled, and when it came to realizing the most important reform, the supplying the liberated peasants with land, it appeared that the landowners, under the protection of the government, played a foul game with the former serfs; they were made to pay extortionate prices for the poorest and in many cases absolutely worthless land. The quantity of land available was in many cases not sufficient even to produce enough bread for one family. In 90 instances out of 100 the land did not produce enough to pay the extortionate taxes imposed by the "liberators", and the peasants were forced to send some members of the families to the factories which began to spring up all over the country owing to the presence of cheap and "Free" labor.

Inasmuch as (1) the land did not belong to the individual farmer, but to the village community (miz) and with the growth of the population the same quantity had to be divided and subdivided in smaller and smaller parts; (2) the peasants were, and to a great extent are, ignorant and have no idea about modern methods of agriculture; (3) the land not being properly cultivated and remaining without any manure was exhausted to the last extreme; (4) the selfish and irresponsible government by all means strove to darken the minds of the people, fearing that the enlightened slaves might rebel and break the chains by which they were bound hands and feet; therefore, the peasantry, especially in the eastern part of the country where the manufacturing centers are far away, was in the full sense of the word, brought to a state of starvation.

Mr. Ernest Pool, in a recent article in one of the December issues of the *Independent*, gives a picture exceptionally true in every particular to the present conditions of life in rural, and especially eastern rural, Russia. He quotes an old starving peasant.

"Now this place is ten times worse. Now they (his children) think they will sneak off again and find some place where land is rich and given away. Then they will send for me. *And after that I will eat all I want—soft food and soup, so my gums will stop bleeding. This is what I always think about!*" Farther the author says, "I felt his old body, just a frame of bones. His faded eyes betrayed unmistakably the intense pains from the stomach that 'jumps up and down.'"

There is not even a bit of exaggeration in the article referred to. It is not an exceptional case either. In this state of starvation actually live thousands and thousands of human beings. And these are the localities from which the papers report the pillaging of the land-owners by the peasantry.

Every time I read these reports I think, "Heavens, what would I, myself, with all my principles of honesty, do if forced to live under the conditions described." Perhaps I would jump into the river or (would) blow out my brains; but when hundreds of thousands of men with their wives and children year after year live with stomachs that "jump up and down," when they can find relief only in *dreaming* about the time when they will have soft food and soup and their gums will stop bleeding,—then the only thing they can do is to rob and pillage. . . . And no punishment is severe enough for those who are responsible for the present conditions. For, indeed, they have sown the wind and therefore they must reap the whirlwind.

The Senior Engineering Society has been a little delayed this year in getting into operation, owing to the illness just at Christmas of its president, Mr. Kingscott. The first meeting of the year was held on Wednesday evening, at which time a program committee was appointed. Papers were read by Messrs. Rasmussen and Liverance on Salt Production and Reduction of Zinc. Meetings will be held regularly on Wednesday evenings.

O. C. Simonds, the eminent landscape gardner of Chicago, has been engaged to submit plans for the improvement of the campus. He will make a two-days' visit during next month and will visit the campus again during April or May. His suggestions will be incorporated in map which will be submitted to the Board for approval. Having once provided a plan, it will be faithfully followed in the future work of the campus.

**J Hop Flowers**

IT IS

**PRICE**

that talks when money is scarce. I am able to furnish flowers at a price much lower than any you will be offered. Best selected stock. This is no joke.

**W. W. HITCHCOCK.**

CALL ON  
**LAWRENCE & VANBUREN PRINTING CO.**  
WHEN IN NEED OF  
**DANCE PROGRAMS or SOCIETY PRINTING.**  
122 Ottawa St. E.

**Stalker Prints**  
"Sweet" Dance Programs  
Fine Stationery  
and other good things.  
117 Michigan Avenue West  
Ground Floor.

**Correct Clothes For Young Men at The Clothes Shop**  
**BRUCE N. HICKEY,**  
120 N. Wash. Ave.

**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, Propr.

**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.

**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.

**BOOK BINDERS**  
**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.

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

**CROCKERY AND GLASSWARE.**  
**H. LARNED,**—China, Glass and Lamps. 105 Washington Ave. S.

**DENTISTS.**  
**A. F. GORDON,** D. D. S. M. A. C. '91, U. of M. '01. 218 Washington Ave. S. Phone, Citizens 681.

**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, 261.

**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.  
**GOTTLIEB REUTER,**  
Washington Ave. South.

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

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

**DRY GOODS.**  
**THE JEWETT & KNAPP STORE,** Dry Goods, 222-224 Washington Ave. S.

**ELECTRICAL SUPPLIES.**  
**CAPITOL ELECTRIC CO,** Electrical Supplies, Telephone Instruments and Telephones, 117 Mich. Ave., E.

**FURNISHING GOODS.**  
**ELGIN MIFFLIN,**—Ladies' and Gentlemen's Furnishing Goods. See ad.

**FURNITURE DEALERS.**  
**M. J. & B. M. BUCK,**—Furniture. Cor. Washington Avenue and Ionia Street. See ad.

**HACK AND BAGGAGE LINES.**  
**ORDER** your hacks for parties at Carr's Hack Line. Livery in connection, 410 Washington Ave. N.

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

**INSURANCE.**  
**THE DYER-JENISON-BARRY CO., LTD.** (Incorporated) Hollister Block. All kinds of the best insurance. Strongest agency in city.

**JEWELERS.**  
**CHAS. A. PIELLA,** Jeweler and Optician, 121 Washington Ave. N., Lansing, Mich.

**LAUNDRY.**  
**THE AMERICAN LAUNDRY** solicits a share of your patronage. Remember the number. 309 Washington Ave., S. New Phone No. 420. Julia Findley & Edwin Lewis, Props. S. W. Doty and I. D. Smith, College Agents.

**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.

**MILLINERY.**  
**FOR** Fine Millinery go to No. 226 Washington Ave., S. New Phone 112.

**MUSIC, PIANOS, ETC.**  
**GRINNELL BROS.** Pianos, Organs and everything in the line of music, 219 Washington Ave. N.

**GO TO BAKER MUSIC CO,** for the up-to-date sheet music.

**PIANO TUNING.** J. Parker. Action Work a Specialty. Teacher of Violin and Saxophone. Parkers' Orchestra, 119 Pennsylvania Ave. N. Citizens' phone 689. Lansing, Mich.

**OCULISTS.**  
**CHAS. G. JENKINS, M. D.**—Diseases of Eye, Ear, Nose and Throat. Hours, 9 to 12 a. m., and 2 to 5 p. m. Citizens Phone No. 1030. Rooms 2-3-204 Prudden Block.

**PHYSICIANS.**  
**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.

**DR. H. W. LANDON.** Office and residence, M. A. C. Office hours from 7 to 8:30 a. m., and 12:30 to 2, and 8:30 to 8 p. m. Sunday office hours 4 to 5 and 7 to 8 p. m. Now phone 1560.

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

**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.

**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.