

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 16.

LANSING, MICHIGAN, TUESDAY, NOVEMBER 29, 1910.

No. 11

## UNION THANKSGIVING.

A union Thanksgiving service was held Thursday evening in Chapel at which various persons took part.

Miss Williamson was called upon and responded by reading the Governor's Proclamation concerning the setting apart of the day as one of Thanksgiving.

Mr. Lindemann, representing the students, spoke on "What the student has to be thankful for," and emphasized particularly the friendships which are made while young people are in college and the value of such friendships in after life.

Mayor Gunson, for the city, spoke on what East Lansing has to be thankful for and contrasted the community as it was 18 years ago, with its three houses, to the city as it is today. With the exception of paved streets, the city has every convenience enjoyed by the large cities of our country.

Pres. Snyder for the college spoke on the national Thanksgiving and its real significance.

Rev. Goldsmith for the People's Church, mentioned some of the things for which we are not ordinarily thankful, such as the high cost of living, etc. These are, however, advantages, in that they call our attention to the deficiencies in our American civilization, and unite us in an endeavor to bring about a more equally balanced state of affairs.

## FORESTER'S CLUB.

The Foresters held their regular meeting Nov. 22d. The program was carried out as planned, each one of the seniors giving a brief description of his particular summer's experience as student assistant on the national forest on which he was located.

As the seniors expected to leave for the north woods during the first of December, it was planned that Nov. 22d would be the last regular meeting, so election of officers for the winter term followed the program. The election results were as follows:

Chief Forester—E. C. Sanford.  
Associate Forester—C. B. Baker.  
Chief Records and Accounts—James Logan.  
Chief Ranger—L. R. Queal.  
Member of Executive Committee—J. F. Campbell.

## IDLERS' PARTY.

A most delightful party was given in the Agricultural Building Saturday evening. It was termed a Bijou, and a vaudeville program was carried out. The exhibition of mechanical dolls was good, and caused much merriment. Mr. Ockerblad gave an exhibition of Indian club swinging, and also gave the same performance with flaming torches. A fencing bout of two four-minute halves was given by Miss Chapman and Mr. Morse. Ice cream was served, good music was furnished between each act, and a good social time was enjoyed.

## FOOTBALL BANQUET.

The banquet on Wednesday evening tendered to Coach Brewer and his team by C. P. Downey proved a splendid event. Mr. Downey himself was absent, but every one present in words of praise showed his appreciation of the efforts of the host to do honor to our coach and the wearers of the green. The banquet was served in nine courses, and ample justice was done by the more than twenty guests.

W. K. Prudden, who, in the absence of Mr. Downey, acted as host, made a splendid address, and one which set every member of the party to thinking and thinking hard. In introducing the toastmaster of the evening, Prof. Vedder, he mentioned his long connection with the institution and the interest he had always taken in the athletics of the college.

In his opening speech Prof. Vedder spoke of the generous treatment which had always been accorded the athletic department of M. A. C., both by the citizens and the press of Lansing.

Mr. John Weston responded to the toast "Elements of an Accomplished Football Fan," and mentioned the loyalty always displayed by M. A. C. Whether in defeat or in victory the support of the team by the fans was the same, a fact to be heartily commended.

Leon Exelby, chosen for the all-western team, spoke on "Old Football Rules vs. the New," and put every one in a happy mood by reciting a good story. Ex. argued for the new rules, stating that he believed the game a safer one under same.

"A Player's View of Football Training" was the toast assigned Capt. Cortright. He spoke in glowing terms of the inspiration received from Coach Brewer, and the desire on the part of every member of the team to keep himself in the best possible condition. He was glad the season's work is done, and prophesied good things for M. A. C. in 1911.

Mr. John Crotty's toast, "Football and the Game of Life." Mr. Crotty is a great admirer of the game and stated as his belief that the game broadened the physical, intellectual and moral qualities of its devotees and strengthened the social spirit as well.

Judge Collingwood came next with the toast "Will officiating at a football game be good training for the bench?" The playing of the game helps in the development of good citizens. The influence of the coach upon the character of young men was mentioned and here the speaker again paid a fine tribute to the character of our coach as well as to his ability.

Judge Howard Wiest championed the cause of good citizenship in his toast on "Football Ethics and The Golden Rule."

In his toast "Why the city Honors a successful Football Team," Mr. O. A. Jenison called attention to the reputation which M. A. C.'s

athletic teams had made, and the pride with which Lansing citizens referred to both coach and team. He also spoke of the splendid feeling now existing between the city and the college.

"Is Scholarship Inconsistent with Football," was the toast to which Pres. Snyder responded. The president stated that he fully realized the importance of athletics in an institution like our own, and believed that sports like those upheld by M. A. C. played an important part in the mental as well as the physical development.

Mr. Schuyler Seager paid a neat compliment to the Lansing press for the part taken by them in boosting M. A. C. athletics.

W. K. Prudden then gave one of the finest responses of the evening and one which will not be soon forgotten by the coach and his men. He spoke of the coaching ability of Mr. Brewer, but stated that the manhood displayed was even greater. The splendid loyalty and devotion of the team for their leader meant a great deal in every contest undertaken and paved the way for victories.

Coach Brewer was to be the last speaker, but he was so moved by the many tributes to his successes, and regrets at his leaving M. A. C., he could only utter a few words of thanks.

It was certainly the finest compliment to M. A. C. athletics ever offered by a Lansing citizen and cheers were given for Mr. Downey and Mr. Grove, following which the college folk were carried home in a special car.

## M. A. C. RECOGNIZED.

Eckersall, the greatest of western football critics, has given M. A. C. such recognition as will make our fans sit up and take notice. Never before has our institution been given a place in western football with the big universities.

The men honored are Exelby as second choice for fullback and Baldwin as second choice for guard. Others receiving favorable mention are Campbell as being one of the best tackles in the west, and Hill as one of the greatest kickers and a most valuable halfback.

This picking is confined to big western universities, and what makes M. A. C.'s recognition the stronger is the fact that only six institutions beside our own were selected for the western squad. These were Minnesota, Michigan, Wisconsin, Indiana, Illinois and Nebraska. Every one of these are big universities, and it is indeed gratifying to receive recognition such as Mr. Eckersall has given.

There is to be a meeting of the alumni advisory council on Tuesday, Dec. 6, at the Hotel Downey. The members of this committee are chairman, A. B. Cook, '93; W. K. Prudden, '78; G. J. Jenks, '89; L. W. Watkins, '93; Gerrit Masse-link, '95, and J. R. McCall, '91.

## ALUMNI

'00

H. L. Chamberlin, m, who spent some time in the mining district of Idaho near Salt Lake City, returned to Michigan in June and is now with the Ohio and Portland Mining Co. of Michigamme as superintendent. The company is at present mining a limonite ore of medium grade, and Mr. Chamberlin has general supervision of the work besides which he is required to make all surveys and estimates in connection with the two properties mentioned.

'03

C. P. Reynolds, with above class, died at St. Luke's Hospital, Chicago, on Nov. 22, after a twelve week's illness with typhoid pneumonia. Mr. Reynolds was for some time connected with the *Chicago Drover's Journal*, but was at the time of his death editor of the *Prairie Farmer*. The body was brought to his old home near Corunna, Mich., for burial. Mrs. Reynolds (Mary Ross) was also with the class of '03. A baby was born to Mr. and Mrs. Reynolds ten days before the father's death.

'05

Announcements have been received of the marriage of Clarence A. Reed and Miss Katherine Mabel McNaughton at the home of the bride's parents in Middleville, on Wednesday, November 23, 1910. At home after December 24th, Washington, D. C.

'07

W. E. Johnson, wife and four months old son, of Detroit, spent Thanksgiving at the home of Mrs. Johnson's parents, Mr. and Mrs. A. S. Boyce, of 131 Jones St., Lansing. Mr. Johnson, one of three brothers who graduated at M. A. C., is at present with the architect of the Michigan Central Ry. Co., which company is at present building some large train sheds in Detroit. A new depot is soon to be erected in that city by the M. C. people when Mr. Johnson's work will be transferred to that building.

He states that "Sid," '04, is enjoying his teaching work in the University of Wisconsin very much and that he and his family (wife and two children) are happy in our sister state.

C. Ernest, '05, is just recovering from an illness which has kept him from regular employment for more than six months, but hopes to be around again soon.

'10

Chas. A. Lemmon, '10, and Miss Grace Wilson were united in marriage at the home of the brides parents in Lansing, Tuesday, Nov. 22. The guests numbered thirty. Mr. and Mrs. Lemmon left Tuesday evening for Cleveland, Ohio, where they will be at home after Dec. 15.

# The M. A. C. RECORD

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TUESDAY, NOV. 29, 1910

18 Gun Club Lane,  
Malate, Manila, P. I.

We find Philippine life very comfortable, easy-going, and altogether delightful. The climate is ideal for one who wishes to enjoy life with the least exertion. The temperature is first cousin to that of our normal Michigan summer. We keep early hours and sleep in the afternoon—sometimes. Indeed we are fourteen hours ahead of you in our daily routine.

At present we are living in a bamboo house improved by an iron roof and "nepa" ceiling, which obtains a very cool, airy habitat, and the abundance of foliage of surrounding trees and vines lends color and pleasure to the rather questionable architectural beauties of our dwelling. The windows are openings fitted with matting shutters; they contain no glass, because of the danger from typhoons. Indeed, glass has no chance of competition with the sea shell windows of the frame houses and all other houses boasting of windows at all. The shell is cut to about 2½ in. squares and fitted in a tough wooden lattice-work, obtaining an opaque, but wonderfully strong window capable of resisting the terrific winds which occur in this, the typhoon season. As yet, we have not had the pleasure of a real typhoon experience; in fact, since leaving San Francisco we have not been in a real hard blow. The 28 day trip across the Pacific via Honolulu, Midway Islands and Guam, was notable for its continued pleasantness.

At Honolulu we had the great pleasure of bathing in the surf at Waikiki Beach, known as the best of its kind in the world, and then an hour or two was spent in watching the famous surf riders. Their skill was marvelous, but the principle was so simple and evident I wonder some of our bright Yankee countrymen had not made use of it.

Guam was a hot little island and the Midway Islands mere strips of sand on coral formations scarce two feet above the sea.

The Philippines, and Manila especially, are quite Americanized, so that aside from the change of climate, oddness of costumes, and the general universal and particular changes in our manner of living—we have in one short month grown to feel quite at home.

This is the rainy season and the "rain is very wet and numerous." Rainfall of 33 inches in 24 hours is the record here, and from personal experience I would hesitate to believe the weather man had exerted himself for the occasion.

I am employed in the Q. M. Dept., U. S. A., as civil engineer and superintendent of construction and am under contract to serve one year. At present I am in Fort

Santiago, Manila, in the construction office. Have just finished plans for steel and reinforced concrete hospital ward building at Rizal. My work thus far is very pleasant and congenial. Concrete is the only permanent building material here and that is not very good owing to poor quality of cement and more to the rottenness of the best rock, gravel, and sand obtainable. I find designing the more difficult thereof. [Extracts from letter written us by R. A. Small, '08.]

## SPECIAL FORESTRY LECTURES.

In order that the senior foresters each year may come more closely in touch with the work of the United States Forest Service, the Chief Forester has detailed a technical man to give talks on some phase of the actual work being carried on in the national forests. These talks have been given by different members of the Forest Service to the senior foresters of the M. A. C. for the past three years. Mr. O. H. Stabler talked to the '08 seniors and Mr. R. S. Kellogg to the seniors of '09.

This year arrangements had been made to have a week's time of one hour each evening given up to such talks while the seniors were in the lumber camps. The smallpox scare upset this year's lumber camp plans. Mr. S. T. Dana, who had been detailed on this work by Chief Forester H. S. Graves, came, however, directly to Lansing from Missoula, Montana, and gave a series of very interesting talks. Mr. Dana has been, this past summer, making a silvicultural study of the conditions on district number one, which includes Montana, Northeastern Washington, Northern Idaho, Northwestern South Dakota, Northern Michigan, Northern Minnesota and Southwestern North Dakota.

In talking to the upper classmen Mr. Dana briefly took up the history of the Forest Service by outlining the work done.

In 1905 the national forests came under the control of the Forest Service. Previous to this date little or no attempt had been made to perfect an organization or to improve the forests.

The work was done in the city of Washington. The field work consisted of summer investigation trips on the various reserves, after which the field parties would return to Washington for the winter. On December 1, 1908, the Forest Service divided the national forests of the west into six districts. These were known as inspection districts. A little later these assumed the form of district divisions, and are now known as districts.

Each district office is organized under the following heads:

1. Office of operation. This office has charge of salaries; duties of field operations and improvement work.

2. Office of organization; includes the special uses and permits.

3. The office of lands takes up what is called "alfalfa work" or the agricultural settlement work under the June 11, 1906, act.

Land which has a stand of less than four thousand feet per acre may be listed as agricultural land. Such land must be passed up by a forest officer. The recommendation that such lands be open to entry is

made by the Secretary of Agriculture to the Secretary of Interior, who declares them open to entry. In all cases only lands having available water are considered agricultural.

The settlement and establishment of boundaries is another important phase of the work of the office of lands.

At the beginning of the present administration there were 200,000,000 acres in the national forests. During the past two years 60,000,000 acres have been declared agricultural.

4. The office of grazing has the apportionment of the open range to graziers.

In this work the small resident stock owner receives first consideration; secondly the large resident owners, and lastly the transient.

5. The office of accounts has in charge the expenditures of money, pay rolls, etc. In district No. one the recent fires called for an expenditure of \$500,000 in salary to fire fighters alone.

6. The office of laws takes care of the legal side of the district work. The principal duties are the prosecution of cases of mining, grazing, timber and claims trespass.

7. The office of silviculture includes four phases of work, viz.:

1. Timber sales.
2. Reconnaissance work.
3. Reforestation and nursery work.
4. Silvics.

Considerable weight is given on certain forests to the preparation of yield tables. These are made for various sites and elevation for different species, and are used in the determination of future yields.

1. When the future value of the present young growth is desired.
2. When fire damage is to be determined.
3. When agricultural lands are to be classified.

Mr. Dana expressed himself as confident that great strides would be made in the next five or ten years in the reforestation of the National Forests, fifty per cent. of which is entirely dependent upon artificial planting.

During the coming year, district No. 1 expects to sow 15,000 pounds of conifer and 7,000 pounds of hardwood seed. This will be sufficient to sow 1,200 to 1,400 acres. About the same amount will be done by the other five districts.

## VETERINARY DIVISION.

A number of improvements have been made in the Veterinary Building in preparation for the work to be given. One room will be used as an anatomical laboratory and there will be a laboratory to be used for the course in pharmacy, and for microscopic work. There will also be a drug supply room which will be used in connection with clinic which the department proposes to inaugurate in the near future.

It is proposed to remodel the addition on the east side for a surgical ward which will be used for the department of surgery in connection with the division and will contain modern operating facilities such as operating table, confining stocks, etc., and this room will be well lighted so that it will be made available at any time.

Dr. Frank W. Chamberlain who is at the present time associate professor in animal husbandry at the

University of Idaho, Moscow, has accepted the chair of anatomy in the Veterinary Division at M. A. C. and will assume his duties at the beginning of the winter term.

Dr. Chamberlain is a graduate of the Vermont State Agricultural College and later of the veterinary department of Cornell University. After graduation he served a time as demonstrator in veterinary anatomy at Cornell and later engaged in general practice at Burlington, Vt., until receiving the call to Idaho. Dr. Chamberlain is well equipped for his work and the college is indeed fortunate in securing his services.

## SENIORS VS. SOPHOMORES.

The three classes—Seniors, Juniors and Sophomores were never more evenly matched than this fall. The sophomores won from the juniors. The seniors tied the juniors twice and the sophomores once. Saturday they managed to nose out a 3 to 0 victory from the sophomores thus clinching the class championship. During the second quarter the sophomores rushed the ball to their opponents goal line, but failed to put it over, this being their only chance to score. The winning count came in the last five minutes of play, when the seniors secured the ball on the ten yard line. The ball was passed to quarter-back Russell who made a neat drop kick and saved the game for the team and the class. The seniors had the best of the game in the last half, the ball being in sophomore territory practically the whole time. Baker's kicking was very good and with Kurtz starred for the seniors. Capt. Kishigo, Servis, and Esselstyn deserve mention for their excellent playing. Brainard captained the team for the seniors. The game lasted 50 minutes. Mr. Brewer and Campbell acted as officials.

'06

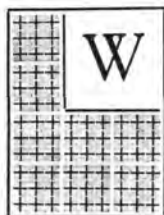
A. Scott Armstrong, civil, was married on Tuesday, Nov. 22, to Miss Grace Austin at the home of the bride's parents. The bride is a graduate of Albion college, and after graduation served as instructor in music in that college for some time. "Scott" graduated in '06, and while in college was prominent in athletics. He is now with the Bates & Rogers Construction Co., Chicago. The young people will be at home at 976 Edgcombe Ave.

Marguerite Barrows visited her parents, Prof. and Mrs. W. B. Barrows, over Thanksgiving vacation.

The Women's Society holds its annual bazaar next Saturday afternoon at 2:30 in the Chapel. You are urged to come early.

Two splendid talks on Tolstoi were given in the chapel Sunday morning. One by Rev. Hatfield of the Pilgrim Congregational church and the second by Rev. Goldsmith of the People's church.

The fire alarm drew a large number of students and college people to Wells Hall Saturday night, but the blaze which started in a window seat in the Atheneum society rooms was soon extinguished. Window seat and curtains were destroyed but no further damage was done.



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COLLEGE BUS HEADQUARTERS

## ABOUT THE CAMPUS

The Eunomians have open meeting on next Saturday evening. A special program has been arranged.

Ray Turner, '09, of Hillsdale, attended the Albion-Hillsdale game on Thanksgiving Day, and spent Friday with college friends.

The first of a series of parties was given by the Fellowcraft Club in the city Thursday evening, and was attended by quite a number of college boys.

C. C. Taylor, '09, was a college visitor a day or two the past week. Mr. Taylor is a traveling salesman, and his increased weight is sufficient proof that the work agrees with him. He travels between Boston and Denver.

Sunday, Nov. 20, Dr. and Mrs. Lyman entertained a number of instructors together with Mrs. Kedzie, at whose home the party have been living the past term, and where Dr. and Mrs. Lyman became acquainted with them. Those who participated were,—Miss Taylor, and Messrs. Kelsall, Burt, Gaylord, Pyke, Baldwin and Dr. Brown.

Several of the members of the class of 1908 are keeping up a circular letter. Mr. Musselman has just received the letter which makes its rounds every two or three months. All those included report that business is good. Those who are keeping up the letter are Willson, of Oklahoma; Darbee, E. Jordan; Barden, and Eugene Wilcox, of South Haven; Sherman, of Chelsea; Arthur Wilcox, of Washington, and Instructor Musselman.

E. C. Krehl, '08, is now testing for the Dairy Department of M. A. C.

Found—A fountain pen in the stock pavilion, agricultural building. Inquire at Secretary's office.

The Delta Club have open house each Tuesday evening, at which time music and entertainment are provided.

There was no meeting of the Debating Club held last week on account of the entertainment given in the Agricultural Building.

Instructor Baker and one section of his class in foundry spent the entire afternoon at the Hildreth plant in Lansing Wednesday of last week.

From the number of V's worn on the sophomore sweaters the indications are that there will be a goodly number of enthusiastic beginners for the Veterinary course.

The Eclectic Society members enjoyed Thanksgiving dinner at the Hotel Downey, after which from 4 to 9 p. m. dancing at the society house followed. The patrons were Judge and Mrs. C. B. Collingwood and Mrs. Osband.

The New York Club held a dancing party Wednesday night in the Agricultural Building, about 50 couples attending. The patrons were Prof. and Mrs. Pettit, Prof. and Mrs. Eustace, Prof. and Mrs. Anderson, Prof. and Mrs. Wilson, Prof. and Mrs. King, and Prof. and Mrs. Vedder. Refreshments were served.

Mr. and Mrs. C. C. Wood entertained twelve student guests at Thanksgiving dinner Thursday.

Mrs. Vedder and Mrs. Blaisdell entertained at a thimble party Saturday afternoon at the home of the former.

The Union Literary Society entertained at an informal dancing party Thursday evening. About 25 couples attended.

Prof. and Mrs. Shoesmith entertained the former's parents, Mr. and Mrs. Geo. Shoesmith, and brother, M. T., Thanksgiving Day.

Friends of Howard Hall, who is making an extensive trip abroad, have heard from him, the letter showing that he is on a trip across the great Sahara desert.

W. K. Wonders, '02, Burt Wermuth, '02, and W. M. Brown, '03, have invented a tile ditcher and were at the college Saturday to try it out and explain its merits.

Among those who entertained at dinner at the Delta Club Thanksgiving day were W. B. Liverance and H. M. Potter. Their guests from the Highlands included W. B. Wendt, B. B. Roseboom, S. J. Crowe, Jas. Robertson and M. F. Johnson.

The college orchestra furnished music for the informal dancing party held in the Agricultural Building Thursday evening. The faculty members acted as patrons and nearly 300 students participated. Dancing continued from 7:30 to 10:30. Punch was served.

Pres. Hamilton of Montana was the guest of Prof. Shaw one day the past week.

Howard Taft and wife spent Thanksgiving with the former's parents, Prof. and Mrs. L. R. Taft, college.

Mr. and Mrs. George Sprague, of Prescott, were guests of the latter's brother, Mr. L. F. Jenison, the past week.

The Western Michigan Development Bureau have put out a fine booklet setting forth the advantages gained by the purchase of land in this section. There are a number of excellent photographs.

The foresters who were not allowed to make the trip north as previously planned, are making arrangements to go at the Easter time, March 24. They will occupy the same camp and follow the same plan of work as scheduled for the winter.

Dr. Allen, of the Botanical Department, is entertaining her friend, Miss Jolivette, of La Crosse, Wis. Miss Jolivette was recently granted the degree of M. A. from the University of Wisconsin, and has a fellowship at Leland Stanford where she will go after leaving M. A. C.

The annual football banquet takes place Friday evening of this week in Club D. The number of tickets will be limited to 240, each society receiving 12, and 50 to be for general use. This promises to be the greatest of its kind ever held at M. A. C. and will be a fitting close to the great football season.

## ANIMALS STUDIED AT UNIVERSITY FOR LIGHT ON HUMAN MIND.

Rats, cats, and ants are made to run through mazes or labyrinths at the University of Michigan in order to teach students their learning processes, and soon monkeys are to be added. The work is unique in that the experimentation accompanies a regular undergraduate course, whereas in the past such work has been reserved for graduate students engaged in some restricted problem, as is still the case with probably all other colleges throughout the country.

In general, the individual animal chosen to act as subject is placed in the entrance of a maze from which it cannot escape, and is allowed to wander about until it ultimately reaches the other end, where some food is placed. The labyrinth used for rats and cats is a wooden box, fifteen feet square, cut up by wooden partitions so as to make a continuous rectangular path with numerous blind alleys leading from it, and covered with wire netting. For ants a simpler maze of tiny paths covered by glass is employed.

The observer takes a position above the labyrinth and carefully notes the animals every turn—when it enters a right path, when a wrong one, and when it hesitates between the two as if choosing between them. From the data thus collected, psychologists are able to discover the methods of learning used by each subject. Among the significant points which Dr. J. F. Shepard, who has the work in charge, tentatively concludes, is the fact that the animals all learn the labyrinths backwards. Of the wrong paths which it is possible for them to enter, those nearest the outlet are first to be consistently avoided by the animals, and the avoidance of the first error which it is possible for them to make in going through is the last step in their mastery of the maze.

For comparative purposes, similar data have been collected for human beings by having them follow paths drawn on paper so arranged as to form a maze similar to the ones employed for animals. The main difference discovered between the method of the animals' learning and that of men, is that the latter drop errors both from beginning and end. However, the animals, too, on learning one maze, seem to have caught the idea of "getting through," and drop errors from both ends in learning a second labyrinth.

At present the cats, which learned mazes last spring and have not entered any during the summer, are being tested for their memory. Their performances in the last few days are said to be very creditable if compared with the average school boy's knowledge of what he learned the preceding semester. — *University News Letter.*

About 120 young women partook of Thanksgiving dinner at the Women's Building. A four course dinner was enjoyed, after which coffee was served in the parlors.

The short course bulletin has been received from the press and will be sent to any address. Students having friends who might be interested in these courses are requested to leave names and addresses in president's office.

Mr. and Mrs. Newman entertained at six o'clock dinner last evening in honor of the 50th wedding anniversary of Mr. and Mrs. A. F. Wilcox, it also being the ninth birthday of Master Harold Newman.

Mr. Joseph Wing, of Ohio, a prominent writer for the *Breeder's Gazette*, was a college visitor one day the past week. Mr. Wing as a member of the tariff commission is making investigations relative to the cost of wool production.

The informal party held in the Agricultural Building Thursday was a pleasant affair. Students and faculty alike have made the best of the situation which prevented many from leaving the college at this time and the spirit with which all entered into the festivities was good to see. Light refreshments were served.

The first and only complete map of the city and college has just been completed by Mr. Newman of the drawing department. It is drawn to a scale of 132 feet to the inch. The location of all residences are shown, as well as that of all the important buildings on the campus. The limits are Mayor Gunson's east line and Mr. Cowley's west line. It is interesting to note that the city has grown in the past nineteen years from a community of eight houses to a city of 203 residences, this exclusive of campus improvements.

Professor Joseph Baker Davis, who has been a member of the Faculty of the Engineering Department of the University of Michigan since 1872, resigned at the October meeting of the Regents. In recognition of his services to the University, the Board of Regents, upon accepting his resignation, made him professor emeritus. Professor Davis graduated from the University of Michigan in 1868, and after following his profession for several years, entered the faculty of the University. He was later made professor of geodesy and surveying, and for a number of years acted as assistant dean. In the latter capacity he was probably one of the best loved men on the campus, and has always been regarded as peculiarly the student's friend.

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## DIRECTORY LANSING BUSINESS AND PROFESSIONAL MEN.

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

### BARBERS.

**COLLEGE BARBER SHOP.**—In Bath House. Andy—Bell—Ernie. You get the best work here. Try it and see.

### 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. 189. In City National Bank Building

### BOOTS AND SHOES.

**WOODWORTH SHOE STORE.**—115 Washington Ave. N.

### CROCKERY AND GLASSWARE.

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

### CLOTHING.

**H. KOSITCHEK & BROS.**—Clothing, and Furnishings. 113 Washington Ave. N.

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

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

### DENTISTS.

**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 203-5 City National Bank Bldg. Automatic phone 561; Bell phone 61. Former M. A. C. student.

### DRUGGISTS.

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

### DRY GOODS.

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

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

### ELECTRICAL SUPPLIES.

**CAPITOL ELECTRIC ENGINEERING CO.**—Full line of Electrical Supplies, including students' shades and cords, carbon, tantalum and mazda reading lamps. 117 E. Michigan Ave.

### FURNITURE DEALERS.

**M. J. & B. M. BUCK.**—Furniture, Corner Washington Ave. and Ionia Street. See ad.

### HOTELS.

**WHEN IN DETROIT** Stop at the Madison Apt. Hotel. The popular place for state visitors, shoppers, etc. Pleasant rooms. Beautiful cafe, moderate rates. Mrs. Elizabeth Brown, Mgr.

### HARDWARE, STOVES & TINWARE.

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

### JEWELERS.

**E. M. BENNETT.**—Watchmaker and Jeweler. Work called for and delivered. Residence, fourth house south of Tie House, Evergreen Ave., East Lansing.

### MANUFACTURING AND HAIRDRESSING.

**MRS. O. T. CASE.**—Manufacturing, Shampooing and Hairdressing Parlors. Switches made of cut hair or combings, also colored and renovated to look as good as new. Masquerade wigs for rent. Automatic phone 551. 222½ Washington Ave. S., up stairs.

### 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.** East Lansing, 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.

### PRINTING.

**ALLEN PRINTING CO.**—111 Grand Avenue south. Printing and office supplies. Bell phone 1094. Automatic phone 4006.

**ROBERT SMITH PTG. CO.**—Cor. Washington Ave. and Ionia St.

### SHOE REPAIRING.

**TRY KENDALL'S SHOP** for Shoe Repairing. All work guaranteed. Machine or Hand Sewed Soles. Rubber Heels while you wait. Fine line of Confectionery Walter's old stand, Michigan Ave.