The M.A.C. RECORD.

Published by the MICHIGAN AGRICULTURAL COLLEGE ASSOCIATION.

VOL. 19.

EAST LANSING, MICHIGAN, TUESDAY, DECEMBER 16, 1913.

VARIOUS DEPARTMENTS PREPARE FOR RECORD SHORT COURSE CLASS

It is a busy season for the men who handle the various departments making up the agricultural division of the college. Practically every phase of agricultural activity as represented at M. A. C. is included in the short courses, which begin January 5 and run through to February 27, and special preparations are being made to handle the recordbreaking attendance which is looked for. This work of getting ready is in addition to the final examinations and winding up of the fall work of the regular students, which naturally takes a great deal of time.

In the seventeen years previous to 1914 the classes have grown from 45 in 1897 to 326 in 1913. In round numbers, 3,000 men and women have benefited by the winter work given at M. A. C. It is the size of last year's attendance which leads the college authorities to expect an even larger number this winter. Each year has shown an increase over that preceding, and they can see no reason why 1914 should fall short.

If all expectations are fulfilled, the college will pass the 2,000 mark for the first time in its history, and M. A. C. will, in reality, enter a new epoch. Never again will an enroll-ment of less than this number satisfy. At the present time the enrollment figures show a total of slightly more than 1700, which, with the 300 more which can be reasonably expected to enter next month, will give the desired total.

The usual number of courses will be given, the only difference being that all run for the same length of time this year. Some of the old students will remember the days when the cheese course started a little late and ran a bit longer.

The courses in general agriculture and creamery management will be divided into two classes, - first and second year men. The former includes all men taking their first work here, while the latter is given for men who have had some work in the course. The dairy department will also give a course in cheese making, and poultry and fruit growing will receive a goodly amount of attention. Farm forestry and the care of the home woodlot will be included in the list of subjects which combine to furnish a well rounded course.

A number of miscellaneous courses for men interested in special branches will include plant diseases, injurious insects, soils, composition and use of fertilizers, and applications of gas engines for farm power.

While the same rules regarding class attendance and deportment are applied to the short course men as to the regular students, it must not be supposed that their work is to be all work and no play. At least one evening each week a free entertainment is furnished for them, the course including illustrated lectures and musical programs. The short course men are always welcome to attend any of the regular college functions, so the time usually passes all too quickly.

The short course men will have an opportunity to round out their experience by mingling with some of the best farmers in the state during their stay here. The State Livestock Breeders' Association will meet at the college during the third week of January. During the final week of short courses they will have a chance to attend the sessions of the annual Round-Up Institute.

The women of the state will not be slighted, as a course specially designed for them will be given at the same time with the others. They will have an opportunity to take up the theory of home and housekeeping, as well pportunity for much pr .id experimental work.

It is the general of the authorities that the vo-year course which began la ath will not affect the attendance in the winter courses to any extent.

"ANDY" SIAS ORDERED TO VACATE OLD SHOP

Considerable surprise, not unmixed with indignation, prevailed among the students last week when it was noised about that "Andy," official trimmer of M. A. C. hair since 1903, had been ordered to vacate his present quarters in the bath house. The order amounts to a decree to leave the campus, as it is practically impossible to find any other suitable location for the shop.

The situation is one which has been expected for some time, but the sudden denouement was hardly looked for at this time. It has been apparent that Coach Macklin needed more room for offices and facilities for handling his teams, and the present barber shop was, of course, the natural place for the expansion.

"Andy," when informed of the action of Secretary Brown, asked permission to remodel one of the rooms in the basement, at his own expense, because he wished to retain his central location. Up to the present time this matter has not been finally decided, but it is understood that unless the situation changes, his request will be refused.

The students, while no demonstration has been made, feel very strongly on the matter, for the present location of the barber shop has been a great convenience to them.



RECENT ARRIVALS FOR THE SHORT COURSE.

COLLEGE WATER SUPPLY FOUND TO BE IMPURE

For the past two or three weeks the bacteriological department has been vainly endeavoring to locate the source of contamination of the college water supply. It has been apparent for some time that the drinking water on the campus was not as pure as it should be, and analses which were taken showed it to be generously supplied with sewage

The college receives its water from four wells, all of which are of the artesian type. They are located at various points in the grounds, and the fact that there are so many sources of supply makes the work of determining the contaminating source all the more difficult. (Continued on page 8.)

At present it is possible for a man to run over to the shop any time when he has a vacant period, get his work done and take a bath. This has been of great help to the men in getting ready for parties. Should the shop be removed from the campus, they say, it will necessitate many extra trips to town, where the boys will stay longer and spend more money than would be the case if they remained at school.

Although Secretary Brown was responsible for the order, the members of the Board say they knew absolutely nothing of it, and a complete investigation will be made at the meeting December 17. Meantime, "Andy's" fate hangs by a slender thread, so to speak.

What are you doing to help start a local association in your city?

ALUMNI

No. 12

'88.

W. A. Taylor, D. S., 1913, has just issued his first report as chief of the Bureau of Plant Industry of the United States Department of Agriculture. It shows the appro-priation for the work under Dr. Taylor of \$2,667,995, and a staff of 2,729 employees.

'04.

C. L. Brody, of Tl ree Rivers, wil. ter the extension work of the college at an early date. He will be one of the men having charge of the "one-week" farmers' schools conducted by the college at various parts of the state.

'05.

R. T. Stevens rec returned from a trip to Europ. d is now engaged in teaching cape gar-he Unidening and horticulti versity of Californi.

erkeley.

uor of a

Oregon

. cperiment

1 of the

a very im-

V. R. Gardner is 1 bulletin, No. 116, o. Agricultural College Station, on "Pollin. Sweet Cherry." It portant investigation.

'09.

C. J. Oviatt is holding an important position with the extension department of the University of Wyoming. These M. A. C. men are great "extenders."

B. B. Pratt has charge of the pomology department in the college of Agriculture in the University of California. His title is assistant professor, but the head of the department has not yet reported for duty, and in the meantime Pratt is entirely responsible.

'II.

C. S. Langdon, teaching agriculture in the Bay City schools, writes in to say that he likes his work. "Sam" wants to help organize an association in the Saginaw valley. That's a good idea.

L. B. Scott is located at Riverside California, and is doing plant selection work for the United States Department of Agriculture. He recently made an address at a very large fruit growers' meeting, in which he told of the results that he has accomplished.

12.

Arthur W. Cronk entered the ranks of the benedicts some six weeks ago, but the news failed to reach the RECORD until this week.

13.

W. A. McDonald, ex-colonel of the regiment, and several other things, visited college this week. "Mac" has been engaged in the forestry department at Syracuse University, under H. P. Baker. He reports that he likes the work very much, and on his return after the holidays expects to be put on the extension work.

The M. A. C. RECORD

PUBLISHED EVERY TUESDAY DURING THE COL LEGE YEAR BY THE MICHIGAN AGRICUL-TURAL COLLEGE ASSOCIATION.

GEORGE C. SHEFFIELD, MANAGING EDITOR

SUBSCRIPTION PRICE. \$1.00 PER YEAR. Entered as second-class mail matter at the Post Office in Lansing, Mich.

Address all subscriptions and advertising matter to the M. A C. RECORD, East Lan-sing, Mich. Address all contributions to the Managing Editor, East Lansing, Mich. Subscriptions may be paid for by P. O. Money Order, Drait, or Registered Letter. Stamps will not be accepted. Business Office with Lawrence & Van Buren Printing Co., 210-212 Grand Ave. No., Lansing. Mich.

TUESDAY, DECEMBER 16, 1913.

THE CONSTITUTION

Like all well organized bodies, the M. A. C. Association will soon have a constitution. Prof. Hedrick, of the college, has been in consultation with Pres. J. R. McColl, of Detroit, regarding the phraseology of the document, and the result of their labors, in its final form, will be submitted to RECORD readers for approval shortly after the New Year.

Too much thought cannot be given to the consideration of each section of this constitution. It is the thing by which the new M. A. C. Association will continue to exist and become a powerful instrument for good in the affairs of the college. Under it the various local organizations will be more than mere names. They will be units in a large plan, and each unit will have its place and its work in carrying out the work of the whole.

For that reason it is necessary when the time comes to send in. your mail vote, that every sentence be read carefully. Be sure you get what you want before you take it. The sentiment expressed in the letter from J. W. Bolte some time ago was good. The spirit of the association is progressive. Every local and every member of a local has a right to voice his opinions and to have them heard. The time of the vote is the time to say whether you think you are getting what you want or not.

The preliminary draft of the constitution and by-laws will be acted upon by the executive committee at an early date. It will then be up to the members to accept it or reject it.

DEAD OR SLEEPING ?

While Grand Rapids probably has, next to Detroit, the largest number of graduates and ex-students of any city, THE RECORD never hears from that place, except as the result of direct communication. We have beed told that there is an M. A. C. Association there, but the man who wrote us to that effect stated that it had been so long since they had held a meeting that he had forgotten who the officers were.

Is that condition right? THE RECORD believes it is not. Furthermore, we believe the Grand Rapids people do not realize the effect of their situation on organizations in other cities. An attitude of indifference, displayed in a city known to have a large number of alumni will do more to chill the rising spirit of lovalty in a small town than any other one thing we can think of. The secretary has written directly

to no less than five Grand Rapids people, asking their cooperation in starting something. No word has been received. Are they too busy, or simply lacking in interest? It is time Michigan's second city woke up to the fact that something is happening. Come on, Grand Rapids; let us have a word from you once in a while. The work will not be all on your side. The alumni office at M. A. C. will be in the game to help you do something worth while.

A revised list of Detroit alumni will soon be ready. Harry L. Brown, 215 24th St., is compiling it, and asks that any Detroit alumni who have not already informed him of their presence in the city will do so at an early date.

The real M. A. C. lies in the future. Nobody ever won a close race looking backward.

COLLEGE THESPIANS SCORE HIT IN FIRST PRODUCTION

"Sweet Lavender," one of Pinero's most popular modern comedies, held the boards at the College armory last Friday. A large audience attended this first effort of the Dramatic Club for 1914, and rendered a verdict of "excellent."

The play is a comedy, with just enough of melodrama to contrast well with the lighter portions, and, as handled by the well-balanced cast, was considerably above the average amateur production.

The plot has to do with the daughter of a Mr. Wedderburn, and his adopted son, who are unaware of their relations to each other and, of course, fall in love. Later on, the true situation is brought out. but love will have its way, and everything ends happily.

G. Karl Fisher, in the character of Richard Phenyl, stands out among a cast of more than passing merit. Mr. Fisher is one of the few members of the club who had experience last year, and this factor doubtless had much to do with his successful interpretation of his part, Miss Jessie Whitney was also one of the stars. The cast :

Horace Beam (A young American)

J. A. Bennett. Geoffrey Wedderburn (a Member of a firm of bankers) T. A. Gladden.

Clement Hale (His adopted son) K. P. Bemis.

Richard Penyl (A barrister) G. K. Fisher.

Dr. Delaney (A fashionable physi-R. M. Roland. cian) Mr. Bulger (A hairdresser and wig-

T. G. Yuncker. maker) Mr. Maw (A solicitor) Chas. Herr. Minnie Gilfillian (Wedderburn's niece) Miss Bradford.

Ruth Rolt (A housekeeper) Miss Whitney. Lavender (Her daughter)

Mrs. Gilfillian (A widow-Wedderburn's sister) Miss Fuller.

A new plan for a campus beautiful will doubtless be submitted in a short time. Frederick Law Olmsted has been invited to inspect the grounds, with a view to making suggestions as to improvements and the sites of future buildings, and his report is looked for at an early date.

NOTICE.

The date on the address of your Record denotes when your subscription expires. A large number of the subscriptions terminate January 1, 1914. Look and see if yours is among them. If so, early attention to the matter of renewing will be greatly appreciated by the editor.

We hope the Record is giving satisfaction. This can be best judged by the number of renewals received. If you are not satisfied, write and tell us why. It is your paper, and if you think of something don't be afraid to tell us about it.

ONE-WEEK SCHOOLS WELL RECEIVED

SENIOR HORTS. POPULAR AT TRAVERSE CITY SHOW

When Mahomet found that the mountain could not be induced to come to him, he went to the mountain. In so doing he set a precedent which has endured through ages, and is being exemplified even now by one division of the field work under the direction of Robt. J. Baldwin, '07.

The work in question is the schedule of so-called "One-Week Schools." It was manifestly impossible for all the farmers of Michigan to attend college to take the short course, even had they desired to do so. Even the institutes left some rural residents untouched by the newer agriculture. But the men who miss the above mentioned things and still pass the chance to attend a week's session of agricultural classes are few and far between.

Beginning in December, after the farmers' most urgent work is out of the way, a schedule of towns is worked out. The plan is similar to that followed in routing a demonstration train, only more time for each place is allowed. The school is well advertised in advance, and the college has yet to find a place where interest in the work is lacking.

The school is in charge of some agricultural graduate, as a rule, and usually a man familiar to some extent with local conditions. The subjects taken up are also seleteed to fit the district as nearly as may be, in order that the men attending may obtain the greatest possible amount of benefit. For example, schools given in the western part of the state will devote more time to horticulture than will those in the northeastern sections, while the people of the southern tier of counties find much of value in the discussion of general farming, and especially in the subject of corn. At the same time, no subject is given exclusive attention, the object being to develop a healthy interest in the general betterment of rural eonditions.

Unless things develop rapidly, a number of ex-M. A. C. men will spend Christmas watching the strikers in the copper country. Amos Ashley is a lieutenant in the artillery, Battery A, stationed at Keweenaw, and Frank Chaddock and Robert Marsh are members of the same command. Here's wishing them a happy time of it, anyway.

The face may be an index of the mind, but it doesn't follow that an actor's mind is always made up.

Eight senior Hort. students, in company with Professor Eustace and O. K. White, journeyed to Traverse City on December 3d, to attend the annual meeting of the Michigan State Horticultural Society. Every year this society puts up sixty dollars in prizes for the senior horticulture students at the college. Thirty dollars is awarded, on the ratio of fifteen, ten and five to the men who give the three best five-minute talks on some subject of horticultural interest. This feature of the annual program is always one of the most enthusiastically received numbers, and this year the contest was one of the closest and best that has ever been staged. E. Hart, of Rochester, N. Y., speaking on the subject, "Does It Pay to Renovate Apple Orchards," was awarded the first prize by the audience. A. J. Petric, of Kalamazoo, was a close second, with the topic, "Shot Hole Fungus on Cherries," A. L. Coons, of Lowell, came third, with "Market Preferences." The other speakers were: M. A. Russell, Ludington; H. S. Bird, East Lansing; A. H. Hollinger, East Lan-sing; E. C. Pickford, East Lansing, and E. R. Noteware, Bellaire.

The remaining thirty dollars was divided, on the same ratio, among the three best men in the apple identification and judging contest. Petrie was awarded first. Noteware second, and the third was a tie between Coons and Bird.

15

On Wednesday evening the annual banquet was held in the New Central Methodist church, and was attended by over two hundred of Michigan's leading horticulturists. Mr. R. H. Sherwood, of Watervliet, made an excellent toastmaster and presented a fine program.

Those connected with the College who were on the program of the annual meeting were Professor Eustace, Professor Pettit, Professor Patten, Mr. White, and Dr. Mumford.

The trip was a most valuable experience for the horticultural students, and they were royally entertained by the Horticultural Society. One of the enjoyable features of the occasion was a visit to the great cherry orchards in the neighborhood of Traverse City, especially one owned by Mr. Morgan.

The annual meeting was by far the best in the history of the Michigan State Horticultural Society.

A number of the literary societies have been holding their fall term initiations. The Auroreans and Eunomians held the initiation banquets last Monday night.

COLLEGE WATER SUPPLY FOUND TO BE IMPURE

(Continued from page 1.)

Miss Zae Northrop, of the bacteriological department, is in charge of the water investigations, and reported last week that while they are working in the dark just at present, every possible step will be taken to protect the students and employes of the college. Unless the source of the sewage contamination can be located in the near future, the water will be treated with chloride of lime. This method has been used extensively in several cities, and has proved effective in lessening the chances of ill results from a general use of impure water.

The steps that have been taken so far are largely precautionary. The water from two of the suspected wells is being pumped into the sewer, while a close watch is being kept on that taken from the other two, in the hope that some idea may be gained as to the direction from which the sewage is entering the system.

Contrary to a rumor which gained credence about the campus, no typhoid or diphtheria organisms have been found in the water. The one found to be present in the greatest numbers is B. Coli, the intestinal organism. While the department is apprehensive of no epidemics, every one has received a warning against the water, and the bottle of distilled aqua has become a familiar sight in dormitory rooms.

M. A. C. could almost have played another football schedule, if the games had been on the home lot. The weather has been of the Indian summer sort right along, except for two small storms. The oldest inhabitants are beginning to consult their data in search of a year when the December offering of the weather man was as mild as in 1913.

The customary winter mulch is being spread over the campus. Although a little unsightly just at present, a covering of snow will restore the winter beauty of the grounds, and the mulch is necessary to keep up the excellent lawn for which M. A. C. is noted.

W. F. Raven, field agent in soils and farm crops, is having a great time explaining things. He was misquoted in a Detroit paper last week, and has been receiving letters ever since.

ENGINEERING SOCIETY

(For the benefit of our readers it must be explained that THE REC-ORD has been desirous of printing the doings of the engineers for some time, but has found no one to furnish the write-ups. In the future an account of the activities of this body will be properly handled. —ED.)

A sumptuous banquet, served in Club D, Wells Hall, last Tuesday evening, furnished a fitting climax to an unusually interesting term's work for the members of the Engineering Society. The members have worked unceasingly in the interests of the society, and feel amply rewarded by the good meetings which have been held.

After the slight remains of the banquet had been cleared away, Dean Bissell acted as toastmaster and introduced a number of speakers, who discussed "The Heating Plant" from various angles. They were as follows:

" Hot Air"..... Prof. Wendt.

"Regulation"...Prof. Vedder. "Ventilation"...Prof. Kunze.

"Operation", Pres. S. M. Dean.

Each of the speakers gave some very good advice to the members about the board, and the meeting did not break up until a late hour.

During the term now drawing to a close the society has held some very successful meetings, as is shown by a list of the subjects treated by the different speakers. Among those which stand out as being of first interest are : " Michigan Trunk Line Roads," C. C. Cox, '14; "Bumming' Trip Through the West," John Hunt, '14; " Electrical Equipment of a Battle Ship," Mr. Andres; "The Construction of the new Locks at the Soo," W. H. Graves, U. S. Engineers; "General Features of the Storage Battery," W. H. Conant, of the Gould Storage Battery Co., of Detroit ; " The Chemical and Physical Phenomena of the Accumulator;" Mr. H. M. Rabinalt, and "Experiences with the United States Geodetic Survey in the West," C. M. Cade, '07, now a member of the civil department at M. A. C.

The following officers were elected for the winter term : President, H. E. Aldrich; vice-president, I. J. Fairchild; secretary, E. M. Young; treasurer, F. H. Prescott; member of executive council, A. N. Hall; reporter, L. F. Beal.

THE NEW COLUMBIAN HOME

NEW COLUMBIAN HOME WILL SOON BE READY

After a long struggle, the members of the Columbian Literary Society are about to realize on their efforts to secure a permanent home for the organization. The results of dreams dreamed long since by members of former years have at last resolved themselves into a tangible reality, and soon after the opening of college next term the undergraduate members will begin to enjoy the many privileges afforded by their new quarters.

The site of the building, chosen only after considerable discussion, is on Bogue St., just east of the College orchard, and near the intersection of Grand River avenue. Ground was broken last June, and though progress has seemed slow at times, the structure has gradually assumed its permanent form.

The construction is of hytex brick to the second floor, and stucco above, the building being four full stories in height, with a full basement. In the latter are kitchen, dining room, matron's room, and a den. The first floor is almost entirely given over to a large hall, to be used for society meetings and parties. Opening from this hall to the piazza are two large French windows, which may be opened when desired. A library is also located on this floor.

Thirty members of the society will have rooms on the second and third floors, a large sleeping porch being reached from the second floor. The dormitory system, universally adopted by the largest and best fraternity houses throughout the country, will be carried out in this building.

Each of the three lower floors and basement contains a bath room, two of which are equipped with showers. The house is probably one of the most modern of its kind in Michigan, being designed especially for its purpose as a society home.

The poor old armory is being worked overtime these days. The approach of cold weather drove the cadets indoors for drill, the basketball squad manages to secure the use of the floor for an hour or so a few times each week, and the evenings are occupied by the Dramatic Club, the Rifle Club, or by a meeting of some sort. If the present rate of growth continues, open air meetings will become a popular necessity.

EASTERN COLLEGES MAKE OVERTURES TO FARMERS

That M. A. C. is now a recognized factor in football, not only in the west but in the entire country, has been lately proved in a way to satisfy the most doubtful. Further, it has been demonstrated that the advertising value of a good football team lives long after the season of active play is past and forgotten

M. A. C. has, or will have, two great opportunities to meet representative eastern elevens next fall. The two eastern colleges who have already made overtures to the Aggies are Pennsylvania, always considered among the big teams, and the Washington and Jefferson eleven, who came through the season of 1913 with a record as glorious as our own. It was the latter team which held the Yale bulldog to a scoreless tie in mid-season, about the time M. A. C. was displaying the advantages of the open game to the Badgers at Madison.

Some idea of the quality of the schedule for 1914 may be had from the present situation. While Macklin has not received any direct communications from the above colleges, there is more to the matter than mere rumor. If opportunity is offered, at least one of the games will be taken, which with Michigan and one other big western game, should furnish thrills enough for the most rabid fans.

President Snyder and Dr. Beal attended the meeting of the State Grange at Flint last week. The college is as popular with the farmers as ever, and if the Lever Bill, now before Congress, is passed, the increased backing of the experiment station and extension work will greatly enlarge the present sphere of influence.

Dr. Beal left for the east last Sunday. He goes to spend the holidays with his daughter and sonin-law, Mr. and Mrs. Ray Stannard Baker, at Amherst, Mass. Dr. Beal's stay among us this fall has been most pleasant, and we hope soon to have him among us again.

W. S. McGowan, '13, has been employed with the Michigan Central in Detroit for some time. "Mac" succumbed to the wedding bells last month, and expects to go into business with his father at Sodus Mich., after January 1.



Are in demand now.

We specialize in the above, and are in position to show you the most complete stock in the city. May we have the pleasure of your inspection?



The M. A. C. RECORD.

HORT. CLUB BY RALPH I CORYELL

The Hort. Club was opened by a debate between Fisher and Hart, on the subject, "Is cold storage beneficial to the business of raising fruit ?"

Taking the affirmative of this question, Fisher enumerated the evils, in the present system of management, as speculation, merchandizing, or the selling of the fruits by the men who housed them, and selling under false pretenses, or the selling of fruits unfit for the market. Fisher explained the bill pending, which would tend to remedy these faults, and ended his argument by stating that legislation and education would do wonders toward bettering the conditions which now render cold storage operations unpopular.

For the negative, Ernest Hart believed that the storage difficulties could not be overcome to the extent that the business would ever be a bencfit to the consumer. Some of the principal evils of the existing conditions were enumerated, as methods of banking, insurance, and commission. Moreover, all the bills ever intended to correct any of the operations of the trade were strongly opposed by the storage and commission men. In conclusion, Hart recommended as a remedy for the abolition of the storage facilities the education of the masses to eat fruit in season. This would lower the price to the extent that the common people would be enabled to purchase sufficient quantities of the delicacy to satisfy their wants.

The rest of the time was given to T. G. Phillips, 'o2, and one of the founders of the Hort. Club. Phillips was elected as the first president of the new club. At present he is practicing his trade of landscape gardening in Detroit.

Mr. Phillips said that not everyone in the profession of landscape gardening has made an unqualified success. He firmly believed that landscape gardeners are born and not made. The true landscape designer must have more or less artistic temperament, and become a good designer as well. - In order to become proficient in his line the beginner should spend at least a year in the office of a designer, if not outdoors with the planting gang. More than with most businesses, the landscape architect must be able to sell his goods, and learn the art of advertising and salesmanship. Personality, too, is a prime requisite of success, and next is the knowledge of the subject. At Illinois the landscape department has adopted the policy of turning men away from the course in order to avert the possibility of graduating men who are naturally unfitted for that profession.

Engineering, architecture and designing are more essential to a man who expects to take up this line of endeavor than horticulture, although there can be no excuse for the landscape designer who does not know the plants with which he deals. For this reason many nurserymen who dabble in landscape gardening are not able to do justice to it.

U

There is some one in your town who ought to be getting the REC-ORD and isn't. What can you do about it ?

BASKETBALL SQUAD CUT TO SCORE OF PLAYERS

More than half the men who reported for basketball at the beginning of practice failed to show the requisites for first team men, and were gradually dropped from the list. As competition became keener and the individuals began rounding into form, flashes of real class were exhibited, and the prospects for a winning combination are good.

After his return from the east, Macklin and Capt. Gauthier proceeded with the selective process, and the squad now numbers just a score of men, part of whom are regulars and the rest of whom will fight it out for the vacant berths at center and guard, and furnish opposition for the 'varsity in the practices.

Gauthier, Vatz, and Hewitt Miller appear to be the likely selections for the forward jobs. None of the three are hig men, but their speed and deadly accuracy make them logical choices. Goss will have no trouble in holding his guard, being one of the best all-around men ever developed at M. A. C. "Dutch" Miller, of Saginaw, appears to be the man for the other guard position, following the retirement of Spencer, who has been troubled by an injury to his foot which fails to heal, The center job is receiving the greater share of the attention, four men showing up unusually well for this important place. An unusual thing about it is that three of the men, Frimodig, of the Upper Peninsula champs, "Stew" Miller, of the Detroit Central eleven of last season, and Peppard, a local lad, are all freshmen. Burt, the other candidate, is a senior, and has been on the verge of making the team for two years.

The final arrangement of games is still hanging fire, but it appears that the contemplated eastern trip will become a reality. If the plans now under way all materialize, the schedule will be one of the most ambitious ever tackled by the Green and White.

Don't forget to remind somebody, if you want one of Dr. Beal's histories of M. A. C. A line dropped to the alumni secretary will help in having one saved for you.



New Christmas Handkerchiefs

The largest and most complete line of handkerchiefs ever shown by this store. At 25c each, about 500 dozen embroidered linen handkerchiefs imported expressly for the J. W. Knapp Company. Hundreds and hundreds of other styles for men, women and children.

Write for whatever you want and we will send distinctive patterns, and if for any reason you are not satisfied you may return them and your money will be refunded.





CLOTHING.

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

L OUIS BECK COMPANY, 112 No. Washington Ave.-Correct Clothes, Up-todate Hats and Caps, Classy Furnishings.

CROCKERY AND GLASSWARE.

H. LARNED.-Ohina, Glass & Lamps. 105 Washington Ave. S.

PRINTING.

LAWRENCE & VAN BUREN PRINT-ING CO.-210-212 Grand Avenue North. Fine Printing. Both Phones.

A LLEN PRINTING CO.-128-130 Ionia St. Machines. Office Supplies, Programs, Engraved Cards, Filing Cabinets, Sectional Book Cases. Bell 1094; Automatic 3436. Special care given to M. A. C. and its students.

ROBERT SMITH PTG. CO.-Cor. Washington Ave. and Ionia St.