

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

12

VOL. III.

LANSING, MICHIGAN, TUESDAY, SEPTEMBER 18, 1906.

No. 1

NEW INSTRUCTORS.

DR. THOMAS C. BLAISDELL. The position made vacant by the resignation of Dr. Edwards was tendered to Dr. Thos. C. Blaisdell, Professor of English in the Pittsburg Normal School. Mr. Blaisdell is a graduate of Syracuse University, class of '88,



DR. T. C. BLAISDELL.

and secured his doctor's degree from the Western University, Pa. Dr. Blaisdell comes to us highly recommended, not only as an instructor and public speaker, but also as an author of some distinction.

A. CROSBY ANDERSON, B. S., instructor in animal husbandry, is well known to M. A. C. people, having spent two years studying at this college, and graduating with the class of '06. He also spent a portion of the time during the past year as instructor.

L. J. SMITH, B. S., a graduate of M. A. C. class of '06, will have charge of the work in farm mechanics. Mr. Smith visited several institutions during the latter part of the summer where this work is given and has since been hard at work putting the building (formerly used as tool barn) in shape for the work. He will have full charge of all wood and forge work for both regular and special course men in agriculture.

J. G. HALPIN, B. S., instructor in poultry husbandry, comes to M. A. C. from Rhode Island where he had charge of the poultry department in the agricultural college of that state. Mr. Halpin has been busy for several weeks getting the buildings and pens in shape for the work which will probably be given during the winter term.

JOS. H. TAYLOR, B. S., instructor in civil engineering, entered college from Almont, Mich., completing the civil engineering course last June. During the summer Mr. Taylor has been in charge of construction of the Eclectic Society building in Oakwood.

E. N. BATES, B. S., graduated from the mechanical course at M. A. C. last June. Before entering M. A. C. Mr. Bates spent three years in Olivet College. His position is instructor in physics.

FRANK M. GRACEY, of Somerville, Mass., has been elected to the position of instructor in drawing. Mr. Gracey spent three years in the Normal Art School in Boston. He has also had considerable practical experience.

H. F. SCHMIDT, instructor in mechanical engineering, comes to M. A. C. from Kingston, Ont. Mr. Schmidt was educated at St. Paul's School, Garden City, Columbia University, and since leaving college has held responsible positions in New York, Lima, Ohio, and at Queen's University.

WILLIAM E. LAWRENCE, B. S., instructor in botany, is a graduate of Earlham College '04, and has spent some time as graduate student in botany at the University of Chicago. Mr. Lawrence has done considerable work during the past summer and comes to us highly recommended.

MISS GRACE L. CHAPMAN, A. B., has been tendered the position of instructor in calisthenics for women, made vacant by the resignation of Miss Avery. Miss Chapman graduated from Wells College, Chicago, in 1905, and from the Chicago School of Physical Education and Expression in 1906. She was last engaged in university settlement work at Northwestern.

MISS BELLE FARRAND, B. S., assistant in bacteriology, entered M. A. C. from the Lansing high school, completing the domestic science course for the degree of B. S. last June.

MISS LOUISE WAUGH, B. S., instructor in domestic science, is a native of Johnstown, Pa. She graduated from Teachers college, Columbia University in '06. She has had considerable teaching experience.

CHARLES BROWN, B. S., assistant in bacteriology, completed the course at the Oklahoma agricultural college, Stillwater, last June. Mr. Brown is a native of Okl., his home being 60 miles south of Stillwater.

F. J. KAUFMAN, B. S., of Brad-dock, Pa., instructor in chemistry, is a graduate of Pennsylvania State College, class '06, and during the past summer has been with the Westinghouse Electric Co., of Pittsburgh. He is married and will occupy the cottage belonging to Mrs. Kedzie.

ARTHUR J. CLARK, B. S., instructor in chemistry, graduated from the University of Wisconsin, class of '05. During the past year Mr. Clark has been engaged in high school work at Evansville, Wis. His home is at Janesville, Wis.

HERBERT S. BAILEY, instructor in chemistry, graduated from Kansas University with the class of '02, and from Mass. Inst. of Technology (B. S.) in '06. During the past year he has been private assistant to Dr. Gill at Mass. Inst. of Technology.

W. B. WENDT, B. C. E., of Cincinnati, O., instructor in civil engi-

neering, is a graduate of the Kentucky State College class of '06. During his college course Mr. Wendt had charge of Mr. J. B. Haggim stock farm of 800 acres near Lexington, Ky. During the past summer he has been engaged in railroad surveys for the Ziegeler Coal Co., of Ziegeler, Ill.

WILLIAM HOLMES, of Lansing, has been engaged as foreman in the forge shop in place of Chappelle, who has been transferred to a similar position in the machine shop. Mr. Holmes was formerly with the Olds Co. and has also had two years experience as instructor in forge shop at the university. He comes well recommended as a tool maker.

MR. A. SMITH, of Lansing, has been engaged for the coming year as assistant in woodwork in place of E. J. Smith, who has secured an excellent position as instructor in woodwork at the Industrial school.

J. R. KELTON, B. S., instructor in Zoology, is a graduate of the Massachusetts State College '05, and during the past year was instructor in Biology at Alfred College, Mass.

PROF. C. L. WEIL, who for the past thirteen years has had charge of the mechanical engineering department at M. A. C., has tendered his resignation to take effect at an early date. Three years ago Prof. Weil resigned his position for the purpose of taking up practical work. The board, however, was exceedingly anxious that the new heating plant should first be installed, plans of which he had partially completed at that time. They therefore entered into an agreement with him which enabled him to spend a portion of his time in outside work. This work has grown rapidly and has reached a point where it demands all of his time. The board, at a recent meeting, again made him a special offer, this time with the idea of inducing him to spend all of his time in the department, an offer which he was at first inclined to accept. He found, however, that it was very difficult to release himself from certain obligations, and in view of the prospect of his future enterprises, he decided that he could not afford to give them up.

Under his administration the mechanical department has developed rapidly. He has also supervised the engineering work of the college, and the new heating plant, a model of its kind, stands as a monument of his skill as an engineer.

The social relations of Prof. and Mrs. Weil in the community have always been most pleasant, and they leave with the best wishes of college people.

Prof. Sawyer has been placed in charge of the department for the present.

Those of our students who have been under the instruction of "Pa Leonard" will learn with regret of his resignation. Mr. Leonard has been in ill health for some time. Last year he tendered his resignation, but it was refused with the

ALUMNI.

'78

Clement J. Strang has recently accepted a position as instructor in science in Benzonia Academy, Benzonia, Mich.

'88.

Paul M. Chamberlain, who for the past ten years has been Professor of Mechanical Engineering at Lewis Institute, Chicago, has resigned his position and has engaged with a California capitalist in the manufacture of mining machinery at Los Angeles, Cal.

'90.

Paul Woodworth, with the above class, has been nominated by the republicans for the office of prosecuting attorney of Huron county, for the fourth term.

'93.

Announcements have been received of the marriage of Dr. O. H. Pagelsen of the above class, to Miss Nellie Utech on the evening of Monday, Aug. 22, 1906, at Iowa Falls, Ia.

'94.

John D. Nies has been visiting George N. Eastman, '97, at the Monrovia (Cal.) Sanitarium for the past few weeks. It is reported that Mr. Eastman is improving.

'96-'98.

An interesting letter was received recently by President Snyder from H. Carmanian, a student here in '96-'98. He has recently been called to manage the large farm of a noted monastery near Marsovan, Turkey. An endeavor is being made to start an agricultural school at that place which will be the first Armenian school in Turkey. Mr. C. sends in his subscription to the memorial building fund with his best wishes for its success.

'97.

G. A. Parker, of the above class, says: "I desire to keep in touch with the progress of old M. A. C. and learn from time to time of the success of its graduates. I know of no better way of doing this than by taking the RECORD." It will be of interest to Mr. Parker's many friends to know that since his graduation from the department of electrical engineering at the U. of M. last June he has been employed as mechanical-electrical engineer by the Brown Hoisting Machine Co., of Cleveland, Ohio. Mr. Parker's home address is 1341, 82d St. N. E., where he will be glad to see his M. A. C. friends.

'01.

On Wednesday, June 27, occurred the marriage of Robert S. Northrop of the above class, and Eva Knox, of Logan, Utah. Mr. and Mrs. Northrop are at home in Logan, Mr. N. still having charge of the department of horticulture and botany in the Utah State Agricultural College.

(Continued on page 2.)

THE M. A. C. RECORD.

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

B. A. FAUNCE, MANAGING EDITOR

ASSOCIATE EDITORS.

E. A. WILLSON, '07.

P. V. GOLDSMITH, '07.

R. H. GILBERT, '08.

I. E. PARSONS, '07.

R. A. TURNER, '08.

GRACE WARNER, '08.

CAROLINE LAWRENCE, '06.

LELAH BURKHART, '07

TUESDAY, SEPT. 18, 1906.

THE summer vacation is again a thing of the past, and a year of study is before us once more. To many the opening of the college year comes as a welcome, as they have been working hard and trying to save something with which to carry them through the coming year. These especially are glad to return to books and laboratories. If then we will but put into our college work the same energy and good will displayed the past three months, there is little doubt but that the year will be a pleasant and profitable one. Realizing that we pass this way but once, let us have a well defined purpose in view from the start and firmly determine to win out at all odds.

Another thing—one oft repeated, but one which will bear it—let us not become so absorbed in our own work as to entirely forget the interests of others. Let us especially remember that there are perhaps 300 or more young people just starting into college life who need a kindly word or just a little help now and then to make smooth some of the rough places. The time thus spent in taking a kindly interest in those about you is never lost and you will be repaid many times by so doing.

THE RECORD extends a hearty welcome to all students, both old and new, and trusts that this, our semi-centennial year, will be the most successful in the history of old M. A. C.

THE subscription price of THE RECORD, published every week during the college year, is but 50c. Have you subscribed yet? Just mention this matter to your new friend who may be interested. We want 200 new subscribers this year.

ATHLETICS.

Prospects for a winning foot ball team are very bright again this year. Coach Brewer has been at work the past ten days putting things in shape for the opening of the season. The greatest need at present seems to be for a punter. McKenna, Fisk, Boomsiter and McDermid will be greatly missed, but a goodly number of last year's squad will be here, practically all of last season's second team and considerable new material is also showing up.

Of old men we are sure of Capt. Doty, Small, Kratz, Boyle, Shedd, Parker, Burroughs, Frazer, and P. McKenna. Holdsworth will not return, and it will be necessary to find a running mate for Boyle, which will necessitate a shift of the back field over last year.

While no official action on the new rules has been taken by the

board it is presumed that the faculties of the various colleges will insist upon a strict observance of the new regulations, and also the recommendations made by the faculty conference which met last spring.

The new rules will certainly insure a more interesting game, especially for the spectators, than ever. There will be plenty of punting, open field running, long passes and trick plays. M. A. C. will, therefore, be benefited by the new rules, as we have always had a light, fast team, and it is believed that we stand even a better show of winning out than we did last year.

The schedule as arranged opens the season on Sept. 29 with Olivet, on the home gridiron. The visitors will have somewhat the advantage of the home team as they have been able to practice one week before M. A. C. opened.

This will necessitate some hard practice on the part of our men this week, and Coach Brewer is working hard to get the players into line. Following is a schedule of games:

Sept. 29, Olivet at M. A. C.

Oct. 6, Alma at Alma.

Oct. 13, Kalamazoo at M. A. C.

Oct. 20, De Pauw at M. A. C.

Oct. 17, Flint Mutes at M. A. C.

Nov. 3, Albion at Albion.

Nov. 10, Alma at M. A. C.

Nov. 17, Hillsdale at Hillsdale.

Nov. 24, Olivet at Olivet.

The game on Oct. 27 may be changed to one with Notre Dame or possibly one with the University of North Dakota at the latter place. This University has been trying for two years to get M. A. C. there, and this date has been offered them. As yet nothing has been heard from them.

Y. M. C. A.

For the benefit of the students who are entering M. A. C. for the first time we take this opportunity of calling attention to the work and purpose of the Young Men's Christian Association.

It is an organization of students and faculty and controlled and supported by them, and every student of a good moral character is eligible for membership. The Y. M. C. A. was organized in 1885 and has exerted an uplifting influence in the school ever since, and today it is a permanent, recognized influence in the College.

This association was formed for the purpose of creating a friendly social spirit among the students and for the developing of a higher moral and deeper religious life among the men of the school.

By the various receptions during the year and the constant mingling of students in the reading and game rooms, a more intimate and friendly relation is cultivated between the students; and by the meetings held Thursday and Sunday evenings and the various Bible and Mission study classes which had a total enrollment of something like 150 members, the association seeks to develop a higher moral and deeper religious life among the students.

The Y. M. C. A. does not insist upon any particular religious belief, but any student who will make a conscientious effort to live an honest upright life is welcomed to become a member of the association. The Bible is the guide book because in it are the truths which make for

a strong manly character, and Jesus Christ is taken as the example, because his life is a living example for manly imitation.

The organization stands for clean athletics; good, honest, conscientious work in the class room; a friendly and healthful relationship between student and faculty; and seeks by its various activities to develop a strong manly character. Surely every student at M. A. C. wants this, and can a new student, just entering into a new life under new circumstances, do anything better or of more importance to himself than affiliating himself with this organization which aims to develop a strong upright college manhood?

FARM MECHANICS.

A division of farm mechanics has been added to the farm department, and Mr. L. J. Smith, graduate of the engineering department, '06, has been appointed to take charge of the work. For the present this division will furnish the instruction work, to regular agricultural and short course men, in blacksmithing, carpentering, farm engines, power machines, and farm machinery in general. The demand for special training in these lines of work has been such as to justify the establishment and equipment of a division to fill the need. Farm conditions have been changing rapidly and today work which was formerly done by hand is now largely taken care of by machinery. It is also necessary for the farmer to have sufficient knowledge of engines and power machines of various sorts to know how to properly operate the same. It is not the intention to develop skilled mechanics, but rather to equip the men so that they will be able to properly handle all kinds of machinery on the farm, thereby adding to their usefulness and extending the duration of the efficiency.

NEW INSTRUCTORS.

(Continued from page 1.)

hope that he might regain his health. It was only a few weeks ago that the college authorities finally granted his request to be relieved. Mr. Leonard has been an exceptionally able and faithful instructor, and has written a book on "Machine Shop Tools and Methods," which takes high rank, and is perhaps the best publication on this subject. It is to be hoped that he will rapidly regain his health and eventually take his place at M. A. C. again.

'05.

The wedding of Miss Grace E. Eisele of Ann Arbor to Mr. W. F. Jordan of the above class took place Aug. 7 at St. Thomas church, Ann Arbor. Many friends gathered to witness the ceremony. After a short wedding trip Mr. and Mrs. Jordan settled in Columbus, Ind., where Mr. J. has an excellent position.

With '06.

Miss Marion Thomas, with '06, and Mr. Robert Hibbs were married at the home of the bride's parents, Three Oaks, Mich., on Aug. 9, 1906. The wedding supper was served by three college friends of the bride, Misses Roxie Palmer,

Hazel Blanford and Mabel Howarth. Mr. Hibbs is a prominent contractor of Chicago, and owns a summer home at Harbert.

L. G. Michael, '03, chemist, is investigating the situation of feeding stuffs of Iowa. The packers and mixed feed manufacturers have conducted a counter campaign. A bulletin is to be published on the subject this month. The feed stuffs of Iowa have been found heavily adulterated and an inspection law is in process of drafting which will be submitted to the legislature meeting this winter.

'99.

Born, to Mr. and Mrs. Fred N. Lowry, of Midland, Mich., on July 17, a second son, Wayne Judson. Mr. Lowry was a graduate with the above class, while Mrs. Lowry was with '02.

'01.

Born, to Mr. and Mrs. Ralph M. Lickly on July 29, 1906, a son, Harvey Homan. Mrs. Lickly (Kate Nichols) was a special student at M. A. C. for several terms.

Charles A. McCue and Florence E. Beebe were united in marriage Wednesday, July 11, 1906. Mr. and Mrs. McCue occupy rooms in Howard Terrace at the College and "Peggy" will continue as instructor in Hort.

W. J. Bailey, who has been in the Monrovia (California) Sanitarium the past year, has purchased an acre of land near Monrovia and will engage in fruit culture and poultry raising. His sister, Miss Stella Bailey, will be with him the coming year.

'02.

Mr. Titus Glenn Phillips and Miss Ellen Shean Coady were united in marriage at Detroit on Saturday, June 30, 1906. Mr. and Mrs. Phillips will be at home after Oct. 1, Detroit, Mich.

The marriage of Albert H. Case to Miss Sarah B. S. Avery occurred on Tuesday, Aug. 14, 1906, at Montreat, North Carolina. Mr. Case has been very successful in his line of work since completing the engineering course in '02, and the bride, for several years in charge of the physical culture work for women at M. A. C., has a host of friends at the college. The many friends of both Mr. and Mrs. Case will, we are sure, join us in extending to them our hearty congratulations.

'03.

F. M. Morrison, who has for several years past had charge of the manual training department of the Kittanning schools, Pa., has been elected to a similar position at Schenectady, N. Y.

'04-'05.

The many friends of Miss Caroline Balbach, former assistant librarian, will be glad to learn that she has been appointed assistant physical director of the Y. W. C. A. in Grand Rapids. Miss Balbach recently completed the course at the Normal School of the North American Gymnastic union at Milwaukee, and will teach the German method with the use of apparatus. The rapid growth of the physical department has made it necessary to engage an assistant. The Grand Rapids Press presents a cut of Miss B.

FOOD CHOPPERS

Universal
and
Grissold

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.

ELGIN MIFFLIN

It is no easy task to select goods for college men and women. It is necessary for them to have good goods and good style and the latter must be just a little ahead of the times—but we have established our reputation at the M. A. C. on these two qualities and we intend to retain it.

We have everything you will want for your spring outfit and kindly invite you to come and see us and urge that you still make our new store your waiting place.

ELGIN MIFFLIN

FURNISHER TO MEN
AND WOMEN

OPP. SUGAR BOWL

109 WASHINGTON AVENUE
SOUTH

THE JEWETT & KNAPP STORE

Where you will find the largest and most complete
stock of

Women's Misses' and Children's Ready-to-wear
Garments, Knit Underwear, Hosiery, Gloves
and Ribbons. All the new things in Laces,
Embroideries, and Wash Goods.

See our New Silks, Dress Goods and Trimmings.
If you want an Exclusive Gown or Suit, go to
Lansing's Reliable Store.

JEWETT & KNAPP

220-222 AND 224 WASHINGTON AVENUE SOUTH, LANSING, MICHIGAN.

C. D. Woodbury Shoe store

Head quarters for
M. A. C. Students.

FOOTWEAR

in all styles

Ask to see our

\$3.00 Shoes

For Men or Women

C. D. WOODBURY

HOLLISTER BLOCK

ABOUT THE CAMPUS.

Instructor Alger and wife will occupy rooms in the terrace the coming year.

"Cup of Coffee and Sandwich" was one of the signs read by visitors excursion week.

Wm. Dudley, a student at M. A. C. two years ago, returns this fall to continue his work.

Howard C. Baker, with '06, called on Lansing and M. A. C. friends Sunday, Sept. 9.

We are promised a cut of the new "Tic" building and a brief write-up for next week.

Van Zimmerman, a student at M. A. C. in 1900, now of Chicago, visited at M. A. C. on Aug. 24.

President Snyder and family spent two or three weeks at Chautauqua, N. Y., during the summer.

Dr. Waterman has rented the new house in Oakwood built by Mr. Robinson during the summer.

Mr. Simons has just completed a neat little house on his lot east of Mr. Wellman's property on Oakwood.

Mrs. G. E. Kedzie, of Lansing, has rented the house in Oakwood, occupied the past year by Instructor Wells.

Wm. F. Wight, '94 with the Dept. of Agriculture, Washington, paid college friends a visit during the summer.

Mr. Reasoner has sold his property in Collegeville to Mr. C. D. Aldrich. Mr. R. has moved south with his family.

We are promised some definite statement concerning the installation of the telephone system at M. A. C. for next week's RECORD.

Miss Sheats, of the Lansing Business University, has been engaged as stenographer in place of Miss Taggart resigned.

F. W. Howe, who has been busy in the president's office during the summer, will enter for post-graduate work in soils this term.

The registration of new students up to Monday night was 138, divided as follows: Agricultural 39, Mechanicals 72, Women's 27.

Prof. E. S. Good '03 of Urbana, Ill., made college friends a short visit during the summer. Mr. Good was for several years clerk to Pres. Snyder.

Prof. and Mrs. P. B. Woodworth of Chicago visited friends on the campus Sept. 9, on their way home from Caseville where they passed the summer.

Dr. N. S. Mayo '88 called on college friends Sept. 9 on his way to his old home in Orion, Mich., from which place he expects to return to his work in Cuba.

Certain portions of the botanic garden were raised during the summer above the high water mark. H. H. Curtis has been kept busy in the garden this season.

The district school opened on Sept. 10 with Miss Sadie Richardson in charge. Her assistant is Miss Magdalane Bowen, of the Mt. Pleasant Normal school.

Only two of the three large dining rooms in the new building have been furnished, as it was thought that this would be ample room for the coming year at least.

The new engineering building grows steadily, the past two weeks being exceptionally favorable weather for the work. The brick work on the first story is about completed.

The Hitchcock property in Collegeville has been purchased by Atty. C. C. Wood, of Lansing, who has made some much needed improvements, and will occupy the house this winter.

Prof. Hedrick and family have moved into the house near the College grocery, formerly occupied by Mrs. Perkins. Miss Paddock and mother will occupy the rooms in the Terrace the coming year.

Prof. Bogue spent several days during the summer investigating the tree plantations in Allegan, Van Buren and Kalamazoo counties, where he states much interest is being shown in the line of forestry.

Warren J. Geib visited college friends the past week on his way to New York state, where his work in soil survey will be carried on for a time. Mrs. Geib, formerly Miss Edith Dresser, has been visiting Lansing friends.

New Wells is being rapidly filled by the incoming students. The interior is finished and furnished in a very attractive manner. The rooms are furnished with single folding beds with mattress, chairs, study tables and dresser or cheffonier.

H. P. Peper, who recently purchased the Hilliard place, is a watchmaker and jeweler of many years' experience. He intends to do work in his line, and will be at the M. A. C. book store each day from 4 to 6 p. m. See his ad. in next week's RECORD.

A. A. Towner with '06, who has for the past six months had charge of the milk testing department for the Mich. Condensed Milk Co., of Lansing, goes the latter part of this month to Janesville, Wis., as beet tester for the beet sugar factory at that place.

Instructor C. H. Swanger has been transferred to Omaha, Neb., to organize a food inspection laboratory, under the direction of the Bureau of Animal Industry, Dept. of Agriculture. E. A. Boyer has been engaged in a similar capacity at the Chicago laboratory.

Dr. Beal spent several days during the early part of his vacation in the east where he visited four gardens for the purpose of marking certain plants which have been promised M. A. C. The gardens visited were—Smith College garden, Harvard botanic garden, Arnold Arboretum, and Bronx Park, N. Y.

The first meeting of the M. A. C. Sunday school will be held in the schoolhouse Sunday, Sept. 23, at three o'clock, for the purpose of organization and election of officers. The proposal to change the hour and meeting place of the school to 10 o'clock, at the college chapel, immediately after the preaching service, will also be discussed.

From the farm homes along the road which borders section 12, township of Shiawassee, Shiawassee county, on the west and south side, fourteen young people have attended the Michigan Agricultural College. Where is there another two miles of country road that has done as well? This road is five miles from any center of population.

Frank R. Hurst, former Y. M. C. A. secretary, and Miss Bertha Alice Higbee of Marquette, Mich., were united in marriage Wednesday, August 22, at the home of the bride. Mr. and Mrs. Hurst will reside at Tecumseh, which place is headquarters for the Y. M. C. A. work in which Mr. H. is engaged. All join in extending to "Yost" and his bride hearty congratulations.

The new road to the city, so far as completed, receives very favorable commendation from Com. Earle. The crusher has been moved to a point in Collegeville, and at present the work is being carried on at this end of the job. Considering the delays in receiving rock for the last covering and also securing the steam roller at the proper time, the work has progressed as rapidly as might be expected.

Two Japanese students have entered College for work this year. Jitsutaro Murakami has been in a grammar school in San Francisco during the past three years, and enters M. A. C. for work in agriculture. His home is in Fukuyama, Japan. The other, Mr. Okada, has spent six or seven months in a school in San Francisco and will also take up agriculture. He comes from the southern part of the empire.

Four of our Philipino students leave for other schools this year. Balbino Palmares goes to Ft. Collins, Colo., for the study of irrigation; Pastor Avasido will study engineering at Columbus, Ohio; A. M. Sevilla will spend next year in the work of farm mechanics at the University of Wisconsin; L. Hidrosollo will be at Baton Rouge, where he will study the culture, harvesting and marketing of products of the south; R. J. Alvarez will remain at M. A. C. to pursue his work in forestry.

Dean Gilchrist has been granted a partial leave of absence for study during the coming year. She will be at the college at the opening and closing of each term and assume general charge. Miss Elizabeth S. Jones of Philadelphia has been employed as assistant dean and will assume the duties of the office in the absence of Miss Gilchrist. Miss Jones is a graduate of Wellsley and also took her master's degree at Chicago in 1900. She has also studied at Oxford and other places abroad and has had very wide experience as a teacher.

During the summer the Horticultural Department has been very busy upon the grounds. The grading and filling has been done about Wells Hall. The execution of Mr. Simonds recommendations concerning new roads is now in progress. The main drive leading from in front of Secretary Brown's house to the library, and the road running in front of Howard Terrace and the woman's building are both being sodded down. These roads are replaced by one new road which is nearly intermediate between the two

old ones. The drive from the post office to College Hall will be taken up this fall. The old drives will be sodded and seeded so that they will be a part of the lawn by next May.

It is expected that when the macadamizing of Michigan avenue is completed, which will be about Oct. 1st, the machinery can be used to macadamize a strip of road on the campus. The department has been accumulating stone for this purpose, and has enough to macadamize several hundred feet of road. It is thought that the drive from the Women's Building to College Hall or further will be improved first.

Following the recommendation of Mr. Simonds the secretary is now building a large concrete viaduct from the point east of the Women's Building, where the swamp drain crosses the road to the point east of Abbot Hall by the large willow near the rustic bridge, where the old drain discharged into an open ditch. This viaduct will carry about twice as much water as the old drain and should be able to handle all the water that comes down the natural drainage course that it occupies, except perhaps in very exceptional floods. This relieves the Women's Building from danger of flooding the basement. It also, unfortunately, cuts off the water supply of the little lake.

The intolerable mosquito nuisance of the past summer, part of which undoubtedly came from this lakelet, has created a sentiment on the campus in favor of abandoning the lake. Another plan is to drain it, cover the bottom with a foot or more of clay, and run a supply pipe to it from the head of the viaduct, and provide it with a gate so that the water that drains into that from the swamp above may be diverted into the lakelet, as much as is necessary to keep it full. Still another plan, which is suggested by Mr. Gunson, is to make a new lakelet in the natural depression east of Abbot Hall where the viaduct discharges.

This could be done at little expense, and it is thought that there would be sufficient water and sufficient fall to prevent stagnation, and the breeding of "wigglers"; if not, an artesian well could be driven here, but it could not where the present lakelet is located.

POULTRY DIVISION.

The work which was undertaken in the poultry division has been practically completed so far as this season's building work is concerned. The incubator house, a two story building 18 by 36 feet is complete and equipment has nearly all been installed ready for operation. This building is fitted for operating incubators in the basement and also for a work and instruction room for students on the ground floor.

A poultry house 15 by 84 feet has been completed with a capacity for handling about 175 mature fowls, with 25 per breeding pen. The grounds occupied by the poultry division have been enclosed by a 72-inch heavy poultry fence. As a result of the work of incubation and care of chicks which was begun April 1 we now have a stock of nearly 500 chickens representing five different breeds. This work is in charge of Mr. J. G. Halpin of Cornell University.

M. A. C. Real Estate Agency. All kinds of real estate for sale or rent. FIRE AND LIFE INSURANCE. Students property insured in dormitories and private houses at lowest rates. Office at College Grocery Building

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.

WAGENVORDE & 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 683.

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.

GOTTIEB REUTER.

Washington Ave. South.

DRUGGISTS.

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

ROBINSON DRUG CO., successors to Alsdorf & 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, Telegraph Instruments and Telephones. 11 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 every thing 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. 1630. Rooms 213-204 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 6:30 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.