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The M.A.C. RECORD



Michigan Agricultural
College Association
Publishers ■ East Lansing
Vol. XXIX. Dec. 10, 1923 No. 12



The M. A. C. RECORD

Established 1896

Published for the alumni and former students of the Michigan Agricultural College by the M. A. C. Association.

Published weekly during the college year and monthly during July, August and September; thirty-five issues annually.

Membership in the M. A. C. association, including subscription to THE RECORD, \$2.50 per year.

Unless members request a discontinuance before the expiration of their memberships it will be assumed a renewal is desired.

Checks, drafts and money orders should be made payable to the M. A. C. Association.

Entered as second class matter at the post office at East Lansing, Mich.

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EAST LANSING, MICHIGAN

DEC. 10, 1923

NEW DEPARTMENT AMBITIOUS

Landscape Gardening and Architecture Taught by Professor Halligan Has Wide Application—General Demand Exists for Advice on Local Problems.

To serve the interests of the urban and rural communities of Michigan as well as to educate prospective landscape gardeners and architects, who have enrolled for the specialized course in the division of agriculture at M. A. C., is the function of the infant landscape gardening department which was started in 1921 under the executive guidance of Professor C. P. Halligan.

Prior to 1921 there had been a quantity of talk regarding a new department which would deal strictly with landscape work in its architectural and gardening phases, but, until the idea was fully formulated in the mind of Professor Halligan there was merely a modicum of action pointing toward the installation of the course.

In two years the newest college department has attracted over 20 students expressing a desire to graduate with a knowledge of the fundamentals of landscape work. That the course does contain labor of the most exacting type is proved by a study of the courses required for graduation.

A landscape gardening student must have a smattering of civil engineering. He must know the principles of land drainage; his drawing courses include both mechanical and free hand work. It is considered essential for the prospective designer to be able to draw not only the plans of parks, tourist camps, rural cemeteries, summer houses, bridges—small size and large size—but to grasp, to some extent, the esthetic side of planning and design.

Courses in painting are given by A. G. Scheele, of the department of drawing and design. It is the aim of Professor Scheele to stress the artistic effects to be attained in landscape painting rather than to produce master painters trained to produce inspirational paintings and drawings.

The infant department is not a part of the college extension division although its work follows closely the rudiments of the agricultural extension service, that is, it provides a source where expert advice may be secured and where the problems of the rural and urban communities can be solved. Professor Halligan says that there is a crying need for improving the status of the farm home. Take it out of its "roof and four walls" state, he says, and beautify it. Make it so attractive that it is an asset to a farm rather than an excuse for living quarters.

However, he claims that the work of the department is so great that it is impossible to devote the necessary time to advise each farmer as to his own particular problem. He claims that the community park and cemetery, the golf course, and other large scale enterprises of population centers demand attention first, before the department can hope to find a solution for the puzzling conditions of the individual.

A genuine aid to Michigan's great tourist industry is seen in the work of the department to improve and design attractive tourist camps, and to plan artistic rural highways. There is the instance of Chesaning, a town within easy driving distance of Lansing. Chesaning's village fathers purchased a farm a few blocks from the heart of the town. Their problem was to make the land attractive, to build a permanent yet artistic structure to be used as a community building, to plant trees along the winding river, and to draw people, through the park's scenic beauty, to enjoy the facilities provided. Although the design called for only a small outlay of money it was more than satisfactory to the Chesaning residents.

Victory Park in Albion, a park to commemorate the war deeds of Albion heroes and to stand as a lasting tribute to its soldier dead, was designed by the M. A. C. landscape gardening department. A rural cemetery was designed and laid out at St. Johns by the college department. According to Professor Halligan, the rural cemetery presents one of the most interesting problems for the landscape designer.

"Take the cemetery of today," he declares. "It is supposed to be methodical in lay-out. There are raised divisions between private lots. Sidewalks, in certain burial grounds, entirely disfigure the natural beauty of the grounds. Our present job, however, is to beautify the cemetery—to make it one of the scenic spots of the town."

He spoke of such features as winding drives, and the artistic placing of monuments and head stones as being conducive to giving the grounds the appearance of a magnificent lawn, which he claims is the effect which a landscape gardener attempts to secure.

The golf course is but another of the problems confronting the college scenic gardening depart-

ment. Professor Halligan is convinced that the sodding of putting greens in the future will be eliminated inasmuch as the planting of one-type, one-color, selected grass will supersede the old practice. The grass used in the department's experiments is the creeping bent grass. It spreads rapidly and forms a solid bed which is superior to the sodded green.

It is the intention of the college department to distribute this grass seed to the different golf courses providing they start a nursery to nurture the seedlings. The greens committee of the U. S. Golf association is co-operating with Professor Halligan in his experiments and, in the opinion of golf experts, the new grass will eventually be adopted by all progressive golf clubs for their courses.

Changes in the lay-out of golf courses have been noted by Professor Halligan, who claims that whereas the old course was laid out by professional golfers, the modern course is designed and constructed under the supervision of men who have been trained to appreciate the esthetic side of golfing rather than just the technical side.

Formerly it was the practice of golf course designers to construct artificial hazards without a care as to the artistic arrangement or the design of them. Today, the landscape gardener has stepped in to prove to the golf clubs that the average business man, when he hies away from the hot business office during the summer, desires a place where he can at least believe he has returned to nature.

He wants restful-appearing ponds, shaded by trees, if possible; he wants artistic knolls which look as though they were planned when the original creation was formulated. In other words, the average business man likes nature and he wants to be surrounded by its beauties on the golf course.

"Golf is a game which is becoming increasingly popular," says Professor Halligan, "and it will be one of the duties which we will be forced to assume to help solve the landscape problems on the courses which are located in practically every town of size in the state."

A. C. MacKay, who was graduated from the school of landscape architecture at the University of Iowa in 1920, is assisting Professor Halligan in the landscape gardening department. He will instruct classes in landscape architecture and relieve Professor Halligan of certain duties so that the department head can spend more of his time in working out community problems in the state.

The campus is badly torn up by the trenches for installing the conduit for the high tension wires which will carry light and power to the various buildings from the new power house. At each building and at certain intervals along the rest of the line transformer boxes are being installed underground so that the proper type of current may be supplied to the various buildings.

REMOVAL OF TRACKS TO IMPROVE CAMPUS

Arrangements have been made with the Michigan Electric railways to remove the trolley car tracks from the campus, according to a recent announcement by Secretary Halladay. The company reports that the work will be done next spring. It is also believed possible that final arrangements will be made in time to commence work in the spring on the proposed widening of Grand River avenue through the center of East Lansing. This may include construction of the formal entrance to the campus, the plans for which were approved at the recent meeting of the state board of agriculture.

With the erection of the Union Memorial building and the construction of the new entrance there will come the necessity for removing all of the frame structures now located near the old entrance. The building formerly used as the college hospital and now by the Y. M. C. A. is directly in the path of the entrance, the little car station which has not been in use since the Flower Pot tea room was discontinued, the old post office building, which is now used for but one office, that of the department of publications, the music center and the practice house, are all in line for destruction to make way for the improvement of that section of the campus. With the possible exception of the practice house, the music center and the Y. M. C. A. building, the others will not be missed by the present or future generations of students. Since the removal of the post office to Grand River avenue the general trend of student traffic to and from classes is almost entirely through the path between the Union building site and the Home Economics building.

The Practice house problem can be solved by moving to one of the other residences on the campus which are not now occupied as woman's dormitories. It is understood that the music center will be moved to the former Vedder house at 2 Faculty Row and space can be provided for the Y. M. C. A. The elimination of these buildings will mean the removal of landmarks familiar to a large list of alumni but the resultant improvement in the campus cannot but compensate for the loss. Clearing out this spot on the campus will insure a good approach to the Union building and will provide the campus with an imposing entrance, attractive to the visitor and of much more pleasing memory to the graduate than could be the present landscape in that portion of the college grounds.

It is proposed to have three entrances to the campus. That near the Union building site will be the most important, there will be one at the west end and another at the east end. All of which should add to the dignity and beauty of the college.

Detroiters' Doings

A feature of two programs at the recent International Stock show was the talk given by G. Verne Branch, '12, director of Detroit's municipal markets. Branch addressed on Wednesday morning the meeting of the National Association of State Marketing Officials, then sitting in annual conference in the Windy City. A film showing Detroit's markets was used in connection with the talk. Members of Prof. Guy C. Smith's class in marketing at the American Institute of Meat Packers were also given an idea of the Detroit markets in Branch's second appearance as a speaker.

M. A. C. men may not knock them all over but they can knock down their share of the maples, is the verdict of those comprising the bowling team. Purdue was the first victim but Cornell was too good and won the big end of a 2 to 1 score in the last match. Men who are doing most of the rolling for M. A. C. are E. J. Manuel, '16, J. P. Smith, '16, Nelson Hubbard, '09, I. N. Reid, '16, Leo Digby, '13, Ray Covey, '15, C. E. Thompson, '16. The team rolls each Wednesday night at the Garden alleys on North Woodward. Visitors are always welcome.

R. W. Peterson, '16, now in charge of the city nursery at Palmer Park, reports that he spent Thanksgiving hunting ducks at Monroe. He took five boxes of shells with him and didn't use one. What else were you looking for, Pete?

Max Somers, '17, is spending two weeks looking for ducks to shoot around Flint.

Rueben E. Trippensee, '20, says that he is now living in Detroit. He is looking after the sale of the apples from L. Whitney Watkins' orchards at Manchester, for which he is manager.

A check-over of many of the names of M. A. C. alumni in Detroit, especially the women, shows a large number whose addresses are not listed with the secretary of the alumni association. It will be to everybody's advantage to have their addresses, at least, on file at the alumni office.

Edgar Anderson, '18, geneticist at the Missouri botanical garden in St. Louis reports: "There comes to my desk this morning an excellent article on 'Fusarium Blight of the Cereal Crops' by D. Atanasoff, '17. After obtaining his Ph.D. at Wisconsin, he worked at the Central Institute for Agricultural Research at Sofia, Bulgaria, and the Biologische Reichsanstalt für Land-und Fortwirtschaft at Berlin-Dahlem, Germany. He is now connected with the Institute for Phytopathology at Wageningen, Holland. Since obtaining his doctor's degree he has published at least four papers on plant disease in various scientific journals."

SOUTH CALIFORNIA ALUMNI IN MEETING

A luncheon of the Southern California M. A. C. association was held in the Garden cafe on Monday, November 26, with the following alumni in attendance: E. L. Thomson, '98, Dr. Carroll W. Clark, '81, Albert H. Voigt, '81, Earl M. Harvey, '15, Mrs. H. C. Meek, '05, H. C. Meek, '05, S. S. Pierce, '16, Mrs. Jessie Illenden Geib, '19, H. Curtis Howard, '18, H. A. Schuyler, '13, Louise Kelley Pratt, '11, W. O. Fritz, '77, P. S. Armstrong, '15, Violet Miller Dixon, '07, Jessie Godfrey, '18, F. R. Kenney, '14.

The luncheon was informal. Schuyler and Armstrong spoke briefly on a recent visit to the campus, which most of those present had not seen in many years, and arrangements were made to hold similar luncheons periodically during the coming year, there being 110 alumni registered in the Southern California directory.

Albert H. Dodge, '77, was seriously injured in an automobile accident which occurred in Pasadena about three weeks ago. The machine, in which Mr. Dodge was riding, was struck by a Santa Fe train. Mr. Dodge suffering serious injuries, from which he is now convalescing satisfactorily.

John P. Sheldon, class of '82, was married on November 15 to Clara B. French, at Topeka, Kansas. Mr. and Mrs. Sheldon are making the trip to the Pacific coast by automobile, and it is reported that they may make their permanent home there.

We are requesting all of the alumni in this section to make our office the clearing house for news items of interest to the M. A. C. RECORD, and we will send you from time to time appropriate material, as it is received.

Paul S. Armstrong, '15.

Alumni Opinion

Dear Mac:

The excavation program sure went over big—some advertising! I certainly got out of school a year too soon; but it is going to be worth a lot to come back and see all the changes next June. I'll be there if it means my job.

We haven't had a RECORD for four or five weeks and you might as well try to take candy from your youngster. I am sending my check for membership dues and hope it won't be too much trouble for you to see that I get the back numbers. They will contain much refreshing news for us.

Sincerely yours,

Oran Rowland, '23.

Fayetteville, Ark.



VIEWS AND COMMENT



A glance at the figures compiled on the recently completed football season shows an outstanding fact of more than ordinary significance. Not a team was able to score on M. A. C. during the third period. This means that the time between halves was put to good use by Director Young. It means that he was able to successfully diagnose the attack of his opponents and plan a suitable defense, it also means that he was able to instruct the men with such excellent effect that they profited through his observations and that he commanded their respect to such an extent that they were greatly benefited by his advice. Only Chicago, Wisconsin and Michigan scored effectively in the final quarter while Creighton made one touchdown and Wesleyan a field goal, none of which altered the comparative results of the games.

Sending his team against three of the best teams in the Conference and one, Detroit, claimed to be in a class with the Big Ten. Coach Young achieved considerable distinction through his feat of keeping the Green and White goal line intact during the third period of every contest. Injuries added to his perplexities and made the end more difficult of attainment. From his first season's record it is reasonable to believe that M. A. C. has a competent leader in charge of its athletics, one who possesses at once those qualities which make him respected by the players and the intimate and thorough knowledge of the game fortified by keen powers of observation which will place him close to the top of his profession.



In retrospect Excavation Week takes on added significance. It is true that it followed a football victory which had hardly been expected, it is also true that unusually fine weather prevailed for the first four days of the week and that the final day of endeavor found enough enthusiasm among the students to keep the work at top speed and allow for completion of more work than was originally planned. All of these are significant in considering the results obtained for they added to the ease with which the project was carried out but it is an outstanding fact that the students of M. A. C. entered into the program of Excavation Week with more spirit than they have shown under any circumstances in recent years. It brought them together on common grounds, the brilliant student was out to show his slower thinking fellow worker that his muscles were as good as the athlete's; members of the faculty were out with a determination not only to put in their full time on the work but also to demonstrate that they could effectively handle shovels. And everything worked smoothly. There was a ready response when a call was sent out for workers

on tedious jobs, there was no hesitation on the part of the workers to tackle anything in sight, in fact the task which presented itself to those in charge was entirely one of organization and direction of effort. The energy was there in abundance.

Excavation Week will long be a living memory for hundreds of M. A. C. people. It will represent to many the golden days of the college for not many such occasions present themselves to the student body of any institution. It was a golden opportunity and it was seized promptly by the members of the M. A. C. family anxious to show their regard for their alma mater, ready to do their utmost to further a project which they knew would mean much to future generations of students.

Excavation Week has passed into M. A. C. history with a halo the like of which enhances but few efforts of the student body. It has made the name of the college prominent throughout the nation, it has welded the students into a cohesive mass, it has aided in the development of M. A. C. spirit, it has developed leaders among the men and women of M. A. C., it was an exhibition of college loyalty which will stand as a model for years to come.



One feature of the Union Memorial building which is fairly well settled, is the amount of money which will be needed to complete it and put it into shape for use. Including a portion of the architects' fees, excavating, and other outlays chargeable directly to the building expense, a total of nearly \$30,000 will have been expended by December 15. It is hoped that work on the superstructure may be commenced in the spring with \$100,000 in cash on hand. This will be made possible through the prompt payment of pledges due on the bills which were mailed out early in December and can be further aided by advance payments wherever they are possible.

Blake Miller is still in the field soliciting pledges. He is working in Lansing aiding a committee of Lansing business men to organize the financial forces of the city so that the fund raised in that city may come up to the mark set by other communities on similar projects affecting colleges located within their territory. It is estimated that about three-fifths of the alumni have been covered and the work will continue until a much larger proportion will have been visited.



Excavation Week took the heart out of the good fall weather. The contractor engaged in the construction of the foundation walls for the Union Memorial building is finding his path beset by most unsatisfactory weather conditions.

"Close Beside The Winding Cedar"

C. M. Strauch, '25, has been elected varsity football manager for the 1924 season.

While they have computed the costs of Excavation Week in calories expended on shoveling dirt no one has yet figured the additional energy necessary to push the wagons from the pit, drawn by reluctant teams or the trucks which gasped their last while clinging to the edge of the bank. Then, too, there was the energy expended by the band, in fact the field is limitless.

Members of the Sororian society are quarantined in their house on Evergreen avenue. Helen Taylor, '25, was taken to the hospital recently suffering from diphtheria. H. A. Robinson, '25, Detroit, member of the football and basketball squads in 1922, and member of the football squad this fall until appendicitis cut short his playing, is also a victim of the disease. E. Eckert, '25, Grand Rapids, also a member of the football squad whose part in the season was concluded just before the Michigan game when his trouble was diagnosed as diphtheria, has recovered and has been released from the hospital.

STARTING THE WORK



W. K. Prudden turning the first sod on the site of the Union Memorial building on June 16, 1923. It is expected that the foundation walls of the structure will be completed this week.

Furnishings for a model apartment in the new home economics building are being planned by groups of senior co-eds.

An M. A. C. chapter of the American Association of Engineers has been formed and affiliated with the national organization.

Miss Bertha Thompson, assistant professor of botany, was compelled to give up her work for the term and is undergoing treatment at the Ford hospital in Detroit.

Piling is being driven along the bank of the Red Cedar to hold the abutments of the new bridge to the stadium. The temporary foot-bridge erected immediately east of the gymnasium has been torn down.

James C. Johnston, '14, was called to his home in Bessemer, Mich., in October by the death of his father in an automobile accident. Johnston is living in Tulsa, Okla., where he is connected with the Mutual Oil company.

C. M. Cade, '07, and F. A. Gould, '07, both of the civil engineering department proved at the state poultry show that M. A. C. engineers are capable of doing a wide variety of things. They entered six birds and carried off four prizes.

Cross-Country runners entered by M. A. C. finished second to Marquette university harriers at a triangular meet in Milwaukee on Thanksgiving day. Frank Haven, '27, running for the freshman team, placed fourth in the Belle Isle meet on the same day.

College authorities on vegetable storage are conferring with Pond and Pond in regard to the construction of the root cellar in the new Union building. Other specialists on the college staff will be called into consultation on the various features of the structure.

The fall term initiation of Alpha Zeta honorary agricultural fraternity, announced the scholastic superiority of the following men: J. C. Wilk, '24, Alma; M. A. Tyrrell, '24, Detroit; W. G. Lensen, '24, Traverse City; H. E. Nesman, '24, Vermontville; C. D. Miller, '24, Eaton Rapids; and R. L. Shaw, '25, East Lansing.

Word has been received from Miss Yakeley that, with Professor and Mrs. Ryder and Miss Bayha, she will sail from Southampton, England, on the Leviathan December 31. The party is scheduled to reach New York on January 6 and East Lansing on January 7, completing its trip around the world. It was scheduled to be in Marseilles, France, December 15, the following two weeks to be spent in Europe and the British Isles.

YOUNG DISCUSSES FOOTBALL

Men Developed in Various Games—Started with Twelve Varsity Players—
Team Badly Handicapped by Loss of Men through Sickness
and Injuries—Features of Season.

In commenting on the results of the past football season Director Young finds several unusual features. At no time during the season was the squad able to put its full strength on the field, starting with the Chicago game Captain Taylor was forced to stay on the sideline because of injuries and Robinson was not able to play. When Taylor was again available Eckert was sent to the hospital and, shortly afterward, Robinson followed him. Every game in which M. A. C. participated went the full length of fifteen minutes per quarter, something unique in the schedules of most college teams. Not an opponent of the Green and White managed to score in the third quarter although the last period shows almost as many touchdowns as do the first two. In practically every game the team was outweighed by at least ten pounds per man. All of which explains in some measure the total score of 144 rolled up by its opponents while M. A. C. was gathering 57. At the beginning of the season there were twelve men of varsity calibre available for duty and this number was never increased but was constantly fluctuating because of injuries. The M. A. C. team tackled one of the heaviest schedules in the middle west last fall and came through with satisfaction in its biggest games, disappointing its followers only in the contests believed to have been fairly certain victories but which proved too much for the squad. It was apparent in the Chicago, Wisconsin, Michigan and Detroit games that the team was playing somewhat above its usual form and putting forth exertion which could not be sustained in all the games on the schedule.

There was early a scarcity of quarterback material. Richards shouldered the burden of directing the team in the first two games and Boehringer was tried at Wisconsin but the exhibition put up by Lyman, a sophomore, on Ferry field stamped him as the find of the season for second string duty. Lyman had played at end in the Lake Forest game and his ability to tackle and handle the ball on forward passes gave him the call. Lyman was still in his eighteenth year when he relieved Richards at Ann Arbor for his first big test and he handled the team like a veteran. Boehringer's work had proved unsatisfactory as a field general and his mechanical efforts did not come up to the mark set by the East Lansing boy.

In the line Coach Taylor was early faced with the problem of developing substitutes. The season started with Edmonds and Kipke at the ends. The latter made his position secure through his work at Chicago. Director Young says that the

diminutive brother of the famous Michigan player did everything there was to be done against the Maroon and proved himself the best end on the field. Robinson replaced Edmonds as soon as he rounded into form after reporting late and in turn gave way to Edmonds and Schultz when he was sent to the hospital.

Eckert was lost to the squad on the eve of the Michigan game. It was difficult to fill the big lineman's shoes but Speikerman, weighing nearly thirty pounds less than his predecessor, came through in great shape at Ann Arbor and won himself a regular berth. Early in the fall V. Hultman, captain-elect for 1924, was shifted from end to guard and through the season he played tackle, guard and end with equal facility, ending the season with a remarkable exhibition on end against the University of Detroit.

Hackett, backfield man on the freshman squad of 1922, was another find. He played guard throughout the fall. Although lighter than his average opponent his activity and football knowledge carried him through many situations where the odds were against him. Haskins, another sophomore, was perhaps the outstanding man on the line. He not only possessed the football ability but also came the closest of any of the men to having the requisite weight and build. His work in all of the games, especially the Detroit clash, was remarkable. In the last game of the season he accounted for the safety by tackling the Detroit runner back of his goal and he recovered punts, tackled runners back of the line of scrimmage and made himself generally useful throughout the battle.

Eckerman, center, was the iron man of the squad. He missed but one minute of play, the last in the Michigan game, during the season. His work at Chicago was somewhat ragged but he kept improving as the season progressed and attained a degree of efficiency at passing the ball which accounted somewhat for the small number of fumbles marked up against the M. A. C. team during scrimmage. He was lighter than the average lineman he encountered but handled his position with marked ability, using a variety of tactics against the various offensive measures employed by his opponents.

In the backfield were four outstanding men. Richards, Neller, Schmyser, Lioret, and Beckley carried the burden of most M. A. C. plays as well as that of guarding the goal line. Richards was never at his best after the Wisconsin game. He was taken out of that contest after injuring his ankle and played through the balance of the season under a serious handicap. His open field run-

ning, which was brilliant while a member of the freshman squad, was almost prohibited by his trouble but he maintained a high standard in forward passing and defensive work in spite of his injury. Richards to Kipke came near winning the game from Ohio Wesleyan, it accounted for one seventy-five yard march for a touchdown and aided in the other. Richards, a halfback of exceptional ability, has been forced to play through two seasons at quarterback because of a lack of suitable material for the position.

Neller also worked through several games handicapped by an injury and delivered a high type of football in all departments. His tackling was deadly, he passed well and kicked goals faultlessly after touchdown. He was also called upon to do some of the punting. Lioret, another man of Neller's type, also hampered by an injury during part of the season, specialized in recovering fumbles and intercepting passes, at carrying the ball he gained round the most consistently of any member of the backfield and backed up the line with enough force to keep the gains of the opposition at a low mark.

Beckley started rather poorly but came into his own before the season ended. Early in the fall he hesitated when carrying the ball and punted with indifferent success but at its close he was kicking well and running the ball with the best of them. Schmyser was one of the most dependable backs on the list. His specialty was plowing through for needed yardage. Speed in

starting was a great factor in his favor and counted heavily when the M. A. C. line could hold its opponents for but a short time to allow the runner to go through the hole. He is a smashing type of back whose tackles are certain and whose judgment was generally faultless.

Of the substitutes Schultz and Anderson at the ends, Goode and Crane in the backfield, H. Smith, D. Smith and Pearl on the line saw the most action. Gasser, who looked like valuable backfield material early in the season, was eliminated because of scholastic difficulties and G. Swanson also fell victim to the faculty ruling on scholarship requirements for athletes.

All of the regulars with the exception of Captain Taylor have at least one more year of varsity football and several of them will be available for two more seasons.

From the ranks of the freshman squad Director Young will fall heir to some usable material. Fremont is a kicker of considerable merit, passes well and had extensive experience as a quarterback during his high school days. Slaughter at center is fair timber for use on the varsity squad and several linemen outweigh the varsity by a generous margin. Pierce, Wilkinson, Wenner, Card, Cole, Smith and Evans were used consistently by Coach Walker on his first string yearling squad. In the backfield Grim, Hart, Dlugolenski, Schneider, Hands, Wolfinger and Juhl embrace the main collection of varsity material which should appear for duty next fall.

THE VARSITY BAND



Professor A. J. Clark and his musicians, taken in front of the gymnasium. The band is enjoying one of its most successful seasons. Its appearances at out-of-town and home football games have been marked by unstinted praise. Plans are being laid for a winter concert tour.

SCHEDULES APPROVED FOR WINTER SPORTS

At its December meeting the board in control of athletics approved the schedules presented for the most important part of the winter athletic program. Basketball, wrestling and swimming programs are practically complete. A further basketball game may be scheduled with Yale at East Lansing and the wrestling and swimming programs may be enlarged somewhat before the seasons start in these sports.

In basketball Coach Walker's team will meet practically all of its strong opponents of last year and will again face several of the teams which it defeated. Chicago is a new game on the list. It will be played in the Windy City during the holidays. Four of the contests listed for the holidays are counted as preliminary games, there are sixteen others. The schedule follows:

- December 15, Adrian college, East Lansing.
- December 18, St. Mary's college, East Lansing.
- December 22, University of Chicago, Chicago.
- December 28, Detroit College of Law, East Lansing.
- January 3, Hope college, East Lansing.
- January 5, Upper Canada Law college, East Lansing.
- January 7, Carleton college, East Lansing.
- January 11, Michigan, Ann Arbor.
- January 18, University of Detroit, East Lansing.
- January 26, Kalamazoo Normal, Kalamazoo.
- January 25, Notre Dame, South Bend.
- January 29, Mt. Pleasant, East Lansing.
- February 1, Lombard college, East Lansing.
- February 6, Michigan, East Lansing.
- February 12, St. Ignatius, East Lansing.
- February 22, Kalamazoo Normal, East Lansing.
- February 26, St. Viator's college, East Lansing.
- February 29, Notre Dame, East Lansing.
- March 6, Valparaiso university, East Lansing.
- March 8, Lake Forest university, East Lansing.

Four meets have been scheduled for the wrestling squad, two at home and two away. They are:

- January 12, University of Indiana at Bloomington.
- January 19, Ohio State at East Lansing.
- February 9, Michigan at Ann Arbor.
- March 1, Iowa State at East Lansing.

Two matches have been listed for the swimmers. The University of Indiana will come to East Lansing on January 12 and the University of Michigan will also come to the M. A. C. pool on January 25.

HOLCAD COMPILES EXCAVATION FIGURES

Writing for the Holcad an ambitious reporter brings out the following facts:

Although it required 67,500,000 foot pounds of energy to remove the 5,000 yards of dirt for the foundation of the M. A. C. Union Memorial building, nearly two per cent of this work was made possible through the efforts of the co-eds. Figures compiled on the activities of Excavation Week show that the girls were responsible for 1,049,000 foot pounds of the work produced. Not because they wielded shovels but because they supplied nourishment for the workers.

Nutrition classes at the college have arrived at some interesting conclusions in connection with the energy expended during Excavation week. Although the serving of refreshments did a great deal to lighten the spirits of the diggers, the fact that these refreshments were instrumental in producing work is of even greater importance. The food served to the workers was directly responsible for 338,290 calories, and this was the amount required to do nearly two per cent of the work.

In all, 2000 frankfurts and rolls, one barrel of cider, 14 bushels of apples, 150 gallons of coffee, besides the 70 quarts of cream and 30 pounds of sugar essential to making up the coffee were served to the diggers.

The 5,000 yards of dirt removed weighed approximately 13,500,000 pounds. If there was a team for every load of dirt removed and these were placed end to end they would make a line over eleven miles long.

One man working alone at this task would require 750 working days (more than two years) each eight hours, based on the average dirt per hour. This is almost double that results obtained by the students, 1.3 yards of which is usually considered as being a fair rate of speed for laborers, so the workman doing the job alone would have more than four years in which to complete the task.

INTERESTING DATA ON FOOTBALL TEAM

An average of eighteen men played in each varsity football game this fall. A total of 29 participated in one or more games.

No opponent scored a single point during the third quarter.

A total of 71 first downs was registered by the Green and White during the season. The opposition made the required distance only 69

times. In three games lost by M. A. C. it made more first downs than its opponent: M. A. C. 8, Chicago 5; M. A. C. 16, Wesleyan 6; M. A. C. 11, Creighton 9.

The varsity completed one-third of the passes it tried. Its opponents completed a slightly smaller proportion of their attempts.

Neller never failed to kick from placement for the point after touchdown. On one occasion the point was not allowed because of holding in the M. A. C. line.

Loret recovered more fumbles and intercepted more passes than any other man on the squad.

No time was taken out by M. A. C. during the Albion game.

Kipke, with nine men to his credit, made by far the largest number of tackles on kick-offs and also stood second in the number of tackles on punts.

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Preferred Position

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230 E. Ohio St.

Opponents scored 88 points in the first half and 56 in the fourth quarter.

It was generally admitted that M. A. C. played a much better game against Michigan than did Ohio State and advanced much closer to the Maize and Blue goal. In the Wisconsin game, Coach Ryan is authority for the statement that the Green and White eleven was the only one on the Badgers' schedule to make first down within the twenty-yard line.

RINK FOR HOCKEY IS ORDERED BUILT

Authorization was given by the board in control of athletics at its December meeting for the construction of a hockey rink on the football practice field at the rear of the west stands on College field. Men interested in hockey presented a petition to the board stating that they would undertake the construction of the necessary combination boards on the side without expense to the college. The matter of taking up hockey for minor sports competition was put over by the board for consideration at a later date.

In taking this step the athletics board has started to make arrangements for facilities which have been lacking through most of the history of the college except for the skating provided occasionally on the Red Cedar there is little opportunity for out-of-door winter sports at M. A. C. The construction of a rink will provide a place for healthful exercise and will add another sport to the list which now draws a large number of students into competition.

The practice football field is peculiarly adapted for use as a rink, it is provided with lights which will make night skating possible and can be easily flooded to keep the ice in good condition. Thus far the fall weather does not promise much in the line of freezing temperature but it is possible that this deficiency will soon be corrected.

About fifty mallard ducks are making their home along the Red Cedar. They have been staying near the campus for two years or more and the care they have been receiving has apparently induced them to forego their winter trip south. The flock was largely increased during the past summer and has become one of the attractions for visitors to the campus.

The old power house chimney was razed during the past week as work on the new housing for machinery made this step necessary. The old chimney had been standing for some years, having replaced a square one which served the original power house. The newest one of the tribe with M. A. C. in white brick on its side is readily visible from the railroad tracks to the south.

ALUMNI BOARD WILL MEET ON SATURDAY

Last minute emergencies which necessitated the absence of several of the officers of the M. A. C. association prevented a meeting of the executive committee which was scheduled for December 8, it was decided to postpone the meeting to December 15.

Important matters concerning the Union Memorial building will be decided at this meeting. The progress of work on the structure will largely depend upon what can be accomplished at this time. There will be the form of contract under which it will be finished to be considered and settled, there will be a report on the finances of the fund and the prospects for the year, there will be a complete report on the expenses and accomplishments of Excavation Week. In addition to the committee meeting the first basketball game of the season will be played that afternoon and in the evening all alumni are invited to join with the Central Michigan association in its banquet to the Lansing and M. A. C. football squads.

Notices of the meeting were again sent out early this week and in all cases branch organization heads are urged to have one of their number on hand. It is especially urged by President Rannay that there be a thorough representation at the meeting at the alumni office on December 15 because of the special significance to the matters to be brought up for action.

There are several options to be considered in connection with the Union building work, the contract may be let as a whole through general advertisement, it may be let through competitive bidding among a group of contractors to be invited to bid, it may be handled entirely through a project manager who would have entire charge of the work and would subdivide the different parts of the work and let contracts for the work to be done with a guarantee that the cost would not go over a certain figure and the prospect of the Union saving whatever money could be deducted from the original estimate.

Most of these proposals have been given some consideration by the committee at previous meetings and it should be prepared for a decision immediately. The proposal to carry on the work of the building without waiting until spring is a comparatively new one and all of the details in connection with this will be explained to the committee when it meets. All of the questions to be brought up are of sufficient importance to demand a full attendance of the members of the committee and a large representation from all branch associations. The meeting will be held Saturday, December 15, at 1 o'clock at the alumni office.

CLASS NOTES

Since the first request was sent out for photographs or snapshots for the columns of Class Notes there have been portrayed representatives of a wide range of classes. There is room in The Record for one of these pictures each week. They add greatly to the value of the publication, according to its readers. If you have not conferred this favor upon your friends in the ranks of the M. A. C. association do so at your first opportunity.

'78

C. M. Chaffin has been a photographer and view artist for the last twenty-five years, and the field of his endeavor is Ithaca, Michigan.

'89

"Am still practicing patent law," writes Edward N. Pagelson from 889 Longfellow avenue, Detroit. "Have just moved to 1321 Lafayette building, where I have somewhat more space."

'93

W. W. Tracy, Jr., may be addressed at R. 4, Box 85A, Fort Collins, Colorado.

'03

Merrick P. Willett notes on his blue slip that he lives at 11 Bellaire Drive, Montclair, New Jersey, and "still editor American Sugar bulletin. Montclair is a fine town to live in. Am very busy."

'05

Claude E. and Bessie Phillips Auten announce the birth of Richard Holden Auten on November 23, 1923. The Autens live in Youngstown, Ohio, at 17 W. Princeton avenue.

'06

Word has been received of the death of Arthur Hall Adams, nine-year old son of E. Hayes Adams, on October 16, 1923, following a two weeks' illness of scarlet fever.

'10

Barbara VanHeulen reports that she is in the personnel department of the Fair store in Chicago, and lives at 933 Edgecomb place. She would be more than pleased to see M. A. C. friends who may come that way.

'11

I. J. Cortright writes that he and Mrs. Cortright celebrated the advent into the family on November 18 of a regular halfback who will be a candidate for the team about eighteen years hence.

'12

Sara VanDervoort Riordan has moved in Detroit to 2558 Fullerton avenue.

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This blanket can be put to any number of uses such as an auto robe, bed blanket, camping, den, football games, etc. "Frim" buys these blankets and with the official monogram they are presented to the athletes. If they suit him, they will suit you. We have sold over 250 to the students and we are offering the few we have left for

\$8.00 each

Shipping weight is about 4 1-2 pounds.

MICHIGAN STATE
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CENTRAL MICHIGAN ALUMNI will banquet the M. A. C. and Lansing High Football Squads on December 15 at the Womans Clubhouse, Lansing. :- :-
Special features. Special speakers. The best of eats. :- :-
Tickets may be secured from committee members. :- :-

R. L. Nye writes from Warner, New York: "No change in address or occupation. Still dean of agriculture in Syracuse University. F. W. Howe and J. C. Hurley, graduate students of M. A. C., are yet with us."

'14

James C. Johnston's blue slip reads: "Still with the production department of the Mutual Oil company. They bought out the Hamilton company, my old employers, last spring, and lately moved me into the Tulsa headquarters with more territory to handle and incidentally a lot better job. Would appreciate the opportunity to show any visiting Aggies the lights of the Oil Capitol or the drilling end of the oil business. Change address from Keystone, Oklahoma, to Box 1112, Tulsa, Oklahoma."

The following is quoted from Glenn Myers' blue slip: "I am still with the Cadillac Motor Car company as designer. Mrs. Myers (Mina Baab, '13) manages to keep busy at various duties about the house and keeping our two thriving sons going straight. Aside from that she does substitute teaching in the domestic arts department of the city schools." The Myers live at 1578 Buena Vista avenue, Detroit.

'15

Harry Gottheimer is still directing the public school bands at Birmingham, Alabama, and has charge of three grammar school bands and three high school bands. He writes: "I was agreeably surprised at the results of the Detroit game. The team and coaches deserve a great deal of credit on the season's outcome considering the caliber of teams on the schedule."

'16

Bessie Turner Taggart has moved from Seattle to Dayton, Washington.

'17

M. Ali Mehmedoff sends his note as follows: "I am in carpet business together with my brothers and am doing fairly well. Whenever some M. A. C. people happen to get astray at the Zenith of the East, no matter what hour of the day, they will always find the latch string out at 5, Buyuk Yildiz Han, Constantinople. My address is Turkish post office box 436, Stamboul, Constantinople, Turkey."

Norman Weil is with the Cities Service Oil company, at Canton, Ohio.

Captain Frank Chaddock is attending a nine months' course at the Field Artillery school at Fort Sill, Oklahoma. He writes: "I am also taking a course in aerial observation. Expect to have own plane in the near future and may 'drop in on the old school some day.'"

'19

Ruth K. Hodgeman now lives in Detroit, at 5496 Lincoln avenue.

'21

Ferris LaCore should be addressed at the Ing-ham County Sanitarium, Lansing, Michigan.

Harold R. Weber sends the following news: "Married Helen Borst, Barnard, '20, in March and live at 51 Elmhurst avenue, Elmhurst, New York City, New York. Am teaching agriculture and general science at Newton high school here and like it very much. Our school is the only one in New York city giving agriculture and we have 50 enrolled in one or more courses. Bumped into Dr. Lee Snyder, '10, on Broadway about three weeks ago. He is at the new Fifth avenue hospital."

Franklin J. McNall is no longer at Ithaca, Michigan, but has neglected to inform us of a later address.

Francis Bateman has moved in Lansing to 318 W. Franklin avenue.

Harold and Eileen Seble Koopman have moved from Sebawaing, to 923 Seventh street, Port Huron, Michigan.

Mary Ann Gilchrist may be addressed at 243 Frederick avenue, Detroit.

'23

C. F. Snyder is a graduate student engineer at the Westinghouse company at Wilkinsburg, Pennsylvania, where he lives at 429 S. Trenton avenue.

Henry F. Small was formerly located at 9 Mynderse street, Schenectady but is no longer to be reached there.

Seymour Perry is no longer at 144 N. Harrison avenue, East Lansing.

H. W. Schmidt is in East Lansing at the Delta Sigma Phi house.

Armand and Katherine Langley Marling are living in Detroit at 2650 Northwestern avenue.

K. M. Farley requests us to change his RECORD mailing address to Central Building, Y. M. C. A., 1421 Arch street, Philadelphia, Pennsylvania.

Glenn Carnegie is taking a 1700 mile jaunt through the south in a Ford sedan. Mail reaches him at Daytona Beach, Florida. He writes: "This is a great place to live for you can forget coal and overcoats both. Coca-cola and red pop expenses run high though."

Melita Kaiser is teaching domestic art and science in the Grand Ledge, Michigan, high school, and reports ninety girls enrolled. She lives at 419 Jackson street.

George Postmus writes from 72 W street N. W., Washington, D. C., "I am working for bureau of agricultural economics in the hay standardization laboratory. The work, as the name indicates, is formulating federal grades for hay. Our division has just been reorganized and we are now busy preparing for an inspectors school to be held sometime in February. Besides the regular work, I am taking some work at George Washington University and all in all keep busy. Would be glad to see any M. A. C.ites happening this way."



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When the bunch sings the old songs don't just hum the tune.
All of M. A. C.'s best songs, with the music, are included in an
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