

The M. A. C. RECORD.

MICHIGAN AGRICULTURAL COLLEGE.

ALUMNI NUMBER.

VOL. 18.

EAST LANSING, MICHIGAN, TUESDAY, APRIL 8, 1913.

No. 27



AN ANCIENT LANDMARK.

THE PORTRAIT FUND.

The success of the movement for an oil painting of Doctors Beal and Cook, which the Alumni Executive Committee undertook to direct a few weeks ago, has rather gone beyond the expectations of this committee, so far as promptness and enthusiasm of responses from the alumni is concerned. The amount contributed has come to exceed somewhat \$700, and almost daily new contributions are received. The numbers of those who have contributed are approximately 300, and doubtless many more will become supporters of this undertaking before finally the contracts for the paintings are let.

Not the least part, by any means, of the many gratifications of this whole movement are the numerous letters of endorsement, flicitating the committee on affording an opportunity to, in this way, celebrate the memories of these revered men. Indeed, the whole movement seems to have been taken by the alumni as an occasion for a species of appreciation offering, and if the words of praise and regard which have almost invariably accompanied the subscriptions could be preserved as perfectly as will the features of these men by the proposed paintings, a regal tribute would indeed have been perfected.

We are printing in the issue of this week some of these letters, and we suggest that they will find a warm response from the hearts of many of our M. A. C. families who may read them.

The answers of the alumni to the questionnaire with respect to a permanent alumni secretary have been almost uniformly in approval. We contemplate later the compilation of all these answers, and of making a formal statement of the conclusions arrived at by this test of opinion. Some plans have been communicat-

ed to us with regard to the nature of this secretaryship, its purpose and its functions. A notable instance of this sort came from a committee of the Chicago M. A. C. Alumni Association, which was appointed to design plans for some affiliation of all the local M. A. C. alumni associations. We hope other suggestions will come in, and that some plan may be evolved for eventually making the conception a success. Plans directed toward this end should be formulated at once, since the pleasures and haste of alumni day makes that occasion unsuitable for bringing any constructive work to pass.

The Executive Committee will gladly welcome any suggestions from those interested with regard to the alumni secretaryship, and with regard to the annual meetings of the alumni associations.

Very sincerely,

THE EXECUTIVE COMMITTEE.

MRS. GUNSON AT REST.

Mrs. Thomas Gunsan passed away at her home on the campus Tuesday, April 1, after many years of pain and suffering. She was born in Scotland nearly 64 years ago, and for 22 years has been a resident of M. A. C., during which time Mr. Gunson has been connected with the college.

Though Mrs. Gunson had been an invalid for so many years, and thus unable to mingle with those about her, she has always exerted, in her quiet way, the influence which makes for better things in the lives of our boys and girls. No one has ever visited her home, or come in contact with her life, without having been benefited thereby.

The funeral service was conducted from the Union Literary Society building at 2 o'clock on Thursday.

Rev. Horace Cady Wilson, of the First Presbyterian church, officiated, and was assisted by Rev. William Steensma, of the People's church at East Lansing.

A large number of both college and Lansing friends were present to pay their last respects to the deceased, and to extend sympathy and aid to Mr. Gunson at this time. The floral offerings were most beautiful, and proved in only a slight way the esteem in which Mrs. Gunson was held.

Mr. Patten sang two solos, with Miss Freyhofer at the piano. Mrs. Gunson was laid to rest in Mt. Hope.

THE PORTRAIT FUND.

Grateful acknowledgement is hereby made by the executive committee to the following subscribers:

H. R. Smith.
G. E. Lawson.
G. H. Allen.
Joe Tower.
H. V. Clark.
E. Davenport.
L. A. Clinton.
F. C. Green.
Geo. Humphrey.
E. W. and Tressa Bristol Ranney.
M. W. Gray.
L. Whitney Watkins.
F. W. and Mrs. Myrta Severance Bardeen.
A. G. Craig.
W. K. Prudden.
E. J. Fletcher.
Jas. H. Tibbits.
L. H. Dewey.
E. H. Adams.
Miss Alidis Alexander.
A. M. Patriarche.
W. L. Carpenter.
C. H. Briggs.
G. W. Gutekunst.
Mrs. Katherine C. Briggs.
J. D. Stannard.

ALUMNI

'76.

Jay D. Stannard writes from Roswell, N. M., where he has been engaged in some special work on the Hondo River for the Reclamation Service. He plans to spend the summer in work in Southern Colorado, on the upper watershed of the Rio Grande. Mr. Stannard states that he is heartily in accord with the movement to establish a portrait fund, and wishes to see it succeed.

'84.

We quote from a letter written by John J. Bush, of the above class: "I derive much pleasure from the weekly visit of the RECORD, though many of the names appearing therein are strange to me. If the exacting duties of the automobile game will permit, I will be at the reunion in June. As every one sooner or later visits New York, I would like all the old boys who may chance to be in this neighborhood to look me up. I am very busy, *farming on Broadway*, but can always manage a little time off for any of the old friends, and would be glad to explain all the *tall buildings* and other sights of the metropolis." The business address of Mr. Bush is 244-250 W. 49th St.

'98.

Herbert L. Fairfield has recently been appointed supervisor of mails by the Yazoo and Mississippi Ry. Co., with headquarters at Chicago. Mr. Fairfield, who was an M. A. C. student in '94-'96, was for a number of years railway postal clerk at Los Angeles. He was a son of E. B. Fairfield, '71, who died in 1896. Mr. Fairfield's Chicago address is 135 Park Row.

'01.

George Severance, now superintendent of the Western Washington Experiment Station, at Puyallup, has been elected head of the department of agriculture, and acting head of the extension department at Pullman, Washington. Mr. Severance was formerly professor of agriculture at Pullman, but resigned to accept an important position with a land company in Alberta. He is spoken of as one of the best known agriculturists in the northwest.

'02.

We are in receipt of the quarterly bulletin of the Stephenson Training and Agricultural School at Marinette, Wis., of which D. S. Bullock is in charge. A system of free extension work has been organized by this school, and an attempt is being made to help the farmer by co-operating with him along the various lines of endeavor. The work is fully explained in this bulletin, and a complete statement of the seed corn situation for 1913 is also published, with suggestions as to spring planting.

The M. A. C. RECORD

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

B. A. FAUNCE, MANAGING EDITOR

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TUESDAY, APRIL 8, 1913.

COPIES of this week's RECORD are being mailed to all alumni, as we are sure each one will be interested in the progress of the portrait fund movement, as well as in other matters herein published. Plans are going forward for a big, busy reunion in June, and you will all surely be here. Plan now to come. As soon as more definite plans are formulated, we shall issue another extra triennial number, in which will be published some things you want to know about. The local alumni meet tomorrow evening, and the triennial will be "set in motion."

Following are quotations from some of the letters received by Dr. Hedrick, as chairman of the committee:

Storrs, Conn.

I hope to be at the Reunion, but cannot settle yet. Can decide a month later. A. G. Gullley, '68.

New York City.

Enclosed find —, to be placed to the credit of the portrait fund you have so kindly offered to collect. Hope you will meet with the success the proposition merits.

C. W. Gammon, '79.

Auburn, Ala.

Enclosed you will find my contribution to the fund for purchasing the paintings of Dr. Beal and Dr. Cook. It is a pleasure to help in a work that will show our appreciation of these mighty teachers of nature's works. I am also in favor of a permanent secretary, as there is a great work for such a person to do.

H. M. Conolly, '08.

Here is one from far away Alaska:

Your circular letter dated February 8 has just been received. I am heartily in favor of all the measures you propose,—that is to say, an oil painting of Professor Cook and an oil painting of Dr. Beal, and a permanent secretary for the alumni association.

As to the suggestion for a permanent secretary for the alumni association, I consider it a matter of very great importance. The alumni are drifting apart more and more, particularly the older men, because of the lack of a connecting link such as a permanent secretary would be. For several years, and until the publication of the last catalog of graduates, I was unable to learn the addresses of even my own classmates. Work up the matter of a permanent secretary.

Very truly yours,

C. C. Georgeson, '78.

Detroit, Mich.

Enclosed find check for contribution for painting of Professors Beal and Cook. I am glad to hear that the movement was successful.

James S. Holden.

Detroit, Mich.

I take pleasure in enclosing my contribution towards the purchase of the oil paintings of Prof. Cook and Prof. Beal. I trust this undertaking may be successful in every way, and that I may have the pleasure of seeing the portraits some time in the near future.

Arthur Jones, '81.

St. Paul, Minn.

I feel sure that every loyal alumnus of the M. A. C. will be delighted to assist in such an undertaking, and shall be glad to know what sum will be needed for the purpose.

H. R. Smith, '95.

Pasadena, Calif.

Your interesting mission reached me here, where Mrs. Garfield and I are domiciled with the family of my classmate, Henry G. Reynolds. I am in complete sympathy with your suggestion concerning Dr. Beal and Prof. Cook, and will be glad to cooperate with fellow alumni in the line of your purpose. I will forward your letter to our G. R. M. A. C. organization, with request that it be given attention. I know the living members of my own class will be happy to contribute, but it seems to me the thing to do is to carry on the agitation you have initiated, and at the triennial consummate the project. In the meantime, I will assure you of the hearty cooperation of the class of '70.

Has the college a good portrait of Prof. Fairchild? I always connect the success of the college with the pioneer efforts of Abbot, Fairchild, Kedzie, Miles and Cook, and Prentiss. Their faces should be made familiar to all generations of boys and girls of M. A. C.

Thank you for writing me, and always command my service in promoting the welfare or preserving the genius of my Alma Mater.

Yours faithfully,

Chas. W. Garfield, '70.

(Continued on page 4.)

DEAN GILCHRIST RESIGNS.

Dean Maude Gilchrist has been tendered a position at Wellesley College as Associate Professor of Botany, and has presented her resignation as Dean of Home Economics at M. A. C., same to take effect at the close of the present college year. As the board has had no meeting, her resignation has not been acted upon. As the position at Wellesley is, however, a very desirable one, it is very probable that she will be released in order to accept.

Miss Gilchrist has been in charge of the women's department at M. A. C. for 12 years, having begun her work in 1901. The building had then been occupied but one year. During her stay at M. A. C. many important changes have been made, and also many improvements brought about, as well as substantial growth in the number of students in her department. That Miss Gilchrist has been most successful in her work at M. A. C. is evidenced by the fact that the numbers have increased 125 per cent.

The call from Wellesley is a rare compliment to Dean Gilchrist, as she spent some time in study in that institution, and was also connected with the department of botany for ten years. She will remain at M. A. C. until the close of the school year.

ADVANCED DEGREES 1913.

Below are the names of all those who have satisfied the conditions for enrollment and are regularly registered as candidates for advanced degrees. If further requirements regarding theses, etc., are complied with, these applicants may be expected to qualify and receive diplomas at commencement, June 24, 1913. Unless otherwise indicated, the candidates have received the Bachelor's Degree at M. A. C.

For Master of Science.

Svetlikoff, Konstantin, Russia.
Ross, Chas. Burt, W. Va. U., '07.
Oviatt, Chas. Jay, '09.
Fisher, John Welton, Williams, '11.
Hurley, John Carleton, Syracuse, '11.

For Master of Agriculture.

Skinner, J. Hackley, '01.
Carrier, Lyman, '02.
Foster, Floyd Ossian, '03.

For Master of Horticulture.

Reed, Clarence A., '05.

For Civil Engineer.

Hunt, Horace Sinclair, '05.
Thatcher, Fent Edwin N., '07.
Johnson, Sidney Egbert, '04.
Johnson, Maurice Flower, '07.
Dikeman, Myron Jay, '08.
Cavanagh, John Griffith, '06.
Merwin, Clyde Elman, '08.
Lambert, John Robert, '06.
Cade, Claude Marshall, '07.
Severance, Howard D., '03.
Auten, Claude I., '05.
Spencer, Louis Martin, '06.
Steele, Joseph Herbert, '08.

For Mechanical Engineer.

Hill, Newell Johnson, '08.
Gurney, Dayton Alvin, '04.
Bates, Erastus Newton, '06.
Piper, William Eugene, '07.
Pokorny, Emil Chas., '07.
Ireland, Capt. Mark Lorin, '01.

For Master of Forestry.

Goetz, Christian Herman, '07.
Sanford, Frank Hobart, '04.

For Master of Home Economics.

Northrup, Lydia Zae, '07.
Krentel, Calla Lily, '07.
Gilger, Mrs. H. C., (Amy Vaughn), '07.
Raven, Paulina Elona, '05.
Ireland, Mrs. M. L. (Irma Thompson), '00.
Reed, Mrs. C. A., (K. McNaughton), '05.

F. A. Loew, '04, teacher of science in Central College, Huntington, Ind., was a college visitor Saturday. Mr. Loew was on the program of the Michigan Academy of Science at Ann Arbor.

M. A. C. alumni and friends of the institution will be glad to know that the college appropriation bill, calling for one-fifth mill on the taxable property of the state, has passed the Senate; and that without a dissenting vote. We hope to report that the House has "followed a good example" in next week's RECORD.

The annual meeting of the state society for the promotion of agricultural education will be held at the college on April 25 and 26. Prof. K. L. Hatch, of the University of Wisconsin, will be present, and will give an address on the 25th. It is also planned to have another speaker from outside the state for the session on the 26th, but nothing definite has been decided. R. A. Turner, '10, of Hillsdale, is president of the organization.

SENIOR ENGINEERING THESES.

"Power Station, Dam and Distribution System at Beulah, Michigan." G. Allen, E. C. Kiefer.

"Washington Avenue Bridge." J. A. MacDonald, E. H. Meyer.

"Analysis of Cedar Street Cement Bridge, Lansing." E. K. Lovelace, A. F. Zickgraf.

"Heating and Ventilation Design for East Lansing Schools." F. E. Andrews, G. L. Lardie.

"Analysis of Michigan Avenue Arch, Lansing." W. S. Cumming, L. A. Prescott.

"Kerosene Carburetors." C. L. Bauer, L. W. Dunn.

"Investigation of the Sewer System of Lansing, West of the Grand River." W. C. Gribble, G. Harvey.

"Tests on Copper Rail Bonds to Determine the Cause of Failure." R. E. Bissell, L. H. Thompson.

"Water Supply Reservoir and Distributing System, LaPorte, Ind." M. DeGlopper, F. J. Walsh.

"Construction and Test of a Modern Wireless Telegraph Station." I. E. Brands, E. G. Chambers.

"Design of a Dam at Dimondale, Mich." T. J. Dean, J. J. Harris.

"Test on Skinner Engine in College Laboratory." C. H. Doan, E. M. Kanters.

"Problems in Works Management." S. J. Filkins, O. E. Robey.

"Analysis of the Grand Rapids Water Purification Plant." L. W. Campbell, E. C. Douglas.

"A Comparative Test of Different Makes of Gasoline Engines." N. B. Gridley, G. A. Newhall.

"Reduction of Water Waste in the City of Lansing." E. H. Collins, E. H. Shuttleworth.

"Investigation of Power for Factory at Flint." R. E. Graves, D. D. Stone.

"Test of Steel Before and After Heat Treatment." D. G. Hack, C. Nilson.

"Analysis of Sewer System at Owosso, Michigan." W. F. Bauer, H. M. Ward.

"A Study of the Development and Application of Certain Phases of Efficiency Engineering." R. R. Haugh.

"Efficiency Test of A. C. Motors." J. V. Hilbert, A. B. Mead.

"An Investigation of a Method of Introducing Liquid Fuel into an Internal Combustion Engine." H. M. Jacklin.

"Analysis of the Elkhart, Ind., Water Works." W. R. Riblet.

"The Hydro-Electric Development of Black River at Bangor, Mich." G. C. Dillman, C. H. Hall.

"An Investigation of the Water Power of the Western Knitting Co. at Rochester, Mich." C. B. Chapman, E. B. Gaffney.

"A Comparative Study of Various Methods of Supplying East Lansing with Electricity, Steam, Gas and Oil Engine and Sub-Station." G. Stege, J. Van Kerckhove.

"The Effect of Various Chemicals on Neat Cement." L. P. Kelley, M. H. Moore.

"Hydraulic Head Increaser for Power Dam." R. G. Chamberlain, C. A. Gilson.

"Bridge at Entrance of Athletic Field." H. H. Bradley, D. C. Hammond.

"Works Management Study." W. L. Nies.

A. J. Runner has completed his work for graduation, and has been elected superintendent of schools and teacher of agriculture at North Adams, in place of J. W. Chapin, '10. Mr. Chapin resigned to accept the position of farm specialist in Branch county.

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ABOUT THE CAMPUS

Two of the senior girls have
elected poultry husbandry for the
spring term.

The course in textiles is being
repeated this term for the benefit
of those seniors in home economics
who have not had opportunity to
take it.

Miss Mabel Long, director of
physical training for women at M.
A. C. from 1908-10, has been spend-
ing the past week with college
friends. Miss Long is now in
charge of the girls' gymnasium in
the public schools of Davenport,
Ia.

The Michigan representatives at
the National Marketing and Farm
Credit Conference, which was held
at Chicago, April 8 to 11, were
Senator Hutchins, Representative
McNaughton, Hon. C. J. Monroe,
Sec'y A. M. Brown, Dean R. S.
Shaw, Dr. Eben Mumford, J. H.
Skinner, and others. Mr. H. E.
Young, '02, editor *Farmers' Re-
view*, was very prominent in the
management of the conference.

The college appropriation bill,
calling for one-half mill tax, has
been held up by the Ways and
Means Committee of the House,
said committee going on record as
not favoring a mill tax. The mem-
bers state that they are not against
appropriations for specific purposes,
and the "needs" of the institution
will be considered. Just what this
means to our hopes and aspirations
we are unable to say. Members of
the Board meet the Committee to-
night to discuss the situation.

Mrs. A. Abbot is building a home
on Sunset Lane, immediately north
of Field Agent White's property.

About ten of the senior Horts.
spent Wednesday and Thursday
writing civil service examinations
in pomology and plant breeding.

The fine beech tree northeast of
Abbot Hall is undergoing a treat-
ment by tree doctor P. I. Allen a
senior Hort. and professional tree
surgeon. The case is attracting the
attention of all passersby.

J. W. Chapin, '10, who has been
in charge of the agriculture in the
high school at North Adams, has
been chosen as county agriculturist
for Branch County, and begin his
new work the first of April.

Dr. G. D. Shafer has purchased
the very pretty building site in the
grove northwest of Dr. Notting-
ham's property, and has already be-
gun building operations. Prof.
Wilson is also building a house on
the lot purchased of Dr. Notting-
ham, and will make his home here,
having sold his property on Grove
St. to Mrs. A. Abbot.

While on business in Lansing
last week, A. J. Doherty, of Clare,
member of our State Board of Ag-
riculture, suffered an attack of acute
indigestion, in his rooms at the
Hotel Downey. A doctor and
nurses were summoned, and for a
time his chances for recovery looked
rather doubtful. He was removed
to Battle Creek Sanitarium Satur-
day, and at last reports was on the
gain.

A baby daughter, Dorothy Eli-
nor, came to gladden the home of
Instructor and Mrs. Emmons, Fri-
day morning of last week.

The gymnasium in the Woman's
building has been in the hands of
the painters during vacation week,
and has been put into fine condition.
The soft tan shade on the wall gives
the room a very pleasing appear-
ance.

Mr. B. B. Adams spent his vaca-
tion accompanying a carload of live
stock on its way to the Upper Pen-
insula sub-station at Chatham.
The car left Lansing, April 2d, and
reached its destination April 5th.
Mr. Adams reports that he enjoyed
the trip, except for the snow storms
and the midnight calls of some new
arrivals in the sheep pens.

During the past week Mr. W. F.
Raven, live stock field agent, made
a trip to the Upper Peninsula, to
confer with those in charge of the
Newberry State Hospital, and to
give advice concerning the manage-
ment of the farm which is operated
in connection with that institution.
Mr. Raven also met with an or-
ganization of men at Manistique
who are interested in the develop-
ment of the dairy conditions of that
locality, which are comparatively
new. At both these places Mr.
Raven gave assistance which was
very much appreciated, and letters
have been received expressing the
hope that the college extension
staff would be increased, so that all
such requests for assistance in farm
management could be taken care of.

The Horticultural Department
have a quantity of extra fine Sir
Walter Raleigh seed potatoes for
sale.

Prof. Sanford, of the forestry
department, speaks before the Hort.
club Wednesday, at 6:30 p. m.
Subject, "Rejuvenating and Rent-
ing of Orchards."

Robert D. Graham, of Grand
Rapids, now president of the State
Board of Agriculture, and Mr. A.
J. Doherty, of Clare, senior mem-
ber, were both returned to office for
terms of six years on April 7.

The editor recently called on Mr.
and Mrs. E. E. Sours, in their home
in Cadillac. Mr. Sours is the popu-
lar county surveyor of Wexford, and
finds plenty of teaching work to fill
in his spare hours. There were
four candidates for said office in the
primaries, but Mr. S. won out
handily. He will return in Septem-
ber and complete his college course.

An evidence of the influence of
the widespread agricultural move-
ment, which has been taken up by
all branches of the press, great com-
mercial enterprises, as well as
schools, colleges and experiment
stations, is seen in the daily mail of
the office of dean and director. An
approximate average of one hun-
dred pieces of first class mail are re-
ceived in this one office, which in-
clude questions on all branches of
agriculture, requests for men to
manage farms, letters from city
men who contemplate moving to
farms, and numerous requests that
it would be hard to classify.

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**DETROIT Y. M. C. A. TAKES
CARE OF STRANGERS
COMING TO THE
CITY.**

Special Secretary in Charge, Assisted
by 77 Other Men Known as
"Key Men."

Parents of young men who are leaving home to go to Detroit will be interested to know of a new department that has recently been installed by the Detroit Young Men's Christian Association.

It is called the Inter-City Work Department, and its purpose is to get in touch with young men immediately upon their arrival in Detroit and see that they are comfortably located in proper boarding houses—that they receive all the assistance possible in obtaining positions, and that they get in touch with the right kind of friends and companions.

It is a recognized fact that many young men are led astray on their arrival in the city, due to their not knowing where to locate and with whom to associate.

It is the desire of the Detroit Young Men's Christian Association to see that these young men secure boarding and rooming places of the proper characters, and that they are lined up with fellows who will be a benefit rather than a menace; fellows who will take friendly interest in seeing that these strangers are made to feel at home in the city. Also that invitations are given and accepted to attend church and sessions of the Sunday School of their religious belief.

An organized force of seventy-seven fine young men in Detroit are ready and willing to call upon the strangers and render the service needed. It is desired that it be thoroughly understood that this is purely a plan of helpfulness and friendliness, with not the slightest obligation placed upon the recipient, either as to fee or membership.

Quick action is impressed upon the "Key Men" who do the visiting in Detroit, for it is recognized that far more lasting benefit can accrue to the party called upon within forty-eight hours after he reaches the city.

All young men are made most welcome, and they will find those whose pleasure it will be to serve. Parents and friends are invited to send notice of the coming of their sons, giving Detroit address, and they may be assured that prompt attention will be given to all requests.

It is the desire of this department to establish "Key Men" in every town or hamlet within at least a hundred miles of Detroit, or in those places where the trend of travel is toward that city. Two hundred such "Key Men" are now appointed, and the name of seven hundred young men leaving for Detroit have been sent in.

The Detroit Young Men's Christian Association is never too busy to endeavor to locate your son and render every possible service within its power.

THE EUNOMIAN PRIZE.

The Eunomian Literary Society are again offering a prize of twenty-five dollars, to be given at commencement to the student doing the best piece of literary work during the year. This work may be either in the form of story, essay, poem or drama.

The judges, of which there shall be three, will be of known literary judgment, and are to be selected by the English department, and in no way connected with the college. Members of the above named society will, of course, have no advantage in this contest.

Manuscript must be submitted not later than May 15. In many cases, students in English classes can offer their contest manuscript for credit as written work in connection with the classes.

Any who are interested should take this matter up with his or her teacher at once, and arrange to enter the contest. Some one will win. You have a chance.

97.

E. C. Green, with the U. S. Dept. of Agr., writes Dr. Hedrick as follows:

"Herewith are my contributions to the portraits of Dr. Beal and Prof. Cook. If larger amounts are desired, let me know.

"I have just accepted a position with the Brazilian government, and leave in a short time for Coroata, where a new cotton experiment station is to be located. Coroata is about 100 miles south of S. Luiz do Maranhao, on the north coast of Brazil. There is no railroad, and conditions there are primitive in the extreme. It is 4° south of the equator, hence somewhat warm. Outside of malignant malaria, beri-beri, and yellow fever, there are no diseases there to speak of. I anticipate an interesting adventure, at any rate, and there may be a great opportunity there with the cotton plant. Of course, I am leaving my family here in Washington, where they may be reasonably comfortable.

"I retain my connection with the U. S. Dept. of Agr., by holding a commission as "colaborator" while abroad, and making collections for our government."

Miss Lutie Robinson, '12, left for her home at Ellsworth, Wednesday of last week, accompanied by her mother, who had been with her for the past five or six weeks. Miss Robinson has taken practically full charge of the Gunson home since the illness of Mrs. Gunson.

EVERY reader of the M. A. C. Record is cordially invited to visit our store, use our rest room, telephone, and our mail order department by writing for samples or ordering merchandise; money refunded whenever you are not pleased.

NEW SPRING CATALOGUE

Our New Spring Catalogue, showing the newest and smartest styles in coats and suits for women, misses, juniors and girls, is now ready for distribution. If you have not yet received one, send us a post card and one will be mailed to you immediately. Any garment ordered from this catalogue will be sent to you all charges prepaid. Satisfaction guaranteed.

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J. W. KNAPP & CO.
CENTRAL MICH. RELIABLE STORE
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WOMEN'S AND
MEN'S
FURNISHINGS
DRY GOODS

About a dozen and a half Hort. students spent the vacation pruning orchards. Some went as far as a suburb of Chicago.

"Cucumbers as a cash crop" is the title of a four-page circular just issued by the experiment station. It was written by Walter Postiff, '12, by request of the Hort. division. Postiff has grown this crop on his home farm on commercial scale for several years.

The historic pear orchard west of the residence of Pres. Snyder is being cut down. It has very largely served its purpose, and was an expense to maintain, especially since the harvesting of the crop was so uncertain. The land will be planted with ornamental trees and shrubs.

**Lawrence & Van Buren
Printing Company**

210-212 Grand Ave. North

**THE RIPLEY & GRAY
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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 is still with M. A. C. A handy parlor, and good work done.

NEW BARBER SHOP. In Chase Building, under Bauer's Drug and Grocery Store. If you wish a stylish hair cut give us a call. E. E. Reynolds, Prop.

BOOKS AND STATIONERY.

A. M. EMERY, 116 Wash. Ave. N. Books, Cards, Stationery, Engraved Calling Cards, Fountain Pens, Pictures, Frames, Fine Framing a Specialty. Up-to-date styles. Cut Glass—cut in Lansing.

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BLUDEAU & SIEBERT.—Bookbinders, account book makers, paper ruling, library and fine art bindings, file boxes, map mountings, albums, pocket books, etc. Citizens' phone No. 489. In City National Bank Building. Geo. G. Bludeau and Henry H. Siebert.

CLOTHING.

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

CROCKERY AND GLASSWARE.

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

DENTISTS.

N. H. MOORE, D. D. S. Office 411-413 Hollister Building, Lansing, Mich. Bell phone 380-J; Citizens Automatic 3804.

D. E. PARMELEE, Dentist, 117½ Washington Ave. S., Lansing, Michigan. Automatic phone, office 3402; residence, 3408.

J. E. STOFFER, D. D. S. Office 208-5 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.

COLLEGE DRUG AND GROCERY CO.—Express office. Agency Star Laundry.

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J. W. KNAPP CO.—Dry Goods and Furnishings. 220-224 Washington Ave. S.

MILLS DRY GOODS CO.—Dry Goods Suits, Coats, Waists, Art Needle Work, Etc. 108-110 Washington Ave. South.

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

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

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

MANUFACTURING AND HAIRDRESSING.

MRS. O. T. CASE.—Manufacturing, Shampooing & Hairdressing Parlors. Switches made of cut hair or combings, also colored and renovated to look as good as new. The Franco-American Hygienic Toilet Requisites a SPECIALTY. Automatic phone 551. 220½ Washington Ave. S.

MUSICAL INSTRUMENTS.

GRINNELL BROS.—"Michigan's Leading Music House." High Grade Pianos and Player Pianos. Easy Terms. Pianos to Rent—Year's Rental out on Purchase. Everything in the Realm of Music. LANSING STORE: 219 N. Washington Ave.

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DR. OSCAR H. BRUEGEL.—Cor. Mich. Ave. and Grand River Ave., East Lansing. 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. Citizens phone 1344; Bell 625.

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.

EYE, EAR, NOSE AND THROAT.—Dr. J. S. Owen, 115 W. Allegan St., Lansing. Citizens phone 478.

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