WASHINGTON ALUMNI MEETING.

The Washington M. A. C. Alumni Association assembled for an alumni meeting at Freund's Hall, Monday evening, February 20. Owing to the presence of a number of out-town alumni who were in the city attending the National Farm Management convention, the meeting was held in the hall, and instead of the usual banquet, an informal buffet luncheon was served.

After the "eats" had all disappeared, President W. A. Taylor arose to address his students, making a three-graded talk. Thirty-six graduates, representing 22 classes extending from 1909 to 1922, responded to the roll call. Those were: W. S. Tracy, '97; S. M. Tevis, '05; Jas. H. Tibbits, '07; Donald Whelen, '09; Jason Woolman, '10; W. A. Taylor, '88; L. H. Dewey, '88; Dr. N. S. Clark, '84; L. A. Clinton, '89; W. J. Myers, '91; H. B. Fuller, '92; Walter Grosbeek, '93; C. R. Smith, '93; C. P. Close, '93; J. E. W. Tracy, '96; E. C. Green, '97; H. H. Skeels, '98; Mary (Baker) White, '98; H. J. Rogers, '91; C. F. Redel, '90; M. A. Crosby, '92; J. M. Rankin, '92; F. D. Stevens, '93; Arthur Adleman, '94; A. A. Sullivan, '94; H. J. Schneider, '95; Herman Schrialter, '95; O. B. Barrett, '95; Cora Feldkamp, '95; Anna (Pickert) Gurney, '95; C. A. Reel, '95; W. B. Livermore, '97; Roy White, '97; R. J. Carr, '98; L. E. Allen, '99; H. C. Hoag, '99; W. C. M. Hoover, '00; C. A. Clinton and three daughters; Mrs. L. H. Dewey and daughter; Mrs. W. A. Aitch; Mr. Robert Grosbeek; Mrs. C. P. Close, Mrs. E. C. Green; Mrs. W. F. Wright; Mrs. H. H. Skeels; Mrs. W. J. Aves; Mrs. H. B. Fuller; Mrs. H. C. Hoag; Mrs. A. A. Sullivan; Mrs. H. J. Schneider, Mrs. Arthur Adleman, and Mrs. R. J. Carr.

After roll call President Taylor called on visiting alumni for five minute talks, and responses were made by N. M. Tracy, Jason Woolman, Dr. N. S. Mayo, H. B. Fuller, C. P. Close, and J. H. (Dashi) Skinner. L. A. Clinton, and E. C. Green. Recent acquisitions to the Washington collection, were given permission to make their talks. By special request, our youthful W. J. Tibbits, '02, who is now engaged in assisting Andy Cassady, distributed a few of his millions, gave a very learned discourse on international peace. Mrs. W. F. Wright, representing Mrs. W. F. Wright, and of her husband's adventures in chasing wild plums and other unknown things. He has his heart set on the wilds of South America.

About this time some enthusiastic lecturers suggested that "Frisby" Sheets entertain the company with his world renowned piano playing, but he was not ready to leave the hall, the proposition was voted down before any damage could be done.

Officers elected for the year 1913 were as follows:

President, W. W. Tracy, '07.
First Vice-President, D. A. Garrett, '93.
Second Vice-President, Mrs. Elva Hicks.
Treasurer, M. A. Crosby, '02.
Secretary, Cora Feldkamp, '05.

After the business meeting was adjourned, most of the old boys gathered until a late hour, reminiscing and telling of the stunts they pulled off those early days. Verily, they must have been a bold, bad, bunch, and if all were as bad as they claim to have been the mystery is, how did they graduate.

DEMONSTRATION IN BACTERIOLOGY.

Thursday, Friday and Saturday.

A demonstration in bacteriology, prepared by the laboratory of bac teriology and hygiene, will be one of the features at M. A. C. Round-up week. It is given at this time in order that those in attendance at the Round-ups as well as students and scholars, may have the benefit.

The plan will be much the same as that carried out in previous years. The demonstration on Thursday afternoon, includes work in the pathological division, sanitary science and allied.

In addition there will also be exhibited specimens and results of investigation in general microbiology, bacteriology of domestic science, and dairy bacteriology. Under "Under the Microscope," will be found various tools of the bacteriologist, how micro-organisms grow, cultures, yeasts, etc.

In domestic science, the following phases will be noticed: Preservation and deterioration, the effect of heating, drying, evaporating, sterilization, pasteurization, salting, sugaring, yeastings, baking, heating, etc.

Under dairy bacteriology, specimens will be available and full explanation made as to milk, contamination, constituents of milk, butter and cheese, starters, and the like.

In sanitation will be explained water bacteriology, sewage, contaminated cesspools, distilleries, etc., and in soil and due attention will be given to micro-organisms, functions of same, timing and its results.

A number of interesting specimens will also be presented along the pathologic line, and altogether forms an interesting and instructive exhibit and demonstration.

A special invitation is extended by the department to all college people and their friends to visit the Round-ups at this time, and courtesy will be shown those in charge of the various exhibits.

1907-08.

Mr. and Mrs. O. A. Kratz, of Portland, Oregon, announce the birth of a son, Winton George, on February 7.

FRANK ROGERS FOR HIGH-WAY COMMISSIONER.

The republican convention held in Lansing recently placed in non-official election, who is capable man for the office of state highway commissioner in the person of Frank Rogers, of Lansing.

Mr. Rogers is an old M. A. C. man, graduating in 1921. He spent his time in engineering course after graduating, in Sanilac county, finally going to the city of Port Huron as city engineer.

In 1925, when the state highway department was organized, he became county commissioner, and has served the state in that capacity for three years. He has now served the state as deputy state highway commissioner for three years. His public relations, and the fact that the republican party is about to promote him to the office of commissioner is the reason for this nomination.

In connection with this nomination, the Detroit News comments as follows:

"The nomination of Frank Rogers as republican candidate for state highway commissioner at Lansing was one of the most progressive acts of the convention and was characteristic of the trend of new politics. The convention evidently decided to place before the people a real man for the supervision of roads."

It is an indication of progress when an objective political convention, which was the affair of old boys who understand the business are about to undertake.

TAU BETA PI INITIATES.

Wednesday morning, campus people hurrying past College Hall, the post office and the women's dormitories, to their first hour classes were greeted by a procession of Tau Beta Pi members bringing forth the winter term initiative. The successful candidates to be taken into the honorary engineering fraternity, who were chosen from the eighth of the junior engineering class having the best scholarship, are:

Frederick H. Mueller, Grand Rapids, S. Mills Dean, Traverse City; Albert L. Hibbard, Muskegon; George E. Gottsch, Detroit.

In addition to the wearing of the fraternity colors and emblems, the line of public initiation, which is the formal part of the performance of two experiments relative to engineering fundamentals. The first was the determination of journal friction under different conditions, by means of a disk and axle caused to rotate in a system of weights, and supported at each end by a bearing. The second was a series of tests upon a structural steel angle, to determine the deflection and stresses under different loadings.

The initiation was concluded Thursday evening by a most successful banquet in honor of the new members, at which Professor H. K. Vedder officiated as toastmaster.

ALUMNI

93rd.

Lillian Wheeler Crosby died at Rochester, N. Y., February 12, at the age of 58 years and 9 months. She had been in poor health for about six months, but did not take to her bed till the first of December. About two weeks before her death she was removed to Rochester in the hope of securing relief, but at that time was beyond medical aid.

She is survived by her husband, D. J. Crosby, '93, three children, Ruth, 8 years, Wheeler, 7 years, and Richard, 3 years, and by her mother, Mrs. C. F. Wheeler, and her sister, Mrs. G. N. Eastman.

Mr. Crosby and his children and Mrs. Wheeler will move the latter part of March to their new farm on Henlick Lake, Springwater, N. Y.

Mrs. M. L. Ireland (Irma Thompson), '09 writes from Ft. Terry, N. Y., that they are getting along very nicely, and that they are getting along very nicely from the time since the changes of location. We quote as follows: "Mark has his farm down by the river now that the duties as company commander, and I have been fully occupied with the Missouri section of the Company, and the three irresponsible youngsters, Mark, Jr., is going to school and learning to read, spell and 'dig' very readily. Maurice, the younger, is at present court fool and principal entertainer of the household."

F. K. Braumaitz recently read an article at the mid-winter convention of the American Institute of Electrical Engineers in New York city. The paper was on "Stray Loops in Synchronous Machines," and has been published in pamphlet form.

100th.

The Daily Tribune of Maryville, Mo., under date of Feb. 14, publishes a full account of the short courses in agriculture being carried on at that place. Among the speakers was Prof. H. L. Kumpeter of the University of Missouri, who gave a series of lectures on poultry lines. A synopsis of his talks was given and a good half ton used in connection.

Albert Fring was in charge of a reconnaissance party during the past summer, and is now in the office at Libby, Montana, working up his notes. He has recently received his appointment as assistant forest ranger.

W. C. Corey called on Dr. Beal at Antrim a few days ago when in search through the east for a farm. Mr. Corey has been associated during the past year with both Dr. Henry of Corn (formerly of Wisc.) and J. H. Hale, the king of the farms. Fring will probably locate near Boston.
The M. A. C. RECORD.

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R. A. Faunce, Managing Editor

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TUESDAY, FEBRUARY 25, 1913.

TRACK MEET.

The track men have been busy working out during the past few weeks with Assistant Coach Conley, first meet of the term Thursday, Feb. 27. On this date about 15 men with assistance will go to Detroit where they meet the track team of Detroit Y. M. C. A.

The events will include the 100 yd. run, 800 yd. run and mile; the high jump, pole vault, shot put, high and low hurdles and the mile relay. Some promising material has been developed in preliminary work and there will be a good showing for the good homes a good a show of the points.

On March 15 the team goes to Ann Arbor for their final meet before the University freshmen in a series of track events and during the spring term the freshmen come to M. A. C. Western Reserve has also scheduled a meet at M. A. C. for some date during the spring.

M. A. C. WINS HOME.

Splendid team work characterized the playing of the home boys in the game with Hope on Friday night. The result exceeded the wildest expectations of the big crowd which came out to see the contest. The final score of 53 to 25 is the largest yet made, with the exception of the Vincennes game.

Practically the entire squad was used, and every man was in fighting form. After a slow start, Chamberlain and Spencer was exceptionally good, although star basket ball was poor. Loker, for the visiters, played a star game, getting a number of baskets from difficult angles. For the home team, Chamberlain secured 5 baskets, Burr, Spencer 3, J. H. Miller 4, Vatz 4, and Gotthiel 1, Spencer threw 6 out of 11 free throws.

As an opener, the East Lansing high school team lost to the team representing Battery A, although the H. S. boys had their opponents going for the win, all the way through. This is the only second defeat for Mr. Bishop's team, which has had a good showing all season.

The home team are away this week for a series of games, the first of which will be played at Trenton Tuesday. The team will be away at Toledo tomorrow night. On the 27th they play Bachtel at Akron; on the 28th Denison at Galion, and on Saturday wind up the series by a game with St. Mary's at Dayton. The schedule is to be released for March 15 when the Detroit "Y" comes here for a return game.

ENROLLMENT IN ENGINEERING SCHOOLS.

The falling off in the enrollment of engineering students at this and other institutions during the past year has been a matter of much concern and the reasons therefore a subject for thought and possibly for action on the part of those most interested.

The exact situation, in a number of institutions if reviewed above table, with which the exception of the figures for M. A. C. was published in the "Week Engineer" for December, 1912.

A study of the table shows that, in general, the reduced attendance began about six years ago. M. A. C. is an exception, the falling off not beginning until here three years since.

The writer attributes the situation, in these two influences, principally: (1) the increasing public interest in agriculture and the presssure, engendered by the conservative attitude of women towards industrial development during the past few years, that the engineering professional field is being flooded with technical graduates.

Minor influences, such as increased effective requirements for entrance, and in course, and the advocacy and introduction of five and six-year engineering courses have also been listed as the above surmise be correct the situation is not disheartening. Fur-

Terns, a strong coincidence has appeared in the very recent demand for technically trained men all lines of engineering work.

This is evidenced by the fact that the members of last year's class of M. A. C. engineers, secured, mostly without assistance from the college officers, positions at notably better initial salaries, than ever hitherto, and that the heads of departments have throughout the present college year, received requests for the same, in excess of their ability to make recommendations. Other engineering schools report the same experience.

This improvement in the general industrial situation is reflected in the increased enrollment of fresh men engineers at M. A. C. for the current year, viz. : (35 per cent) compared with last year's which was the lowest on record for several years.

E. M. Harvey has been granted leave to make use of the room on the north side of the building in which the book store is located for use as a photographer's shop and has already worked up quite a business in his line.

PHYLEAN BANKUET.

The Phylean Literary Society held its winter term bankuet Satur day evening at Club G.

"After the feast, long and gay, Toastmaster W. F. Bauer was in- troduced by President Westvell. Toasts by both witty minoruary were recorded to the following: The Society and the College." - L. KIRSHMAN.

"Another Year Has Passed," by M. W. NENDT.

"On Your Marks," by PROF. MORSE.

"Are We All Dead Yet," by M. A. RUSELL.

OHIO LETTER.

New Concord, Ohio, Feb. 15, 1913.

Mr. B. A. Faunce, East Lansing, Mich.

Dear Sir: I am sending you my little $1.50 for the renewal of my subscription to the M. A. C. RECORD.

Please continue sending it to the present address, so I am not at home except for short stays, and my sisters forward me my copy as soon as it comes.

I am now working for a Chicago contracting firm, and am apt to be absent from the paper somewhat. However, I hope to return to the city; they are heating engineers, although they sometimes take care of little private plant work as well, as is the case with the job we are on at present.

"Over, ", because Frank For- ker, another '09er', is in charge of this job, and I was sent over, after finishing a heating plant in a school house in Bette Creek, Mich., to help him out, and am installing the electrical end of the work.

The work here is going into a little college-Muskimun by name-which seems like a small pocket university of a regular school, there being about 300 students (counting those who drop out on account of expenses or other reasons).

We expect to finish up here in about two weeks, and I am hoping to be back in next moving year. I am going to be on a farm near Lansing, as I can always be sure of a good time when in that part of the country - Very truly yours,

N. B. HUBBARD, '09.

An interesting demonstration in connection with farm power will be carried on this week by the depart ment of economics and agronomy. There will be shown the amount of work which may be done on the farm through the use of a 15 H. P. gas engine.

W. F. RAVEN SPEAKS-Extension Work as Related to Horticulture.

"Not a county in the southern peninsula that cannot raise excellent apples" was the startling statement made by Field Entomologist, W. F. Raven, of the department of agriculture, Wednesday evening, at the Hort. Club. Mr. Raven is working along the lines of better cattle raising among the farmers, he believed that the argument was forced to open his argument many times with a spring calendar of the department of horticulture, so that he could induce the farmer to talk on the cattle breeding question. This goes to show the excellent operation work that is carried on through the state by these men em barking on the study of small flocks. Isabella and Mecosta counties are ideal locations for prospective fruit growers, he said, and prominent orchards visited by Mr. Raven in his travels over the state are the strong points. B. C. orchards at Kalamazoo, those near Kalamazoo, those near Petoskey, and the famous pear and plum orchards of Van Buren county.

Mr. Raven had just recently returned from the national corn show at Columbus, South Carolina, where, he said, very much regretted the fact that Michigan was not represented in the fruit department by a suitable display of apples. He stated that there are certain regions in Michigan where the northern spyn and Baldwin apples will grow to perfection. This fact he attributes to the closer study of these apples and the adaptability of the soil.

At the close of his speech, President Pallister opened a contest for Postiff, of Detroit, class of '09, for a few remarks along the lines of practical gardening.

Mr. Postiff was for some time after graduation with the department of horticulture, but later decided to return to the old home farm. He mentioned that Red apples were passed around at the close of the speech, after which a short business meeting and resolutions adopted to procure new posters.

MRS. GEORGE P. KRENTEL.

MRS. G. P. KRENTEL, wife of our college carpenter, passed away at her home in Collegeville, Franklin, last week. Although she had been in poor health for many years, death was unexpected, as she was taken worse very suddenly. She was born in Denmark in 1892, and came to America in 1893, landing in this country in 1895. Mrs. Krenkel has been a familiar figure about the campus for many years, and his many friends will be in much of his loss.

The funeral services were held from the house Sunday afternoon, at which time a large number of friends were present.

Besides her husband, she is survived by four sons, Adord, Alex, Christian and George, Jr. The first three named are in college, the graduating class of '99, and the latter was with the class of '01. All except orchard and farm work.
C. B. Gorton, ’09, of Chicago, made college friends a hurried call the past week.

Prof. King acted as toastmaster at the big Y. M. C. A. Banquet in Lansing Wednesday evening of last week.

The senatorial students finished their work in meat cutting last week. Mr. H. W. Norton, ’03, of Howell, has had charge of this work.

The comedy “A Night Off,” by Auguste Delfy, will be presented by the M. A. C. Dramatic Club on March 1st. This is sure to be a winner and no one can afford to miss it.

James E. Robertson, ’09, for nearly four years instructor in mathematics, has severed his connection with M. A. C. and accepted the chair of mathematics in Highland Park College, Highland Park, 11.

The experiment station staff finds that certain investigations in agriculture call for a very definite knowledge of physics, and the department of physics is cooperating with them in buying some special apparatus for investigating losses in plant growth, etc.

The recital given by the students of music Friday evening was a most enjoyable affair, and the pupils of the women’s building were well filled with appreciative listeners. Every number was well rendered, and great credit is due both to instructors and students.

Messrs. Burchard, Mead, Kenrick, Tubbs and Osborne were among recent visitors at the college.

Mr. Kiefer and Messrs. Gottheimer and Rosen furnish the music for this evening program at the Round-Up Institute.

The Mandolin Club is practicing regularly Monday and Thursday evenings of each week and we shall hope to hear the results of some of this practice before long.

A coin card, including a fifty-cent piece, recently came to us from Detroit, but without name or address. Perhaps some of our Detroit friends will "remember that they forgot," and let us know.

Prof. Kurze spoke Friday night before the members of the East Side Improvement Club on civic improvement. Among other speakers were Rep. Neller, and Mr. A. S. Dodges, of the water works commission.

The physics department is now supplied with a motor generator set for supplying low voltage current for the electrical table. This is something which has been needed for some time, as it makes it much more convenient to perform experiments in electrical work.

About 200 men and women listened to Rep. Glascor Tuesday evening when he spoke in the assembly room of the Agricultural building on Ergonomics. Mr. Glasson made a strong plea for his bill and his earnest address was well received by the large audience.

The Peace Oration Contest for state honor will be held at the State Normal, Ypsilanti, on March 21.

Among the exhibits in the agricultural building, this week, is one of the samples of work done in the wood and forge shops.

Pres. Snyder was in Holland Wednesday of last week, where he attended the ceremonies in connection with the installation with the new president—Dr. Amo Vennema.

The State Journal is publishing an interesting series of articles on "Michigan Agriculture—Its present status and wonderful possibilities," by Dean Shaw. The first of the series was published Feb. 20.

The fire whistle sounded Thursday of last week and a line of hose was hastily laid to Wells Hall. The fire, after destroying practically all the contents of Room No. 9-D, was extinguished without the help of the department.

The Misses Mead and Monely, of Detroit, Miss Carrie Lockwood, of Grand Rapids, Miss Gertrude Neale of St. Johns, Miss Josephine Young, of Big Rapids, and Senator and Mrs. Woolworth were among the visitors at the Fenwal party on Saturday night.

February 21 opened in such a way as to remind one of the same date 1912. The weather man changed his tactics, however, and calmed considerably before any damage was done. No classes were held, but no program was ar ranged as was the case last year.

Miss Prino, stenographer in the Agricultural building was on the sick list a couple of days last week.

The Gilders gave a Washington Birthday Dinner on Saturday evening of last week. A number of the faculty members were guests.

President Snyder is attending the sessions of the National Educational Association, held this week at Philadelphia. The president is a member of the National Council, there being two members from each state.

C. M. Hargrave and wife, now of Indianapolis, Ind., visited Prof. and Mrs. Linton Thursday and Friday of last week, going on to Detroit Friday afternoon. Mr. Hargrave was a former instructor in chemistry at M. A. C.

Through a misunderstanding, the films which were to be shown in connection with the forestry club last week did not put in an appearance and the lecture could not be given. It is planned to give this lecture tonight, as the films were again shipped Monday.

There has been considerable inquiry this winter concerning the one-week dairy course. It has been decided not to offer the course this winter. There are some 90 of the second year short course students in agriculture who are interested in this subject and who will remain over the 3d and 4th of March in order to get this work. The work is also given to junior and senior students in agriculture who care to take it.
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