

# The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 8.

LANSING, MICHIGAN, TUESDAY, DEC. 9, 1902.

No. 13

## NOTICE.

Meeting of all RECORD editors Saturday morning, 7:30, College Hall.

The Shakespeare Club will meet Wednesday evening with Mrs. Marshall.

The mechanical student who did some lawn work for Professor Bogue early in the fall term will please call at the office or the house and receive pay.

At the annual meeting of the Co-operative Book Buying Association to be held December 13th, the following amendment to the constitution will be voted upon: Article II, Section 2 shall be amended to read as follows: There shall be a board of directors, consisting of the following members: The President of the association ex-officio, one member from the faculty and from the instructors, and one from each class.

## DR. JOHN'S LECTURE.

A large number of College people heard on Friday evening Dr. John P. D. John's lecture, the subject being, "The Worth of a Man." The room was cold and Dr. John was handicapped by throat trouble, having been out in the recent rain storm after having lectured for an hour and a half. The combination of cold room and laryngitis was not conducive to lofty thought but what could not be helped was patiently endured.

Dr. John introduced his lecture by relating a story of two sailors. One sailor looked out across the sea and reported a sail far off on the horizon. The other having looked in the same direction reported the sail near at hand. Both were right, for each one had looked through different ends of the telescope. The speaker contended that greatness depends upon the measuring unit, and that the basis of greatness in man is conscious self-activity.

Greatness is then a matter of comparisons. A man measured by a yard stick or seen from a great distance is insignificant. In comparison with the great solar system he sinks into nothingness. A flower, a dog, a boat and a man are on the precipice of Niagara. All are destroyed. There is no sliding scale in the terrace of God's universe. Limited by physical law man is helpless.

Physiological law was next considered. This law is no respecter of persons. Unbridled passion, the demon of drink have claimed many a genius. Whatsoever a man soweth that shall he also reap. The deed returns upon the doer. This is not preaching but science. Right is right and wrong is wrong, nor is genius any palliation for sin. The law of intellectual progress is work. Idleness causes one to degenerate into a beast.

The soul rises above the physical and physiological laws. It takes many days to go around the world, but man's thought can in a few moments go round the world many

times. The magnificent reach of human intellect is a cause for hope, for that which limits is to that extent greater than that which is limited.

## Y. M. C. A. NEWS.

Thursday evening prayer meeting was lead by Mr. E. A. Seelye. Subject: "The developmeent of character." The most priceless possession any man or woman may ever have in this world is a perfect character. Therefore above all things else our character should receive first consideration in every act of life that it may become, as far as possible, perfect.

The Chapel services Sunday morning were conducted by Rev. R. C. Dodds of the First Presbyterian church, Lansing. The service was well attended.

The Sunday evening meeting of the Y. W. and Y. M. C. A. was led by H. N. Hornbeck. Theme: "How to obtain the best in life." Every person desires the best things in life: pleasure, happiness, friendship, business success, influence, contentment and peace of mind. Now there is one best way to accomplish our purpose in securing these best things in life, and it is our business to find this best way. Jesus Christ says: "Seek ye first the kingdom of God and His righteousness and all these things shall be added unto you." This is pre-eminently the surest and best way of securing the best in life. Let us not be content until we have become the most in life, secured the best things and become worth the most to the world.

The Sunday evening meeting, Dec. 14, will be led by Mr. B. A. Faunce. This is the last meeting for this term and the only opportunity of hearing Mr. Faunce, so let everybody come.

## OLYMPIC PARTY.

The Olympic Society gave a party on Saturday evening which was one of the best things of its kind ever undertaken at M. A. C. The party lasted from 5 till 11 p. m., and about seventy-five were present, Professor and Mrs. W. O. Hedrick and Professor and Mrs. U. P. Hedrick being chaperones.

The entertainment provided was termed an Indian Festival and the society officers and those on the program were dressed in Indian costumes and sat about an Indian campfire during the literary program. Dainty booklets containing the dance program, literary program and menu were given to the guests on arrival. The front cover design was in four colors, an Indian sachem occupying the center of the cover and representations of arrows, spears, the Indian pipe and wampum being in evidence.

The literary program was given first, followed by part of the dances, the banquet, the toasts and the remainder of the dances. The literary program was full of local "hits" and was very excellent. Mr. S. W. McClure furnished the music.

## LITERARY PROGRAM.

"He moved the sceptre o'er his kind,  
By Nature's first great title—mind."

The Pioneers, or the Indian of yesterday, Chingachgook, D. A. Gurney.

Origin of the Morning Star, (An Indian Legend), Chibiabos, Glenn Sevey.

Hiawatha (A Parody), Nawadaha, S. B. Hartman.

The last of the Mohicans, or The Indians of Today, Uncas, J. L. Thorne.

## MENU.

"Oh! Hour of all hours, the most  
Blessed upon earth,  
Blessed hour of the dinners."

## Nerve-Root

Wah-Wah-Tay-See Green Shah-Bo-Min  
Roast Kagh Wild Wah-Be-Wa-Wa  
Big Chief Po-tat-too (Scalped)

Brown Gravy Firewater Quivers  
Bread

Injun Paleface  
Chief Skippers Wigwam

Pie  
An Indian Mystery A Thick Head  
U-Need A-Drink  
Adijanmo's Favorites

## TOASTS.

L. G. Michael, Toastmaster.

Pathfinder - - - - - L. F. Bird.  
"Wandering I found on my ruinous walk,  
By the dial stone, aged and green,  
One rose of the wilderness left on its stalk  
To mark where a garden had been."

Campbell.

Laughing Water - - - - - H. E. Moon.  
"How beautiful the water is!  
Dids't ever think of it.  
When down it tumbles from the skies,  
As in a merry fit?"

Elizabeth Smith.

Fasts - - - - - L. C. Thomas.  
"Who can cloy the hungry edge of appetite?"  
Shakespeare.

The Hunting Ground - - W. M. Johnson.  
"I had a glimpse of him but he shot by me  
Like a hound upon a burning scent."  
Dryden.

## SENIOR DINNER.

On Wednesday, December 3d, at 6 o'clock, occurred the senior dinner given by Mrs. Gingles. Potted ferns were effectively used in the dining room, and the flower used in table decoration was the English violet. The color scheme of violet and white was carried through the dinner as far as possible.

The guests at this dinner were Dr. and Mrs. Snyder and Mrs. Haner, with Mrs. Gingles as hostess. The following menu was served:

White Soup Finger Rolls  
Pimolas  
Chicken en Saute Potato Casserole  
Giblet Gravy  
Endive in Croustades Parker House Rolls  
Currant Jelly  
Banana Salad  
Bread and Butter Sandwiches  
Violet Cream Fondant Cakes  
Coffee Mint Creams

The seniors electing veterinary science began laboratory work last week. Three weeks are to be devoted to horse dissection, giving the opportunity for practical demonstration and application of the lecture work up to the present time.

## ALUMNI.

'95. Mr. Royal Fisher, of Hart, is reported ill with typhoid fever.

'95m. Mr. and Mrs. John M. Allen announce the marriage of their daughter Ruth Rebecca to Mr. Henry Freeman Lake, Jr., '95m, Wednesday, November the twenty-sixth, nineteen hundred and two, Gunnison, Colorado.

'98. A. M. Patriarche of Hamilton, Ontario, visited his brother last week and attended the Olympic party. Mr. Patriarche has a ten-acre fruit farm near Hamilton, Ontario.

'01. C. W. Kaylor, milk inspector for the Towar Dairy Co., has been arranging milk routes in Wayne county for the company recently.

'02. Mr. Burt Wermuth is visiting College friends. He has been at his old home since graduation.

'02. John Rankin visited Saturday and Sunday with College friends. He is traveling for the Detroit Sugar Company.

The second annual supper of the Grand Rapids-M. A. C. Association was held at the Park Congregational church, Grand Rapids, Mich., Dec. 5th, 7 o'clock.

Prof. C. D. Smith attended from M. A. C. There is printed below the program and menu:

## TOASTS.

Sentiments for the Occasion.  
Dr. J. B. Griswold, toastmaster.  
"Our Association—For What It Stands."—L. B. Hall.

"Agricultural Progress and Methods of Locomotion."—W. M. Adams.

"Our New Possessions from a Soldier's View-point."—Lieut. W. W. Taylor.

"Tributes to Dr. R. C. Kedzie."—Dr. J. B. Griswold and others.

## MENU.

Tomato Soup  
Wafers  
Chicken Pie  
Celery Mashed Potatoes  
Cranberry Jelly  
Cabbage Salad Sandwiches  
Olives Pickles  
Coffee  
Pineapple Ice Madalines  
Bon-Bons

The widow of ex-Secretary Baird was also in attendance. A desire was expressed that the memorial of Dr. Kedzie take place at the next commencement. Although the fact was brought out that the College was not founded till 1857, ninety-four undergraduates and graduates went to the civil war. Of these eleven were killed in battle or died from prison sickness or from wounds. These were: Henry D. Benham, Robert A. Dickie, Isaac B. Bailey, W. Z. BeGole, James G. Burney, Alphonso W. Carr, Charles F. Foster, John D. Skinner, W. A. Smith, William Green, Isaac D. N. Benham.

THE M. A. C. RECORD.

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

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TUESDAY, DEC. 9, 1902.

WE ARE glad to give the Detroit M. A. C. Alumni Association considerable space this week. It has come to our ears incidentally that Mr. E. I. Dail, secretary of the association, was mainly responsible for the organization of the Detroit Alumni. He has spent six weeks in perfecting the association, making many personal calls and writing numerous letters, besides carrying on his regular work. Here was unselfish labor for the social good, worth pondering over.

While speaking of the alumni, we wish to call attention to the present issue of this paper. We have called it the first "Annual Alumni Number," and an effort will be made to send a copy to each alumnus and old student who is not a regular subscriber. As has been said many times before the interest in the College of the alumni, faculty and students should find a common ground. The present issue does not even give as much variety of alumni news as ordinarily appears from week to week, but an effort has been made to have a representative issue as regards the character and aim of the paper.

To non-subscribers it may be explained that an effort is being made, and with some success, to maintain each week an alumni column, which shall be devoted exclusively to alumni items. It is earnestly desired that the RECORD be in the hands of every one who has been a student at M. A. C. The paper does not pay for itself financially, as the subscription price is but fifty cents, in order that it may be within reach of every one.

The M. A. C. alumni will gather at the College in large numbers at the June Commencement. Now is the time to get in closer touch with the College. If you are not taking the paper now, frankly why do you not subscribe?

The College paper should be taken, not because it represents a high order of journalism, but because each alumnus should keep in touch with his Alma Mater.

Sunday afternoon chapel services have been abolished at Princeton.—*Ex.*

ALUMNI.

'89. Ray Stannard Baker has returned from the east and it is his intention to remain at M. A. C. this winter if possible. He has been in the Pennsylvania coal regions making investigations.

'91. According to newspaper reports Kenyon L. Butterfield, instructor in rural sociology at the University of Michigan, has been offered the presidency of the Rhode Island State Agricultural College.

'01. H. J. Eustace of Geneva, N. Y. has been doing some investigation of great value as to the cause of the rotting of apples. In a recent issue of *Science* the cause of rotting is, as stated by him, a parasite, *Cephalothecium roseum*. "In New York State during the past season it has proved to be a true parasite and the cause of an apple rot of great economic importance. In some sections of the State thousands of barrels of apples have been ruined by it. Apple scab, *Fusicladium dendriticum*, has been unusually common this year. In September and October it was noticed that on many of the scab spots there appeared a white or pinkish growth which transformed them into brown, sunken, bitter, rotten spots. Upon investigation it was found that this white growth was *Cephalothecium roseum*, Cda., and inoculations made upon many different varieties of apples and pears under antiseptic conditions, with pure cultures, have proved that it is parasitic, and the cause of the rot. In every inoculation the characteristic rot developed while the same number of check fruits remained sound. Further investigations are in progress; and when completed they will be published in a bulletin of the New York Agricultural Experiment Station."

Not an exceedingly large but a most enthusiastic meeting was held at the Detroit Light Infantry Armory, Nov. 17, for the purpose of organizing a Detroit-M. A. C. alumni association. There was one marked difference between this and the first meeting of most organizations, namely, in the amount of enthusiasm and common feeling of fellowship which prevailed.

At the appointed time of meeting, members began to stroll into the room, and, stepping up to one they had not at first recognized, would say, "Isn't this Mr. —? Why, I didn't know you were here. I haven't seen you since we used to work on the 'hort.' together."

Such meetings as this by those who had not seen each other since the time they had defended the same colors and yelled the same "yell" in their happy college days, could not fail to prepare the way for an enthusiastic business meeting.

Mr. Henry A. Haigh, '74, presided as temporary chairman, and Mr. E. I. Dail, '02, as temporary secretary. Mr. Haigh opened the meeting by a very enthusiastic speech, in which he said that he considered M. A. C. one of the best institutions in the state. That it gave backbone and stamina to the practical business man, and gave to the professional man a better foundation than any other institution in the state. Many other rousing speeches were listened to—among others one from Mr. G. A. Kinman, who related some very interesting incidents which took place while the College was yet a "babe in the woods."

The following resolution was adopted.

That it be the sentiments of the former students and graduates of the Michigan Agricultural College here assembled; that a Detroit-M. A. C. Alumni Association be organized, the object of which shall be to bring the alumni and students of said college residing in this city and vicinity in closer relationship with each other, and so far as possible to widen the influence and horizon of our alma mater.

In accordance with a skeleton constitution drawn up by Dr. H. F. Palmer, Dr. J. K. Gailey and Mr. R. A. Littlefield, the following permanent officers were elected:

President, John W. Beaumont, '85, one of Detroit's most prominent lawyers; 1st vice president, N. W. Fulton, '95, former instructor at the College; 2d vice president, E. N. Pagelsen '89, patent lawyer; secretary, E. I. Dail, '02, bacteriologist, Parke, Davis & Co.; treasurer, John N. Goodrich, attorney. Members of executive board, Dr. H. F. Palmer, head of biol. stables, Parke, Davis & Co.; Dr. F. T. Stephenson, physician.

The association is to be controlled by an executive board consisting of president, secretary, treasurer and two members elected.

About 80 members were present at the meeting. Several of this number being ladies. After the meeting all indulged in a hearty College yell.

Some of the older and most prominent graduates in Detroit are as follows:

Fred A. Baker . . . . . Lawyer  
Dr. J. K. Gailey . . . . . Prominent Physician  
Dr. Hal C. Wyman . . . . . Dean Det. Med. Col.  
John W. Beaumont . . . . . Prominent Lawyer  
F. B. Dickinson . . . . . City Postmaster  
Henry A. Haigh . . . . . Prominent Lawyer  
Geo. E. Lawson . . . . . Cash, Peo. Sav. Bank  
Frank E. Robson . . . . . Lawyer  
Dr. F. T. Stephenson . . . . . Physician  
W. B. Campbell . . . . . Merchant  
Dr. H. F. Palmer . . . . .  
Head of Biol. Stables, Parke, Davis & Co.  
Geo. L. Chase . . . . . Lawyer  
Alfred Chase . . . . . Lawyer  
G. A. Kinman . . . . . Traveling Salesman  
Dr. Howard Baker . . . . . Physician  
E. A. Stricker . . . . . Lawyer  
F. H. Whitney . . . . . Insurance

SEC. NOTICE.

All those who are interested in this association and were not present at the first meeting will receive notice of next meeting and banquet by sending name and address to Sec. E. I. Dail, 755 Monroe Ave.

REMARKS BY H. A. HAIGH.

H. A. Haigh, '74, one of the

speakers of the evening, had this to say:

M. A. C. is the best and finest institution of its kind in America, if not in the world. It occupies the most beautiful college site in the Peninsular State. It has been blessed with a faculty and board of trustees of singular ability and devotion to the interests committed to their charge. It ministers to a class the most numerous in our state and nation—the hardy, honest artisans and tillers of the soil. In some of the older countries of the world the tillers of the soil are serfs and peasants, or tenants of a class of absent landlords. In America the workers in God's green fields are free and independent. Manly, stalwart, honest, upright and intelligent, they constitute the moral and physical bone and sinew of our population. I am proud to have sprung from this great body, and I have sometimes regretted that the exigencies of my individual life have taken me somewhat aside from the path in which my Alma Mater started me. I look forward to the afternoon of life when I may return to the peaceful fields from which the commercialism of this strenuous age allured me.

MEETING OF STATE HORTICULTURAL SOCIETY.

The thirty-second annual meeting of the State Horticultural Society was held in Hart December 2d, 3d and 4th. The College sent its usual large delegation, and many M. A. C. men had places on the program. The following were in attendance from M. A. C.: Professor Taft, Professor U. P. Hedrick, Mr. Gunson, Mr. Longyear. Prof. Taft read a paper on keeping up orchard fertility; Prof. Hedrick read a paper on varieties of apples, and exhibited some seventy sorts from the station grounds. Mr. Gunson's subject was "Diversified Horticulture," and was illustrated with stereopticon views. Mr. Longyear gave a few remarks on "Diseases of Plants." It is expected that he will get out a bulletin before long on fungus diseases.

Among the old M. A. C. men who attended the meetings were: James Brassington, Mr. C. B. Cook, Mr. George Hawley, Secretary C. E. Basset, Mr. James McCallum, Mr. Roger Southwick, Mr. Piper, Mr. Alex. Gordon and Mr. Royal Fisher, old M. A. C. men, are residents of Hart though not directly interested in horticulture. Taken all in all the meeting was one of the best ever held.

THE DONSEREAUX CLOTHING & GROCERY CO'S

M. A. C. SPECIAL



Is now being distributed for the Opening Sale of DRY GOODS, CLOTHING AND GROCERIES.— A special sale exclusively for the College and Collegeville. Be sure and get one of our circulars.

A. M. DONSEREAUX.

THE FOOT-BALL TEAM.

NOTES RELATIVE TO THE INDIVIDUAL PLAYERS.

The makeup of the team of 1902 will perhaps be of interest to our readers. Wesley Cortright, who played regularly at right end, came to M. A. C. with considerable football experience, having played on the Hillsdale high school and college teams. He stands 5 feet 6½ inches in height and weighs when in training 159 pounds. His home is in Hillsdale.

Frank Kratz, right tackle, played right guard on the Albion high school team for three years before entering M. A. C. He played right tackle on the team last year, which experience greatly helped him in his work this year. He is 6 feet 2 inches tall and weighs 167 pounds.

Right Guard Harry Meek came to M. A. C. from his home in Manton with no football experience, and never having seen a game. This is his second year at right guard, at which position he is without a peer in the M. I. A. A. He is 6 feet 1½ inches tall and weighs 175 pounds.

John Decker, center, has been a member of the squad for three years, making the team for the first time this year. His work has been very consistent with a few minor exceptions. He is probably the strongest man on the squad, standing 6 feet and weighing 190 pounds.

Left Guard Turner had some football experience on a high school team, and made the first team late in the season, playing in but one game. He made a very creditable showing, being somewhat inexperienced but strong and willing. He weighs 195 pounds and is 5 feet 11½ inches tall.

Left tackle Bell is another of the squad who has had no former experience, but who showed by the form he displayed in the later games, that he is of the right material and will develop into a strong tackle. He is 5 feet 10½ inches tall and weighs 170 pounds.

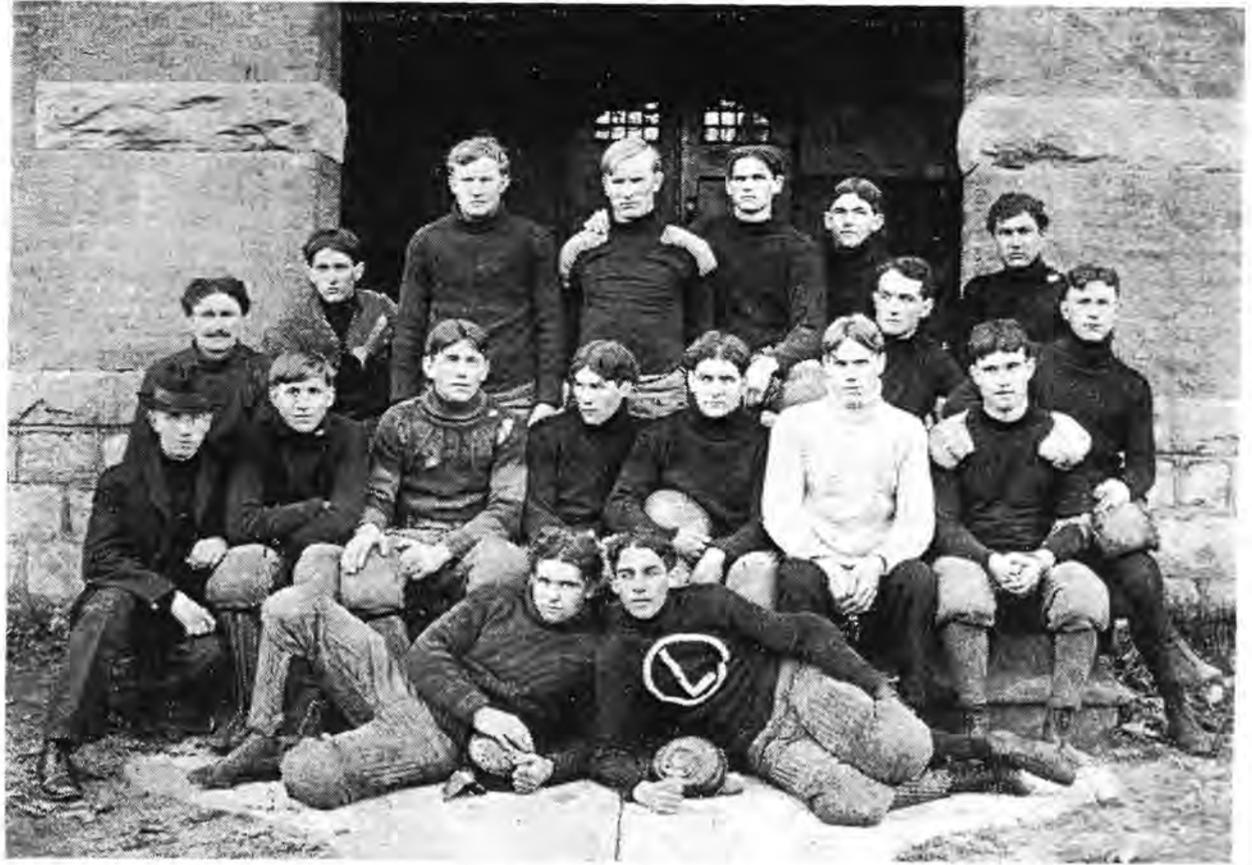
Arthur Peters, left end, played on the M. A. C. scrubs of '99 and first team of 1901 at left tackle. He is 5 feet 9¾ inches tall and weighs 163 pounds.

Don Childs, the best quarter-back in the M. I. A. A., came from the Lansing high school with two years' experience. He ran the team admirably, handled the ball well and was a fine open-field tackler, playing back on defense. He is 5 feet 9 inches tall and weighs 148 pounds.

Harold Childs, right half back, also from Lansing high school, with 3 years experience, played his usual star game throughout the season. His punting was the best of any in the M. I. A. A., and was probably as good an end runner as any. He bucked the line hard, and was always there on defense. He was the choice of the team as captain for next year. He is 5 feet 11 inches tall and weighs 171 pounds.

Full Back Strand has had some experience in high school football, but this is his first year on the team at M. A. C. He improved fast in the latter part of the season and should be a good man for next year. He weighs 178 pounds and is 6 feet tall.

Left half Howard Smith has had some football experience before this year. Having played on the Ludington High School team and on the "scrubs" of last year. Injuries kept him out of the game the latter part of the season or he would have un-



MANCL, G. KRATZ, F. L. TURNER, G. DECKER, C. MEEK, T. G. GUNNISON, C. BOOMSLITER, L. BELL, J. L. AGNEW, L. H. D. WHEELER, MGT. SWALES, C. STRAND, L. D. CHILDS, J. PETERS, CAPT., L. E. DENMAN, COCHL. H. CHILDS, F. H. D. CORTRIGHT, T. E. BURRINGTON, C.

M. A. C. FOOTBALL TEAM, SEASON OF 1902.

doubtedly made the team before the end of the season. As a line bucker and defensive player he cannot be beaten in the M. I. A. A. He is 5 feet 9 inches tall and weighs 160 pounds.

Gray Burrington, end, has played football for three years having played on the Culver Military Academy team and the Lansing High School. He is the fastest man on the squad but a trifle too light for a college team.

Charley Swales, end, has had some experience in football, having played on Central High School team of Detroit. A trifle light but cool and steady, a good defensive player and one who should be a valuable man another year. He is 5 feet 8¾ inches tall and weighs 148 pounds.

Leslie A. Agnew, half and full, played in the second team at Albion last year and should be a good man next season. He is 6 feet tall and weighs 172 pounds.

Of the remainder of the squad, Gunnison, Smith, Boomsliter, Hahn and Mauch showed promise of being good men another year; as the team loses but one man by graduation the chances for a winning team next year are exceedingly bright.

The following All-Michigan College team has been selected:

- Peters . . . . . l. e . . . . . M. A. C.
- Hart . . . . . l. t. . . . . Olivet
- Baer . . . . . l. g. . . . . Olivet
- Angel . . . . . c. . . . . Alma
- Meek . . . . . r. g. . . . . M. A. C.
- Kratz . . . . . r. t. . . . . M. A. C.
- Bechtel . . . . . r. e. . . . . Albion
- D. Childs . . . . . q. . . . . M. A. C.
- Fuller . . . . . r. h. . . . . Alma
- Anderson . . . . . l. h. . . . . Alma
- H. Childs . . . . . f. . . . . M. A. C.

Peters is considered the best end M. A. C. had, being good on breaking up interference and advancing the ball. Hart is strong on defense. Probably Harkness, had he played the full season, would have outclassed Bechtel. Fuller and Anderson seem best qualified for the halves while H. Childs has no equal in the

Michigan College elevens as a punter and place kicker. Meek is perhaps the best all around player in Michigan aside from the University eleven. Kratz has greatly improved over last year. The Michigan College elevens have no phenomenal quarterbacks. D. Childs, however, never gets rattled, runs the team well and is a sure tackler in an open field.

THE TREES AT M. A. C.

The lay of the land of the College campus has much to do with its beauty. The surface does not consist of rugged hills, valleys, cliffs, bare roads, nor of a flat prairie, but there are gentle undulations mostly as nature left them. There are but few spots where the art of man has marred the beauty of this pleasing outline. Greater elements of beauty are grass and trees. With Downing, "We love most the soft turf, which, beneath the flickering shadows of scattered trees, is thrown like a smooth natural carpet over the swelling outline of the smiling earth. Grass, not grown into tall meadows, or wild bog tussocks, but softened and refined by the frequent touches of the patient mower."

"With such a lawn, and large and massive trees, one has indeed the most enduring sources of beauty in a country residence [or a College campus]. Perpetual neatness, freshness and verdure in the one; ever expanding beauty, variety and grandeur in the other—what more does a reasonable man desire of the beautiful about him in the country? Trees are the noblest and proudest drapery that sets off the figure of our fair planet. Must we add flowers, exotic plants, fruits? Perhaps so, but they are all, in an ornamental light, secondary to trees and grass, where these can be had in perfection. Only one other grand element is needed to make our landscape garden complete—water."

A smoothly cut surface of grass

has more admirers than one left to grow tall with uneven tops, perhaps because it is associated with the pleasure of walking across such a lawn. Not so with trees and shrubs. Their grace and beauty are much impaired by frequently shearing the growth to keep the surface even.

When purchased in 1855, excepting an acre or so, the College farm was an unbroken wilderness, containing numerous small swamps and catholes. The portion now known as the campus was mainly oak openings.

In those days it was believed best to plant an orchard in a hollow, and to improve forest trees that were to be left on the grounds by cutting back the tops. Therefore, for protection, the first pear orchard was set in the hollow south of the houses now occupied by Professors Vedder and Burrows, and the tops of the forest trees were cut off by a fearless climber, then a student, the late Charles E. Hollister, '61. Many of these trees have died, and from time to time have been removed, but many are still left. Very few of the old trees of the primitive forest ever adapted themselves to "civilization" in an open lawn. In the hollow north of College Hall, and southwest of Williams Hall, are to be seen some thrifty trees of nature's own planting. The tops of these were not removed and they were young enough to adapt themselves to the new condition of things.

The trees about Williams Hall were numerous and crowded, and all inclined to die or reach up high to overtop their fellows, after the manner of good timber trees in the woods. To prevent this elongation, and to secure low broad-topped trees, such as all like to see on a lawn, large numbers of the least desirable were from time to time removed. With plenty of room on all sides the remaining trees readily took the hint and ran up less and spread out more.

To accomplish the same result, some one in authority at the University of Michigan cut off the tops from many of the crowding trees, much to the annoyance of most of the regents and faculty.

Very soon after the first buildings were erected, known as College Hall, Saints Rest (burned in 1875), and four brick dwellings, now numbered 4, 5, 6, 7, tree planting began. Professors Holmes, Thurber, Prentise, Tracy, and President Abbot brought trees from the forest and purchased others from nurseries. As evergreens were rare in this part of the country, all of these men preferred planting them to the native broad leaved trees. A highway then extended from the top of the hill near where President Snyder now lives to a point a little south of Howard Terrace. In 1873 many of those trees were taken out in certain places that no one need see a straight row of maples stretching its length over the campus. Any one can yet find the remnants of this row.

Seeing that each of the four former professors of horticulture made a different plan for the grounds, and in consequence, one ripped up and made over at great cost of labor much that his predecessor had done, in '72, before giving the fifth man, the writer, a chance to see what he could do, the State Board of Agriculture wisely employed Adam Oliver to stick stakes and make plans which they voted to make so permanent that no one in the future should ever be permitted to change them.

With small means, the writer set large numbers of trees about the campus in 1873 and '74. The variety was small, but all were well cultivated to insure rapid growth. He set all the larger evergreens from the house occupied by Professor Barrows to the west; those about the greenhouses, chemical laboratory, in fact most of those on the campus, excepting some that were previously planted by former professors. He soon learned that there is nothing permanent in tree planting,—that every year, if not oftener, some tree needed to be removed, trimmed a little, another set here and another there. A well-managed evergreen should never be trimmed up from the ground; still there is no law in the Statutes of Michigan to prevent the owner of a lot trimming up his evergreens if he wants to and doesn't know any better.

In 1870, the writer put labels on a few of the trees, and labels have reigned ever since, though they are troublesome to keep in good repair. A printed guide to the trees and shrubs of the campus can be had of the professor of botany by persons desiring to study the subject. How many species and varieties of trees are there on the campus? Not a thousand kinds? No, just about one hundred and fifty kinds.

The trees grow rapidly. No one realizes this as much as the old graduate or former teacher who returns to the fold after an absence of from ten to twenty years. Even the writer was slightly shocked the other day on seeing an old photograph of the green houses and vicinity taken some twenty-five years ago, when the surrounding trees had fairly become well established. From 1890 to 1901, during the reign of Professor Taft, may be said to be the period of shrubbery, and shrubbery was much needed.

The year 1902 marks the era of tree-thinning, when Professor U. P.

Hedrick takes up his ax and saw, and thinning was much needed.

At M. A. C. we all believe in trees, though we have no respect for the oft quoted sentiment, "Woodman spare that tree." That depends on what is best for other trees in the vicinity. The sparing of one tree may often jeopardize the welfare of five others. Broad, open spaces of lawn, destitute of trees, are very desirable, and especially distant glimpses of a fine building here and there or the neighboring forest.

W. J. B.

### THE INTERNATIONAL LIVESTOCK EXPOSITION.

For most of the breeders of livestock, the show season of nineteen hundred and two has ended. The season has been a very interesting one to all who are interested in the development and improvement of our breeds of livestock, and especially so to those who have been more intimately connected with the production of animals which have competed against one another for the honors of the show ring. Honors have crowned the results of many a successful breeder, and it seems the highest wishes of all for high achievement in the art of breeding have been satisfied in the results of this season's showing. Never before have so many excellent individuals of all classes been produced and exhibited.

The season came to a fitting close during the week of November 29th to December 6th at Chicago where was held the International Livestock Exposition which people have learned to recognize as one of our great annual events. It is truly an important event in the fact that it is the greatest show of cattle, sheep, swine and horses any country affords. It is not a show for mere pastime and amusement, but rather a show where men go and make a careful study and learn what constitutes the perfect type and breed characteristics of the different classes of our useful animals. The cattle exhibited, represent mostly beef producing animals, and the horses are mostly of the draft type, however a few splendid specimens of the coach type are always to be seen. The show is really a fat stock show where size and weight, combined with quality and symmetry of form are to be seen in every animal.

In all of the departments, progress seems to have been the watchword of every breeder for nineteen hundred and two. The sheep and swine departments perhaps showed as little improvement over other years as any of the departments, yet it would be difficult to outline wherein they could have made a better showing.

The horsemen outdid themselves over former years by exhibiting the finest lot of draft horses Chicago has ever known. There was a greater number on exhibition than ever before, and a high standard of excellence was noticeable in every class brought out.

The cattle department was perhaps the most interesting part of the exposition to the greatest number of people. The sentiment of all cattle experts pronounced it the best cattle show ever held. It would seem the war of the breeds must cease and leave fancy alone to choose which breed she will have when it comes to selecting some one breed as the best. Among the pure-bred breed-

ing classes, the Shorthorn, Hereford, Aberdeen, Angus and Galloway breeders all showed individuals that were beyond the criticism of the most critical judge, and in not a few cases, it seemed hard to find criticisms to offer that would warrant the judge in placing one or more animals below the animal he chose to award first place. One who was not there cannot appreciate these animals in the fullest sense.

The one animal calling forth the admiration of the greatest number of people was perhaps the Hereford bull, Britisher, a bull weighing 2790 pounds, who possessed smooth, even lines and carried himself with ease and style that made him champion of the show over all other Herefords. The bull, Choice Goods, and the cow, Reuberta, were shorthorns that were as much admired as any others, and among the black breeds were to be found specimens of equal merit. Breeders of the dual-purpose type of cattle deserve being mentioned also, as there were exhibited fine individuals of the Polled Durhams, Red Polls and Devons.

In the fat cattle division, the grand championship was won by a two-year-old Aberdeen Angus steer, "Shamrock," a steer fitted and shown by the Iowa Agricultural College. He was awarded his high place of honor by James Biggar, a British expert judge who was called to America to act as judge of the fat cattle. Shamrock was sold to Richard Weber, of New York city, where he was taken alive to be placed on exhibition for a time and then slaughtered for Christmas beef. He cost Mr. Weber fifty-six cents per pound, \$1,002.40, being the price paid for him, his live weight being 1790 pounds.

Several of the agricultural colleges were represented at the show by having stock on exhibition and students entered for the Student's Judging Contest, which again this year was a feature of the Exposition. Michigan was represented in this contest, competing with Iowa, Wisconsin, North Dakota, Minnesota and Ontario as a college, and besides college men, there were as many more farmer's sons who took part in the contest this year, thus adding a new interest to it. The results of this contest will be announced later and as soon as they are determined and reported by the Exposition management. This in brief gives us a slight idea of the Exposition, but the thousands who attended will be able to recall to mind a great many interesting things one cannot hope to picture in words. The International Livestock Exposition promises to be a permanent thing, and as long as it will furnish to breeders the inspiration and education it has furnished them, just so long should it receive the hearty support of the American people.

### OTHER INSTITUTIONS.

The seniors of the University of Colorado have petitioned the faculty to have the mid-winter examinations take the place of final examinations.

On June 30 last, there were 165,000 volumes in the libraries of the University of Michigan. Nearly 80 per cent. of the total number of books belonged to the general library; about 12 per cent. to the law library, and about 7 per cent. to the medical library. More than 77 per cent. of the 165,000 books have

been gathered together in the last twenty-two years. The remaining 23 per cent. were collected during the preceding forty-two years.—*U. of M. News-Letter.*

*The Dartmouth* in its last issue publishes two charts illustrating both halves of the Dartmouth-Brown Thanksgiving game.

The Cecil Rhodes scholarships are attracting considerable attention nowadays. *The Pennsylvania* has this to say regarding them: Cecil Rhodes provided in his will for two American scholarships, to be awarded to each of the present States and Territories of the United States. The holders of each are to study for three years at Oxford, and to receive \$1500 per annum. In selection of the students for these scholarships character and manliness are to count as much as scholarship.

The trustees of the Cecil Rhodes Will recently referred the question of the manner of nomination of candidates for scholarships from the United States to the District Board of Education at Washington, and as a result the following recommendation has been submitted to Secretary of State Hay:

"That the trustees of the will of the Rt. Hon. Cecil John Rhodes be invited to appoint an American commission, to consist of the Commissioners of Education of the United States and other eminent educators representing public institutions of secondary and of college grade, who shall, under the trustees, be empowered to make and carry into effect all needful regulations respecting the selection of qualified students from the several States and Territories of the United States, in accordance with the terms of the said will.

Coach Yost being asked to select an all-American football team gave three Michigan men places—Redden, Heston and Weeks. It is probable that Coach Hollister will not be at Northwestern next year. McCornack, Dartmouth coach the past season, is a possible successor.

A post-season football game has been arranged between Stanford and the University of Utah.—*Ex.*

Nebraska is planning for a new observatory for the astronomical department. Plans are being drawn up with a view to ascertaining the cost of the structure, which it is planned shall be 26x36 feet on the ground, one story in height, with an enclosed hall on the deck of the building connecting two towers.—*Ex.*

Columbia has established a course in automobile engineering which will begin next April with an enrollment of thirty students.—*Ex.*

The various boarding clubs have elected stewards for next term as follows: Club A, J. O. Greenway; Club B, A. A. Adelman; Club C, Miss Carrie A. Lyford; Club D, Ray R. Tower; Club E, George Cardoza; Club G, A. R. Carter; Club H, Edward Balbach.

The M. A. C. basket ball team will hardly play the University of Minnesota team when the latter team makes its trip east. The Minnesotans desire \$125 guaranteed to them for a game at M. A. C. The Governor's Guards having written to the manager of the Yale team for a game, have learned that the Yale team is willing to play three games with them in Lansing provided there is a guarantee of \$500.

ABOUT THE CAMPUS.

The new postoffice will be occupied this week.

Many from the College attended the Masonic Fair in Lansing last week.

Prof. W. O. Hedrick recently read a paper before the Lansing U. and I. Club.

The design for the 1903 M. A. C. calendar is about completed. Miss Earl has the calendar design in hand.

The "kids" on the campus have had skating the past week on the pond back of the Women's Building.

Ray Vandercook, with '05, was at M. A. C. last week. He will take special work during the winter term.

Mr. Harrison, M. A. C. tobacco-nist closed up his place of business sometime ago and it is rumored that he will remove to Texas.

Nearly seventeen hundred fungi (fungi Columbiani) have been received by the botanical department, and are being mounted for the herbarium.

Instructor Michels has an interesting article in the last *Michigan Farmer* describing the most approved methods of regulating the temperature of the cheese-curing room.

The Hesperian Society elected officers Saturday, as follows: President, C. L. Lilly; vice president, E. D. Allis; secretary, G. W. Nichols; treasurer, J. P. Knickerbocker; marshal, B. Wheeler.

Miss Foster, of the postoffice force, spent Sunday in Okemos.

Many of the instructors expect to spend the Christmas vacation at their various homes.

Mr. Faunce was surprised one evening last week by his numerous friends. An enjoyable time is reported.

Several from the College are hearing the lectures on the English novel by Prof. Troop of Chicago University.

Matt Crosby and T. G. Phillips of 1902 have been at the College during the past week having finished their field work in the U. S. Forestry Department for the present year.

In the likeness of this year's football team which appears in this issue, Smith and Nern are missed. The necessity of getting a cut on short notice made it seem inadvisable to procure another picture of the team.

Mrs. Ella Kedzie left Thursday morning for the South. Her address through December will be 518 Bradley Ave., Peoria, Ill., and after January 1st, Mangonia, Lake North, Florida. She will be away two or three months.

The games which the Y. M. C. A. boys put in the club rooms early in the term have proved very popular. As opportunity for outdoor sports becomes less and less with the advance of the season the demand for such recreation as the Y. M. C. A. has afforded becomes correspondingly greater.

Miss Blunt, assistant professor of English at M. A. C. last year, is now in Glasgow, Scotland.

The club board was not audited Saturday, as the directors of the association could not arrange a time for meeting.

Many grangers were visiting the College yesterday. The State Grange held the first of its meetings in Lansing today.

Instructor Waterbury has been at considerable pains to collect data about the sinkhole on the Grand Trunk beyond Okemos. He will possibly prepare an article for one of the engineering magazines regarding this interesting subject.

The horticultural department has purchased a powerful spraying apparatus, and spraying will be carried on on an extensive scale, and the purpose being to treat about four hundred elms upon the campus and the immediately surrounding territory.

The botanical department has been annoyed by the fading out of the labels on the zinc labels designating flower plots. At present Instructor R. L. Brown is experimenting with different paints to determine the one best qualified to withstand weather conditions.

Dr. Beal gives his students an occasional motto written on the blackboard, the last one was, "He who expects to rate high in his classes must not expectorate on the floor," and he added, this should apply to street cars, depots, and sidewalks, everywhere.

Mr. P. M. Lyman is engaged in arranging the statistics for the next annual report of the Secretary of the State Board of Agriculture.

The Eclectic Society elected the following officers for the winter term: W. R. Brown, President; A. Adelman, Vice-President; L. T. Clark, Secretary; L. V. Agnew, Treasurer; H. T. Ross, Librarian; F. C. Rork, Marshal; E. S. Good, RECORD Editor.

At their meeting Saturday evening the Columbian Literary Society elected the following officers for next term: President, W. M. Brown; Vice-President, A. R. Alger; Secretary, V. R. Gardner; Secretary of Records, W. P. Robinson; Treasurer, G. R. Fryman; Marshal, J. C. Button.

The horticulture department has received in exchange twenty-five varieties of apples from Prof. Waugh, of Massachusetts. The purpose of the exchange is to compare variations in size, shape and color in the same varieties as grown in different parts of the country. The variations are interesting from a horticultural standpoint.

At the athletic meeting yesterday monogram and regulation white sweaters were awarded to football men as follows: Peters, Childs, D. Childs, H. B. Smith, Decker, Meek, Bell, Cortright, Strand, Kratz. Seven regulation basket ball suits were voted, including trousers, jersey, and stockings. Mr. Haftenkamp was elected football manager for the ensuing year.

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"Liberty Documents," by Miss Hill. A presentation of the state papers having to do with the development of constitutional government from the time of Henry II to the administration of Wm. McKinley.—Longmans Green & Co.

"Constitutional History of the United States," F. N. Thorpe. This work concerns itself largely with the growth of the state governments and in this respect differs from all other constitutional histories.—Harpers & Brothers, 2 vols.

"Value and Distribution," Chas. McFarlane. A lucid and comprehensive description of relation of the value theory to the problem of distribution.—Lippincott.

"History of England," Benj. Terry. English history is told by Prof. Terry from the standpoint of a few chief aspects, such as the growth of the empire, settlement of the government, founding the state, etc., and is entertainingly written.—Scott Foresman & Co.

"Short History of Germany," E. H. Henderson. No scholarly history of the German people for English readers of an easy, popular style—after the fashion of Green's History of the English people—had been written until the Completion of Mr. Henderson's works.—MacMillan & Co.

"History of Political Theories," W. A. Dunning. An account of the various philosophies of political existence from Aristotle on.—MacMillan & Co.

"Municipal Monopolies," Bemis, E. W. A collection of essays on the vital problems of city government in the United States.—J. I. Crowell & Co.

"Financial Crises," Burton, T. E. A comprehensive explanation of the periodical "hard times." Congressman Burton has made the most extended exposition of this subject known to us.—Appleton & Co.

"Economics," Devine, E. T. This work attempts to describe society in more aspects than the one of buyers and sellers. Is an elementary work.—McMillan & Co.

"Municipal Government," B. S. Coler. A work on practical city government.—Appleton & Co.

"Human Nature and the Social Order," Chas. Cooley. A work devoted mainly to social psychology.—Scribners.

"Monopolies, Past and Present," Le'Rossignol, J. E. A popular discussion of this subject. Besides giving the history of monopolies, it is devoted mainly to the railroad and trust problems.—T. Y. Crowell & Co.

"Civil War and the Constitution," Burgley. Among other features this work offers a protest against the "carpet-bag" system of reconstruction.—Scribners.

**BULLETIN DISTRIBUTION.**

The following explanation will perhaps clear up some of the hazy ideas as to the methods of securing publications from the U. S. Experiment Station, Dept. of Agriculture: The libraries of the Agricultural College and experiment station are regularly supplied with one copy

each of all the publications issued by this department. The officers of these institutions may obtain free, on request, any publication of the department so long as the edition lasts. It often happens, however, in case of documents exceeding 100 pages in length (the edition of which is limited by law to 1,000 copies), that the distribution is necessarily restricted to libraries and specialists in the subject covered by the bulletin. In such cases the edition becomes practically exhausted as soon as the bulletin is issued, but as long as any copies remain on hand they may be supplied to college and station officers on request. It is only in case the supply is completely exhausted that they need purchase copies from the superintendent of documents.

Even excluding the documents limited in edition, the Department does not maintain any general mailing list of individuals to whom its various series of publications are sent as issued, but the several Bureaus and divisions maintain separate lists which include many of the college and station officers.

In case of bulletins relating to the special investigations in charge of this Office (food and nutrition of man, irrigation, etc.), the distribution is confined to the libraries, college presidents, station directors, and officers on the official and scientists' lists who are pursuing investigations in these respective lines.

At the last meeting of the Adelpic Literary Society the following officers were elected:

Pres., E. O. Elmer, Vice Pres., J. C. Morbeck, Secretary, Chas. Marshall, Treasurer, W. B. St. John, Marshall, J. E. Fisk.

The plans for the new grand stand call for a structure 88 feet in length, to seat 600 persons, each seat to be provided with a back. Underneath the stand there will be rooms for training quarters. The work will be begun as soon as practicable in the spring, and the stand will be completed before the opening of the base ball season.

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