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ROBERT J. MCCARTHY, '14, Editor.

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3 Faculty Row, East Lansing, Mich.

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EAST LANSING, MICHIGAN

DECEMBER 8, 1924

WORK IS STOPPED ON UNION BUILDING

Lack of Funds Necessitates Suspension of Construction; Payment of Pledges One Remedy for Situation.

With the outward appearance of a completed building and much of the interior work underway the Union Memorial building must stand for some time until financing arrangements are concluded which will allow for further work or until pledges now due are paid in full. The responsibility for the delay lies with the subscriber who has not lived up to his promise for the funds which could be available from the receipts on pledges which have matured would keep the contractor going for some time. The problem of providing temporary finances so that the future income from pledges may be capitalized is also one which the alumnus can help to solve and which he is pledged to aid in solving through the action of the alumni some five years ago in taking the responsibility for the completion of the project.

It has been the reasonable expectation of the executive committee that a financing plan would be accepted before it became necessary to stop work so that the resultant expense might be avoided but unforeseen obstacles arose which put ahead by several months the date on which this could be realized. In the meantime the stand of the executive committee in going as far as it did on the work can only be justified by prompt payment of amounts due the fund by all subscribers.

To December 1, when work was stopped, there was due the contractor nearly \$150,000, at the same time there is due the Union Memorial building fund about \$50,000 which could be utilized in carrying on the work over a period of a month or six weeks at the end of which it might be possible to consummate funding plans over the time intervening before the original

plan is finally accepted and put into operation.

In the task of getting the Union Memorial building into operation the executive committee of the M. A. C. Association has been assisted by many alumni and many who are not connected with the College but who believe the project will be of lasting benefit to the state and the institution. Frank F. Rogers, '83, president of the M. A. C. Association has been the leader in the effort to complete the building. He has been assisted by other elective officers of the Association and by state officials who are in a position to appreciate what the building will add to the community and the College. The list of those who have aided and will continue to aid in furthering the efforts of the Association and the Union would require space not available here but when negotiations are complete this will be compiled and published in full. It is also an interesting fact that those who have helped most materially in the furtherance of the funding project have also subscribed liberally to the fund, although many are not alumni or former students.

In the course of time, when funding arrangements have been consummated a complete history of the different steps taken to accomplish this end will be published to all subscribers to the Union Memorial building fund. The effort of the committee is to provide a sufficient sum of money, based on the known income for the next ten years, to insure the putting into commission of the major portion of the building. In order to do this obligations of some sort, bonds or notes, will be issued on the property of the Union and these will be paid off with receipts from pledges, which should remain virtually constant over a period of years.

This plan will in no way lessen the need for money, it will in no way reduce the obligation upon the person who has pledged to pay into the fund, in fact, if such a state is possible, the promise to pay will be further obligating because the name of the Union has been pledged that these will be met. At present the outcome of negotiations is not a certainty but there is reason to believe that they will be satisfactory, after a lapse of a few weeks.

While awaiting the availability of funds to be secured under the financing plan the necessity for ready money is more pressing than ever. On the basis of pledges due the M. A. C. Association has entered into contracts which must be upheld or the building project is certain to suffer. The contractor has been more than liberal in his terms, he has been more than willing to go full length with the proposition and rely upon the integrity of the family of M. A. C. people who have promised to pay money into the treasury which is handling the funds for the building. To violate this confidence would be a serious blow to the Union, the M. A. C. Association and the College. It is granted that pledges will all be paid in the course of time but the problem is to get the money in now that it is so badly needed.

As the Union Memorial building stands today it represents the partial fruition of a great effort, a little added expenditure of energy by those who have signified their willingness to aid will make it much more than that, it will insure the early realization of the goal which has been the object of endeavor for the past five years. Now the structure represents the blighted hope of students, alumni and faculty that its facilities might be ready for use this winter. Its gaunt, unfinished spaces are reminders of frustrated labor, it is a body without a spirit for until the Union Memorial building is put into use it can be in no sense either a Union building or a memorial building. Neither exists unless there be some indication of usefulness, unless the structure carries out its purpose. It cannot serve the College as a mere monument, it was not designed as such. Its halls and

corridors were built to be utilized by crowds of undergraduates, faculty and alumni. As it stands now it is a monument to the faith of the builder and the industry of the leader of the executive committee, it can be nothing further until its doors are opened to those it was created to serve.

Pay the instalment now due on your pledge, pay in advance if you find it possible and induce you neighbor to pay his. Those are temporary remedies but not panaceas nor permanent cures unless they are carried out continuously until the project is completed and paid for. All alumni are interested in the building, either directly or indirectly, for it is the materialization of alumni effort, the mark of alumni loyalty, but such effort and such loyalty are lacking in a vital element if the proposition is not carried through to the end.

JOHNSTON, '14, INJURED IN AUTOMOBILE WRECK

James C. Johnston, '14, was seriously injured in an automobile accident near Tulsa, Oklahoma, on November 1. Johnston is field superintendent for the Mutual Oil corporation operating in that region and was making a trip of inspection with another official when the car in which they were riding overturned. It was feared at first that both hips were broken but later examination revealed that fractures were confined to the pelvic arch. It will be necessary for him to remain in a plaster cast until March 1, after which the doctors assert he will again be able to walk.

At present he is in the Oklahoma hospital but will be removed to his home at 2215 East 13th street, Tulsa, before the holidays.

The Holcad renews a periodical plaint on the question of distinctive names for buildings on the Campus. But few of the present building are equipped with names other than those designating the classes accommodated within their walls, and several which have been named are, through long usage, still disguised by more readily understandable appellations.

SEEDS 150 YEARS OLD SPROUTED AT COLLEGE

Dr. E. A. Bessey, head of the department of botany, believes a new record has been set for the length of time seed will lie dormant and retain its germinating powers with the successful conclusion of an attempt to show signs of growth in seeds of a Manchurian water lily, known to be at least 150 years old and believed to be much older than that. It is explained by the department that the University of Paris had previously laid claim to the record for such instances when seeds in its care sprouted at an age of 110 years.

J. D. Wilson, '22, who is doing graduate work at Johns Hopkins university, obtained the seeds from a Japanese scientist who is also in attendance at that place and their history is that for at least a century and a half they were imbedded in a peat bog which had been covered over with sand from a nearby desert. Originally the bog had been the bed of a lake but the lake had been drained off by a river which had cut through the soil to a depth of forty-five feet since the lake passed out of existence. When the lake bed was uncovered sand from the desert had drifted in and covered the peat to a depth of two feet, on top of this sand when the seeds were found, were trees at least two hundred years old. Thus the actual age of the seeds is considerably more than 150 years but the botany department insists that the age be placed at that figure unless proof positive can be found to the contrary.

The Japanese scientist, who came from Korea, where the seeds were discovered, insists that the property on which they were found had been in the same family for at least 150 years, according to evidence which he found conclusive, and that the peat bed had not been disturbed during that period.

It was necessary to file through the tough shells encasing the seeds before they could be sprouted. When the plants are developed Dr. Bessey will have them placed in the botanical garden to add to the attractiveness of that place through their novel his-

tory. It is not probable that the plants will mature and flower before several years have passed.

Experiments to determine the lifetime of seeds imbedded in the ground were begun by the late Dr. Beal in 1879 when he placed twenty bottles containing fifty seeds each of a definite number of varieties of Michigan plants near the center of the Campus. The bottles are buried with the open end down, several feet below the surface of the ground and each five years in the past one has been taken up to determine the percentage of germination. In 1920 ten varieties of seeds which had been in the ground responded when given a chance to grow. Further tests will be made at intervals of ten years, the next bottle to be taken up in 1930. The final test will be made at the conclusion of a 160 year period, unless something happens to disturb the store and that should give a fairly good index of the length of life of seeds which is of special value to botanists and those interested in the problems of plant life generally.

WESTERN NEW YORK MEETS IN SYRACUSE

R. L. Nye, '12, president of the Western New York M. A. C. Association announces that the annual meeting of that organization will be held early in January at Syracuse at a date and place to be revealed later. With the assistance of A. L. Bibbins, '15, secretary of the association, who also resides in Syracuse, Nye predicts the largest gathering in the history of the organization. Western New York has maintained a constant strength in alumni ranks and its annual meeting always draws well from that section. In previous years most of the meetings have been held at Rochester but Nye's eloquence prevailed upon the members to transfer the setting of the big occasion to Syracuse so that the advantages of that place might be exhibited to the alumni.

The University of Pittsburgh plans to erect a 52-story building to house some of its departments at a cost of \$10,000,000.



VIEWS AND COMMENT



Putting physical effort into a project seems to create within the person doing it a feeling of ownership not inspired within him who merely aids in paying for something for general use. This is brought to mind by a short article which recently appeared in *The Richmond Review*, a Michigan weekly edited by R. B. Buck, '96. Buck mentions a visit to the Campus during the summer season and takes the occasion to tell how he painted the labels which formerly were on most of the trees on the main part of the grounds. That was his visible contribution to M. A. C., it was something he had done with his own hands and was there for all to see. There is a spark of vanity in such a thought but it represents, nevertheless, a general attribute of mankind.

Just a year ago some sixteen hundred students, a hundred or more faculty members and even the members of the State Board of Agriculture took part in Excavation week. As a result there are some two thousand people to whom the Union Memorial building will, as time goes on, have a deeper meaning than it can have to those who stood and watched the work. All who took part will recall the thrill of accomplishment, the feeling of satisfaction at having completed a task, long after they will have forgotten other efforts they put forth in College. An outstanding athlete, a leader in Campus affairs cannot look back upon his feats with the secure knowledge that his deeds will endure but the man who tossed a shovelful of earth into a truck is assured of comparative immortality.

There is a second best opportunity for alumni to join the class of those who will appreciate the Union Memorial building; they can contribute their share of effort in cash. It will not return to them the gratification those who labored will feel but it will mark them as men and women who do the best they can to discharge an obligation they know to be theirs. Money is needed more than labor with pick or shovel,

the building has long ago passed the stage where anything but the highest skill in the various trades will aid in its construction. There is no further need for mass muscular effort but there is a stronger, more pressing need for financial help now than ever before.

A delay in construction work has been forced by a lack of funds; the opportunity has arrived for mass effort on the part of those who had no chance to help in the physical work on the building. This will accomplish more for the Union Memorial building than did Excavation week for it will insure against mounting costs, further the completion of the structure and put ahead the date when it will become the factor in Campus life it was designed to be. It is granted that there will not be the highest possible personal satisfaction but, in the future, visits to the Campus and the Union building for those who aid it now will bring home to them the value of the exertions they put forth to do all they could for the building. That "virtue is its own reward" may prove satisfying enough for some, but that each has done at least as well as his colleague for a common cause is an added prize of surpassing worth.



The east side of the new entrance to the Campus at Abbot road has been graded so that it can be used by traffic giving an opening which has been lacking for the past two months at that point. The roadway is east of the big white oak and within a few feet of the Practice House, the residence formerly occupied by Professor Taft. Between that road and the western branch of the entrance will be a parkway eighty feet in width which will be planted and cared for as is the rest of the main Campus.

Alumni and friends of the University of Rochester have started a campaign for an endowment of \$10,000,000 to construct new buildings and finance the institution.

"Close Beside The Winding Cedar"

President Butterfield, Tom Gunson and James B. Hasselhran were the speakers at the smoker sponsored by the interfraternity council in the armory on December 3.

Photographs are lacking in a large number of cases where they were requested with biographical material. It is important that these be included in the alumni files. A snapshot will suffice if it be clear enough.

Professor A. J. Clark, director of the College band, has asked the war department to provide a number of new instruments for his organization. In several cases he has asked for larger pieces than those now in use.

Credit men of the state appreciated the fund which has been gathered for student loans and the small percentage of loss to the extent that they collected \$150 and turned it over to the fund at their meeting at the College in November. Secretary Halladay described the operation of the fund as an example of first class credit.

Various Campus organizations have presented acts for the approval of the committee in charge of the Union vaudeville to be staged in the Gladmer theater, Lansing, February 5, 6, 7, afternoon and evening. Coming during the period set apart for Farmers' week the show should give many alumni an opportunity to see what present day students can do in the line of entertainment.

Campus beauties were announced in the rotogravure section of the Detroit News on November 30. Those selected by purchasers of 1925 Wolverines were: Alice Foley, St. Johns; Bernice Baker, Grand Rapids; Maribel McKnight, Lansing; Margaret Longnecker, Traverse City; Ruth Marsh, Detroit; Emma Burns, Petoskey; Margaret Webb, Bay City; Thelma Kling, East Lansing; Ernestine Bolter, Lansing. The four best will be announced on December 14.

Hockey may become a regular varsity sport this winter, if the weather is of the proper type to provide the athletic department with a suitable rink. In the meantime aspirants for places on the squad are taking exercises in the gymnasium to fit themselves for active competition.

Ralph Powell, '11, and Maude Nason Powell, '13, represented M. A. C. at the formal installation of Dr. E. H. Hume as president of Yale in China or Yali at Changsha, Hunan, China, on October 3. Both Mr. and Mrs. Powell are connected with the institution and have been members of the instructional staff since 1917.

E. L. Grover, '07, addressed the meeting of Bay City alumni on the evening of October 24, at the Grotto club. C. R. Garlock, '14, instructor in the Bay City high school, A. J. Runner, '13, and Grace Urch, '18, had charge of plans for the dinner and meeting. A. C. MacKinnon, '95, was the toastmaster, about thirty were present.

L. W. Hornkohl, '24, is district forest ranger on the Wasatch national forest in Utah. His address is 219 Federal building, Salt Lake City. He writes that he has just come out of the mountains for the winter after having had a splendid summer in the forest. He is to give instruction in wood technology in Salt Lake City this winter.

With the opening of the pavement on the south side of Grand River avenue that thoroughfare has been made much safer for pedestrian and motorist alike. The business section of East Lansing draws a large number of automobiles to its doors and they have been parked facing in either direction, making it a hazardous trip to drive the length of the street or attempt to cross the pavement between Abbot Road and M. A. C. avenue. With double lanes available it is now possible to keep the north side of the street cleared of many of the cars which formerly were forced to pass that way.



National Cham- pion Dairy Judges 1924

From left to right—

J. E. Burnett, '15,
Coach.

E. S. Weisner, '25,
East Lansing

R. P. Britsman, '25,
East Lansing

F. H. Williamson, '25,
Pontiac

with the trophies
they won at the Na-
tional Dairy Show.

HOW DAIRY JUDGES ARE TRAINED

*Burnett, '15, Coach of Successful Teams, Explains Process Through
Which Men Are Selected.*

"What are the qualifications of winning judges of dairy cattle?" was the question asked J. E. Burnett, '15, of the College dairy division, in view of the success of the student dairy judging teams he has coached in the last two years.

According to Burnett, farm-reared boys are not always the best judges. A striking illustration of this is borne out in the team which represented the College this fall. Of the three men on the team, two are from East Lansing, and have spent little, if any, time on a farm. Burnett also declared that class standing has no bearing upon the choice of men, that their actual scores in practical judging on the College farm are the only considerations.

The judges are selected by a process of elimination. At the end of each spring term, ten students who have shown the best aptitude in judging are selected to make the trip to the Michigan State Fair the following fall. From these ten men, the three showing the greatest proficiency are then selected as the final choice for the team. Ten days prior to the National Dairy show the coach and his three men

start out for the show, taking their time and doing some intensive judging on farms situated along their route. This completes the training of the men.

In order that the men may possess a training as thorough as possible, the courses in dairy husbandry at the College are outlined with this point in view. The first term of dairy work consists of the study of the general type of the dairy cow. In the following term the specific breeds are then taken up in turn. This has been found to be the most satisfactory way of training a student in the fundamentals of the dairy breeds.

Of the eleven colleges and universities which have sent judging teams to the national show for the last four consecutive years, M. A. C. leads the field. Although but one first place in all-around judging has been secured, the closeness to the top in the preceeding years gives this college its high rank. This year M. A. C. not only won highest individual honors, as it did last year, but also won the sweepstakes.

From the records established by past teams, it seems that a city youth can gain

as great, if not greater proficiency, in this art than can the youth from the country. The men who come from the farms, according to Burnett, must generally be trained as carefully, with as much attention to detail, as the others who are out for the team.

Another interesting fact is that it is not always student-specialists in dairying who make the team. F. H. Williamson, who won the highest individual honors at the show this year, majors in poultry while dairying is his minor.

Detroiters' Doings

Winter activities of the Detroit M. A. C. club already bid fair to surpass those of last winter. Besides backing the bowling team, some social events are being planned for shortly after New Years.

On November 19, M. A. C. was well represented at the bowling dinner of the Intercollegiate association. The dinner was held at the General Motors building for the purpose of bringing the large body of men representing different colleges in the country together in a social way, and also to boost the Intercollegiate bowling league. More than fifty men were out. Cards, radio music and bowling filled up the evening. The M. A. C. bowling team headed by "Ty" Manuel, '17, showed its strength by taking the five from Boston Tech into camp.

As bowlers the M. A. C.ites are setting an enviable record. Until recently the team held third place in the league, being headed only by Wisconsin and Cornell. Records for high game and high individual average are held by Manuel, while the team has the record high single game and record match scores. Manuel, Miller, Hayes, Smith, Digby, Hubbard and Mills are listed among those hurling the mighty ball.

Instead of holding a football banquet as has been the custom heretofore, the Detroit club is combining with the Central Michigan M. A. C. association to make the

booster banquet at Lansing, December 13, a howling success. A number are expecting to drive over from Detroit and take along a crowd of prominent high school football players. Any Detriters who can go and have cars to drive are urged to get in touch with Eli Middlemiss at 508 Griswold street. It is the desire of the officers to take up as many high school boys as possible. They will be housed in fraternity houses on the campus, so the only expense to local men will be in taking them to Lansing.

Ray Covey, '15, who, while with the Gabriel Steel Co., designed the new M. A. C. stadium, is now in partnership with W. W. "Bill" DeLange, '07 in the general contracting business.

Dean Swift, '24, reports that he is employed by the Republic Flow-Meter Co. which has its offices at 2-139 General Motors Building. Swift says that he lives at 4503 Trumbull avenue.

"Sparky" Starrett, w'26, has been wielding a paint-gun at the new Book-Cadillac hotel. He has been living at the Y. M. C. A. but reports that his next move will be to Chicago, where he will be in much the same work. Ingle Wright, w'26, is another inhabitant of the Y. M. C. A. He is taking a course in the Detroit College of Pharmacy. He should be addressed at the Fairbairn hotel.

"Joe" Flanagan, '24, has been added to Detroit's population. He is working for the American Express company but reports his address as unknown.

Inspecting shipped-in fruits and vegetables for the state department of agriculture means bread and butter for Austin L. Pino, '17, this winter. He expects to be in Detroit all the winter and at present is staying at the Fairbairn hotel.

M. A. C. probably has more students at the Merrill-Palmer school this winter than any other college. Belle Farley, '23, Dorothy Hanigan, '23, and Ethel Sharp, '22, are taking advanced work there while undergraduates are Helen Marie Jones and Miriam Bechtel.

ENGINEERING STATION SHOWS PROGRESS

Eleven Projects Listed During First Year; Appropriation Increased for Current Period; Employs Faculty and Graduates.

The Michigan engineering experiment station, located at the College, has, after a year's existence, shown progress well worthy of the purpose for which it was created. Through systematic research of problems that are important within the state from an engineering standpoint, both members of the engineering faculty as well as graduate students are devoting considerable time and energy to this phase of the engineering division.

The Michigan engineering experiment station had an appropriation and budget of \$3,000 for the year 1923-24, and for the current year has a budget and appropriation of \$8,000. There are now eleven projects on the list of activities of the station. The titles are as follows:

Projects:

No. 1. Mixed Fuels for Domestic Heating.

No. 2. Defects in Case-Hardened Special Steels.

No. 3. Modulation in Radio Transmission.

No. 4. Infiltration in Heating and Ventilating Systems.

No. 5. Properties of Michigan Cements.

No. 7. Protection of Iron and Steel from Corrosion.

No. 8. Value of Impact Test for Steels.

No. 9. Bituminous Fillers for Cracks in Concrete.

No. 10. Aluminite Cement.

No. 11. Heat of Combination of Alloys.

In carrying on this work many graduate students are employed. Eventually, many of the projects will require the employment of full-time research assistants in order to carry them on satisfactorily.

The engineering experiment station was established formally on January 16, 1924, after the matter had been brought to the attention of the State Board of Agriculture by Acting President Shaw and the dean of engineering, in a letter of November 20, 1923.

Objects to be attained by the engineering experiment station are the carrying on of investigations and research in engineering; the publication of results thereof, in order to stimulate scientific ideals and the interest of the engineering students and teachers of the college; to make contributions to engineering science; and to increase the contact of the college with the people of the state engaged in engineering industries, or in other industries dependent to a greater or less extent upon engineering.

The engineering experiment station is one of the twenty-four similar organizations at as many land grant colleges and universities, namely, Arkansas, Colorado, Illinois, Indiana, Iowa, Kansas, Maine, Maryland, Massachusetts, Minnesota, Missouri, Nebraska, Nevada, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, and Wisconsin.

These stations are expending annually nearly a million dollars for experimental work in engineering and publications of results, and 110 full-time research men; 136 part-time men; and 222 co-operating members of teaching staffs of engineering colleges are engaged in the work.

Since the establishment of the first experiment station in 1903, 490 bulletins have been issued, and during the past year bulletins to the number of 45 were printed.

The Land Grant College Association, through its engineering section, attempts to correlate the energies of the several stations through a committee on engineering experiment stations, which consists of Dean Anson Marston, of Iowa, Dean M. S. Ketcham, of Illinois, Dean G. W. Bissell, of M. A. C., and Dean E. A. Seaton, of Kansas, ex-officio as secretary of the engineering section. This committee has published a summary and index of Engineering Experiment Station Projects and Bulletins up to July 1, 1923. This will be

supplemented each two years by the publication of information up to date.

At the same time the committee publishes a quarterly bulletin containing lists and abstracts of new projects, reports of progress, and bulletins published.

NECROLOGY

CHARLES K. CALKINS, '73

Word has been received of the death on April 21, 1924 of Charles K. Calkins, w'73, at his home in Ionia. He attended M. A. C. for one year, following which he was a farmer and school teacher, served as supervisor in his township, as postoffice inspector, and was admitted to the bar.

PART OF SPLIT ROCK OBTAINED FOR CAMPUS

Through the efforts of Secretary Halladay part of the historic split rock will be preserved on the Campus near the Union Memorial building. The owner of the land adjoining the road where the rock stood for so many years had ordered it broken into pieces suitable for building purposes. When he was approached with an offer to purchase the entire two blocks of granite he asked \$300. There were no funds for such a purpose so the stone was not purchased.

Last week the owner began the demolition of the landmark and was besieged from all parts of the community in an effort to have him stop his work. It had so far advanced however, that there was no use in trying to save the entire piece. An attempt was made to prevent the destruction through application to the state attorney-general. This failed because the owner of the adjoining property was entitled to the use of such material, according to legal authorities.

Finally, through the instrumentality of Secretary Halladay the owner consented to give the College a large section of the rock in return for enough small stones to serve his purpose. The latter bargain was carried out to the benefit of the College

and the rock was delivered to a point near the Union building. It will be mounted opposite the west entrance to the building and will be suitably inscribed, in the course of time.

The split-rock is so closely intertwined with the recollections of early alumni that its preservation in some form will recall to them the days when all trips to Lansing were made on foot and when they stopped at the rock to rest. Of course the cherry tree will be missing from the rock in its new location, it was cut down more than a year ago.

ALUMNI PLAN FEATURES FOR FOOTBALL BANQUET

Preparations are being made by Central Michigan alumni to feed a crowd of five hundred at the annual football banquet which will be held in the gymnasium at the College at 6:30 o'clock on the evening of December 13. H. A. Clark, '16, and Fred C. Jenison, '07, are in charge of the tickets and they have placed them in several places in East Lansing as well as turning over a number to a selected committee for sale in Lansing. At the College they are on sale at Washburn's.

Del VanDervoort, '19, in command of the program detachment, is not releasing for publication a complete report on the attractions for the evening but "Carp" Julian, '15, will be master of ceremonies and Howard Rather, '17, and James Grant Hayes, '11, are both nominated for the position of toastmaster, they will probably decide the issue as to who is to have precedence in the presence of the guests of the evening. The Swartz Creek band will introduce some of the newest novelties and other favorites will add to the pleasure of the occasion.

Richard Remington, known for his selection of mythical all-state high school teams and A. W. Thompson, the commissioner of athletics for Michigan high schools, L. Whitney Watkins, '93, and several others of like prominence have been induced to appear on the program.

As its share of the evening's work the Detroit M. A. C. club will send representatives and a number of guests from among the high school football players and coaches of that city. Other local organizations have signified their intention of cooperating in a similar way and representative groups from several different cities will attend.

Previously there has been no consistent plan through which the high school boys who attend were entertained before and after the banquet but this year's event is to be marked by a plan which contemplates assigning groups of boys to the various fraternities and making them responsible for their entertainment so that the youths may have a chance to see something of the College.

It is probable the program will include the presentation of certificates of award to members of the varsity and freshman football teams along with the other features of unusual interest. Earl Hotchin, '12, is chairman of the general committee and Glen O. Stewart, '17, is charged with the responsibility of providing the food for the crowd.

COACHES DRAWING UP PROGRAM FOR 1925

Director Young, Assistant Director Frimodig and Coach Kobs of the department of physical education and Chairman Huston of the board in control of athletics attended the scheduled meetings of the Western Conference at Chicago on December 5 and 6 to fix the important dates of next year on the football and baseball lists.

Director Young announced recently that subject to the approval of the board in control of athletics the M. A. C. football team would play Penn State at State College, Pa., on November 7, 1925. On his trip through the east which took him to most of the large colleges and universities or to points where he could meet the athletic directors, Young discussed with authorities there the possibility of obtaining games for the Green and White football squad. He found but little opportunity because of schedules being filled with en-

agements for several years in advance and was unable to gain encouragement for his project of bringing eastern teams to East Lansing. The Penn State engagement is for one year only and was made possible through that team being left off the University of Pennsylvania schedule for 1925.

Unless unforeseen complications arise the football schedule will be finally settled by December 15, with the main dates listed by December 10, when the board in control of athletics meets to award monograms and discuss schedules for baseball and football. Several teams have asked for games at East Lansing but thus far the outstanding features of next season's list have not been fixed.

Minor sports and basketball are taking the time of those interested in athletics at the College. Swimming, under the direction of Coach W. B. Jones, a Penn State graduate who is an instructor in dairying, indoor track, wrestling and boxing are all receiving their share of attention. Boxing is not an intercollegiate sport but a class has been formed which works out regularly.

T. L. Broughton, '15, addressed the College dairy club at its meeting on November 26. He explained the work of the bureau of dairying of the state department of agriculture, of which he has been in charge for past two years.

Autumn fires destroyed a large acreage in Chandler's marsh near East Lansing, burning off most of the soil to the water level on a major portion of the area. Experimental plots conducted by the College were not destroyed by the flames but their value is somewhat lessened for the immediate neighborhood because of the destruction of the soil which soils specialists were trying to make available for types of farming.

Liberty Hyde Bailey, '82, was recently elected an honorary member of Pi Alpha Xi, national floricultural fraternity, started at Cornell last year.

CLASS NOTES

'90

George S. Jenks views the name question: "Hope the name of the college is changed to Michigan State to put it in line with colleges of a similar character elsewhere. The present name is too narrow to cover the wide range now included in the curriculum." He continues: "No change in occupation or address. While I have been located in Pittsburgh for the last twenty years I am still interested in M. A. C. activities." Mr. Jenks' address in Pittsburgh is Box 62.

'93

A. T. Stevens is professor of gardening at the Connecticut Agricultural college at Storrs, where he has been since August 1, 1907.

'98

W. J. Merkel reports no change from 528 Beverly road, Shorewood, Milwaukee, Wisconsin.

'02

January 1, 1909, marked the beginning of O. L. Ayrs' service for the Tennessee Coal, Iron and Railroad company. He is located in Birmingham, Alabama, at 1001 Crescent avenue.

'03

Edna V. Smith is enjoying her work with the extension department of Cornell University. She lives at 204 Dryden road, Ithaca, N. Y.

'04

A. R. Carter reports from 980 Court street, Rockford, Illinois: "I am still county superintendent of highways of Winnebago county. We are building lots of roads and bridges in the county and since the \$100,000,000 bond issue was passed upon favorably in the state of Illinois, it means that we will get about 60 more miles of concrete pavement in our county. I very often see W. R. Shed, Burt Peterson, and J. M. Rankin. T. G. Lindquist is now employed as county forester in Winnebago county."

'05

Clarence A. Reel is "still investigating nut culture" for the U. S. Department of Agriculture, and lives at 109 Chestnut avenue, Takoma Park, D. C. He says: "O. B. Burrell, '05, is a successful fruit and asparagus grower at Galena, Maryland."

'06

A. E. Falconer of Cherrydale, Virginia, reports: "Still doing engineering work for the highway department, bureau of yards and docks. Add my approval of suggested change of present name of college to Michigan State."

'08

P. G. Baker has moved in Lansing to 1106 Allegan street.

'09

R. 2, Homeworth, Ohio, is the new address for M. R. Bowerman.

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'11

Box 742, Rhinelander, Wisconsin, appears under the name of Frederick G. Wilson on Records.

"Same job in the same old town," says Clarence S. Roe, 404 W. St. Joseph street, Lansing.

"Sabra Helen, age 4 1-2 months, may possibly be a candidate for Omicron Nu in a few years," writes H. Basil Wales, care U. S. Forest Service, Prescott, Arizona.

C. Dwight Curtiss writes: "No change in occupation or address. Completed five years service last July as assistant to the chief, U. S. Bureau of Public Roads. Very sorry I missed seeing Dean Bissell and the others on their recent visit to Washington. Serving second term as secretary of highway division American Society of Civil Engineers, member citizen committee of Section 4, Chevy Chase, Maryland, (similar to town council)."

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'12

7823 Cregier, Chicago, Illinois, is the forwarding address left in the Lansing postoffice by A. B. Stuart.

Max Gardner is engaged in research work on diseases of fruit and truck crops at LaFayette, Indiana, where he lives at 312 Sylvia street. He reports Mary Francis born December 20, 1923.

R. L. Nye's blue slip reads: "Dean of College of Agriculture of Syracuse University; President of Western N. Y. M. A. C. Association. A. L. Bibbins, secretary. Great annual reunion planned for January at Syracuse. All M. A. C.ites within aeroplaning distance expected. Exact date announced later. Address changed from Warner, New York, to 102 Ostrom avenue, Syracuse, New York. Was elected second vice-president of the Collegiate Country Life club at their annual meeting in Columbus, Ohio, in November. Will have a son ready for the class of '31, and another for '34.

L. J. Westerveld and C. W. Parsons are still in the concrete products business at Wausau, Wisconsin. Westerveld says that the family in each case consists of wife and little girl.

C. V. Ballard is assistant state leader of county agricultural agents with headquarters at the Extension department at the college.

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