

The M. A. C. Record.

VOLUME I.

LANSING, MICHIGAN, TUESDAY, JUNE 9, 1896.

NUMBER 21.



ABBOT HALL.

ABBOT HALL.

Abbot Hall, named for President Abbot is the name of the building which has been so long pointed out as likely to be given over to the use of the ladies when a distinct course was arranged for their especial benefit. It was designed by William Appleyard of Lansing, built in 1888 by Cleveland & Ward of Flint; dedicated with appropriate ceremonies by Oscar Clute, later president of the College, on August 11, at the time of commencement and reunion of the Alumni. The building is two stories high, of modified colonial style, the walls made of red brick. It is located not far from the Armory and the residence once occupied by President Abbot, and during recent years by Dr. Beal. The shape is that of a parallelogram extending north and south, with an extension on the west side for kitchen and dining room. The hall fronts the east, looking toward the chapel and other buildings, is heated throughout by hot water, supplied by bath rooms, with an ample basement for storage. The rooms will comfortably accommodate fifty persons. Artificial stone paths extend from this hall to nearly all other College buildings.

OUR VETERANS.

In response to an invitation to our Michigan alumni and ex-students who took part in the late rebellion, ten attended our Memorial Day services. We are glad to be able to publish short sketches of the war and College records of each of these:

Mrs. R. M. Brooks was present and furnished the following data: Sergeant Ransom M. Brooks entered College in '57, but left in April, 1861, and enlisted at St. Johns, Mich., in the Eighth Michigan Infantry. He served for three years and then re-enlisted. He was wounded at James Island, and captured at the battle of the Wilderness, after which he spent ten months in Andersonville prison. [One of the most thrilling tales of the war the writer has ever listened to was Sergeant Brooks' account of his experiences in Andersonville.] A few years after the close of the war Sergeant Brooks returned to M. A. C., graduating with '73. His death occurred in Lansing, Feb. 17, 1890.

Judge M. D. Chatterton, Lansing, entered College, May, 1857, and remained until July, 1860. He was drafted into the military service in 1865, but his services were never required. In 1887 he received the honorary degree, M. S., from M. A. C. and in 1894 was elected

president of the Alumni Association, which position he now holds.

Judge Albert E. Cowles was at M. A. C. in 1857-58, and graduated from the Law Department, U. of M., in 1862. In August, 1862 he enlisted in Co. A, 20th Michigan Infantry, and in June, 1863, was discharged. Judge Cowles is Probate Judge for Ingham county, and resides at Mason.

Hon. George A. Farr enlisted in April, 1860, in Co. K, 1st Michigan, three-months' men, and when discharged enlisted in Battery M, 4th U. S. Artillery. He served through the war, participated in most of the battles of the Army of the Cumberland, and was discharged in 1865, first sergeant. In 1866 he entered the Agricultural College and graduated in 1870. Mr. Farr is now one of the most prominent lawyers in Grand Haven, and has been frequently honored with responsible positions. In January, 1896, he was appointed Regent of the University of Michigan by Gov. Rich to succeed Charles Hackley, resigned.

Joseph B. Griswold, M. D., Grand Rapids, Mich., was at M. A. C. in 1859-60; enlisted in 2d Michigan Cavalry in 1861, and was discharged on surgeon's certificate of disability in August, 1862. He returned to M. A. C. in February, '63, and remained one term. He was commissioned assistant surgeon of the 4th Michigan Volunteer Infantry in September, '64; surgeon and major in January, '66, and was discharged in May, '66. He is now practicing medicine in Grand Rapids.

Charles E. (Dock) Hollister, Laingsburg, entered M. A. C. in May, 1857, and was present when the buildings were dedicated. He would have graduated in 1860, but the Board of Education then in control adopted a course of study of two years' duration, every branch of which he had passed. He and W. C. Green returned in the spring of 1860 and, finding no place for themselves in the course, left. In 1861 the Board adopted a four years' course and Mr. Hollister returned, graduating with '61. The whole class, with Oscar Clute and others, enlisted Sept. 16, '61, in a signal corps organized under special authority of Gen. Fremont; served four months and were discharged by Gen. Hallock. There is an elm on the east side of the walk leading from Howard Terrace to the Library that was set out by Mr. Hollister in '58.

R. C. Kedzie, M. A., M. D., enlisted at Niles, Mich., Dec. 5, 1861, as assistant surgeon of the 12th Regiment of Michigan Infantry; promoted to be surgeon in the same regiment April 20, 1862; resigned for disability Oct. 8, 1862.

Dr. Elmer D. North entered at M. A. C. in 1861. In August of the same year he enlisted in Co. E, 8th Michigan Infantry, and in January, 1862, in D, 14th Michigan Infantry. Was discharged in March, 1865. Mr. North graduated from Albion College in '70, and from Detroit Medical College in 1881. He is now a practicing physician in Lansing.

Will W. Tracy enlisted in Co. D, 45th Massachusetts Volunteers and served with this company in North Carolina until sent to the hospital in Beaufort. In August, 1863, he was sent home from this hospital, and in November of the same year was discharged. Mr. Tracy entered this College in '63, and graduated in '67. He is now a resident of Detroit, and is with the D. M. Ferry Seed Co. In 1870-72 he was professor of Horticulture.

Dr. James H. Wellings, Lansing, attended the Agricultural College from May, 1860, to the close of 1863. Enlisted in Co. E, 2d Michigan Infantry in December, 1863, commissioned second lieutenant April 1, 1864, and discharged in December, 1864. He graduated in medicine at Bellevue Hospital Medical College, New York city, in the spring of 1874, and received the honorary degree, M. S., from M. A. C. in 1886.

C. F. Wheeler, M. A. C., entered Mexico Academy, Mexico, Oswego county, N. Y., in 1857. In August, 1861, he enlisted as a private in Co. B, 7th Regiment, New York State Volunteer Cavalry. In April, 1862, this regiment was mustered out of the United States service and in July, 1862, he re-enlisted in Co. F, 147th Regiment New York Volunteer Infantry. Was sent to Catholic College Hospital in Georgetown, D. C., Nov. 1, with typhoid fever, and to Philadelphia, Pa., in December, where a relapse with pneumonia accompanied him in the United States General Hospital in that city till April, 1863, when he was discharged from the service. His botanical studies began July, 1863, and the study of medicine in 1864. He took the regular junior course in Medical Department at U. of M., Ann Arbor, Mich., 1866-67. He was appointed instructor in botany at M. A. C. in the fall of 1889, and graduated with 1891.

The cow on the fourth page of the M. A. C. RECORD looks as if she ought to be milked.—*Grass Lake News.*

Guy Stewart, '95, started off to his school seven miles away one morning last week with a light heart on top of his new bicycle.—*Otsego County Herald.*

AT THE COLLEGE.

Subscriptions at the College for the cyclone sufferers amount to \$67.50.

J. W. and M. A. Sooy were guests of C. E. Hoyt several days last week.

A number from the College attended the concert given by Ernest Gamble in Lansing last Tuesday evening.

Rev. Charles H. Seaver, Bronson, Mich., one of Michigan's pioneers and an old friend of C. F. Wheeler, visited M. A. C. last week.

President Snyder and Dr. Edwards were at Field Day during the whole three days. Profs. Woodworth, Vedder, and Hedrick were there part of the time.

C. A. Jewell, '96, who has recently been appointed principal of the Addison schools at a salary of \$600 per year, is a teacher with an experience of fourteen terms.

Instructor Fulton has measured the grades of several roads on the College farm preparatory to making dynamometer tests for measuring the draft of farm wagons.

Misses Fay and Lilian Wheeler, Clara Steele, Loa Renner, Ruth Shank, and Mina Fuller, chaperoned by Mesdames Woodworth, Kedzie and Butterfield, attended Field Day.

Cards have been received at the College announcing the marriage at Hartford, Mich., of Miss Carrie Mantle to Mark P. Thompson, with '96 m. Mr. and Mrs. Thompson will live in Grand Rapids.

By agreement between the State Board, faculty and students, *The Speculum* is merged into THE M. A. C. RECORD. Unexpired subscriptions to the former journal will be placed on the RECORD list.

An excellent view of the University of Notre Dame forms a part of an invitation to attend the commencement exercises on June 18, at which time the Hon. Judge Thomas A. Moran, of Chicago, gives the leading address.

Hon. L. D. Watkins, of Manchester, Mich., paid the College a visit on Tuesday last. He reports that his son, L. Whitney Watkins, '93, is doing nicely in managing the farm; also that he is much interested in the study of birds.

Wanted, at M. A. C., hours enough in the day for so arranging the program of studies and work that no two classes shall come at the same hour, thus making it possible for specials and delinquents to select any subjects they may desire.

Agricultural seniors are supposed to absorb principles of economics every day at 4. But if, as happened one day last week, the professor of literature becomes absent-minded and treats them to a lecture on Milton, they take it kindly, for they know a good thing when they hear it.

Russian thistles, did we hear you say? Yes, we have a small patch right here at the College in the weed garden back of a nice label where we do not expect them to get away from us. They are innocent looking annuals. Last year we failed to find them growing where seed was planted on rather hard soil.

To see the quantity of matter sent out from the postoffice of this College would astonish many people. The journals, letters and other documents received are also numerous. Including the reports and bulletins franked by the government to and from the College, the business ranks, in this county, next to the city of Lansing.

Post-graduate W. L. Cummings spent the field day recess in finding the distance from the Chemical Laboratory to the office of the Weather Bureau in Lansing by triangulation. Co-operating with Mr. Schneider, he is investigating the problem of cloud elevation. The line measured is to serve as a base, from which, aided by electrical connection and simultaneous transit observations at the stations named, will be computed the heights of clouds above the earth.

The Grange and the Agricultural department of this College are working for one and the same thing, the education and better condition of the farmer and his family. The next meeting of Ingham County Pomona Grange is held with Felts Grange, June 12 and 13. The leading thought in the program is the relation of the school to the farmer. As is usual on meetings of Pomona or State Granges, our graduates or students are represented on the program. This time there are four such, K. L. Butterfield, E. A. Holden, Clarence Holmes and A. Knechtel.

Quite a number of improvements have been made

in the Physical Laboratory lately. A new hydraulic table has been erected in the lecture room, which can be lowered to the level of the floor, entirely out of the way, at the will of the lecturer. In the center of this is water connection for the attachment of a water motor. In reach of the lecturer as he stands at the table are steam, water, gas, compressed air, and vacuum attachments, with pressure gauges for each. In the middle of the room and connected with the storage battery is an electric fan, which creates a delightful breeze. The new plating apparatus was tried on Wednesday for the first time, and worked successfully.

The report of the Botanical Department of the College has been printed in a neat pamphlet taken from the report of the Michigan Board of Agriculture. The additions to the herbarium during the year closing June 30, 1895, were 8,812 plants, making a total of 54,200, now neatly mounted and placed in convenient cases. The report contains a list with common and scientific names of 1,335 species of hardy plants found in a portion of the Botanic garden devoted to these plants. Accompanying the report is a map of the three acres and more of land on which the plants can be found. One acre is given up to one hundred kinds of weeds in plots and about one hundred and fifty kinds of grasses and other forage plants. This map is ruled in squares, opposite which are letters and numbers as given with each species in the list, making the report an excellent guide to place in the hands of any person interested in the subject. This garden was begun in 1877, and has been enlarged from time to time. It is an attractive feature of the College, not only for visitors, but for students of botany, agriculture and horticulture.

FIELD DAY.

Field Day, with all its excitement, is over, and we have to our credit three gold medals and four silver medals, the smallest number ever taken by M. A. C. We have but one consolation, and that is that we are not last in the race for athletic glory. Our friends, the Normals, went home without a medal, their nearest approach to a victory being third in the hammer throw.

At 10 o'clock Thursday morning the train on the L. S. & M. S. R. R. pulled out of Lansing with seventy-seven M. A. C. adherents on board, who immediately began to make things lively by trying newly invented yells, most of which did not live to be heard on the return trip. As usual M. A. C. had a little surprise in store for the other Colleges—green umbrellas this time, with M. A. C. on them in large white letters. One of the umbrellas was fully 10 feet in diameter, large enough so that the whole base ball team camped under it during games. At Albion a few students from other Colleges were on hand, and many more came during the afternoon and evening. Olivet and Hillsdale sent large delegations of Co-eds and M. A. C. a few, who made up in enthusiasm what they lacked in numbers.

THURSDAY AFTERNOON.

The 100-yards dash was as pretty a race as ever was seen in the M. I. A. A. Ewing, of Olivet, won by two or three inches, while several others were so close that it was almost impossible to tell who was second.

In the mile walk W. North, of Olivet, won from Boys, of Albion, by a few feet, after a strong spurt in the last quarter.

The five-mile bicycle race was an exciting event. Peck, of Albion, was an easy winner, but he did it by a strong spurt on the last 120 yards.

The result of the base ball game between Albion and Olivet was a surprise to everyone. Before Field Day Albion had played ten games with the Colleges of the Association, and had lost but one. Olivet had her first game yet to win, and she did it fairly and honestly on Thursday afternoon. Hinkley's work in the box and Olivet's almost perfect support held Albion down to a single earned run, while four costly errors for Albion gave Olivet four unearned runs. This was the second game Olivet had ever won from Albion. Score:

Innings	1	2	3	4	5	6	7	8	9	R	H	E
Olivet	0	1	0	0	0	0	2	1	0	4	4	1
Albion	0	0	0	1	0	0	0	0	0	1	8	4

Earned runs, Albion 1; two-base hits, Albion, Narin, Jacobs, Olivet, Mackey; passed balls, Jacobs 2, Moore 1; wild pitches, Howe 1; bases on balls, off Howe 4, off Hinkley 5; struck out, by Howe 3, by Hinkley 8. Batteries Hinkley and Moore, Howe and Jacobs.

FRIDAY MORNING.

On the College Campus Hillsdale won in tennis,

both singles and doubles, from Kalamazoo, and Albion did likewise with Olivet.

The other events took place at the fair grounds. The features of the morning were two broken records. In the pole vault five cleared at 9 feet, viz, Whitney and French, Hillsdale; Eastman, M. A. C.; Ewing, Olivet, and Gilbert, Kalamazoo. When 9 ft. 6 in. was reached only Ewing and French remained. After five failures each, Ewing cleared, leaving French second.

Another record breaker was the ¼-mile run. There were thirteen starters, and they came down the stretch nicely bunched, Stroebe, of Kalamazoo, leading by a few feet, with Griffith, of Hillsdale, second, and Boonstra, of Albion, third. But about fifteen paces from the tape Partridge came strongly to the front and crossed the line but a few inches behind Stroebe, who made the quarter in 52 1-5 seconds.

The other events of the morning were the running broad jump, putting 16-pound shot, and 1-mile bicycle race, the records and winners of which are given in the table below.

Then came the base ball game between M. A. C. and Ypsilanti. With seven new men on her team M. A. C. had not been putting up a good game this season. Her record included but two games won out of eleven, but in the game Friday morning she put up a plucky fight. Osborn pitched the first inning but was easy for the Normals. After that Warren pitched and did well.

Randall started to pitch for the Normals, but after M. A. C. had touched him up for four hits with a total of six runs in the fourth inning, he became alarmed, and Fisher took his place. "Everyone expected a succession of strike-outs for M. A. C., but the great 'phenom' of the year only struck out three." *Albion College Pleiad*.

With the score 9 to 9 Fisher, with a confident smile, came into the box in the fifth and three weak hits ended it. Ypsi. scored two in her half. In the sixth, both sides scored zeros. The smile was not so apparent when a base on balls, a pretty steal of second, and an error at third scored Osborn in the seventh. It had entirely disappeared and a look akin to anxiety succeeded when a couple of hits and as many errors tied the score and filled the bases in the ninth, with only one out. A hit was all that was needed to win, but M. A. C. was not equal to the emergency. In the tenth M. A. C. went out in one, two, three order, and, with one out Ypsi. scored the winning run. Following is the score:

NORMAL.	A	B.	R.	B.	H.	P.	O.	A.	E.
Harmon, s. s.,	5	2	2	2	2	2	3		
Elsworth, 3 b.,	6	1	3	2	1	2			
Curtiss, c.,	6	2	2	6	0	0			
Harrison, c. f.,	3	1	0	3	0	0			
Fisher, l. f., p.,	5	1	2	1	3	1			
Failor, 2 b.,	5	0	1	8	3	1			
Cutler, l. b., l. f.,	4	2	1	7	2	3			
La Bounty, r. f.,	4	1	1	1	0	0			
Randall, p., l. b.,	5	2	1	0	0	0			
Totals,	43	12	13	30	11	10			

M. A. C.

Clark, c. f.,	6	2	3	4	0	1			
Crosby, 2 b.,	5	1	2	4	3	3			
Krentel, A. C., c.,	6	1	0	1	1	0			
Kling, s. s.,	4	1	0	3	4	3			
Gould, l. f.,	4	2	1	2	0	0			
Warren, p.,	6	1	2	0	4	0			
Krentel, A. B., l. b.,	5	1	2	10	0	2			
Adams, 3 b.,	5	1	0	1	0	0			
Osborn, r. f.,	3	1	0	3	0	1			
Totals,	44	11	10	28*	12	10			

* One out when winning run was made.

Normal	3	0	6	0	2	0	0	0	0	1	—12
M. A. C.	0	1	2	6	0	0	1	0	1	0	—11

Earned runs, Normal, 8, M. A. C., 5; two base hits, Harmon, Elsworth; double plays, Kling to Krentel, A. B., Kling to Crosby, Failor, unassisted; bases on balls, off Osborn 1, Warren 2, Randall 7, Fisher 1; struck out by Randall 2, Fisher 3.

Curtiss, the Normal catcher, had only been in school five weeks and was disqualified by the Board of Directors, and the game was played under protest. At a meeting of the Board on Saturday morning, the protest was admitted and the game given to M. A. C. This brought M. A. C. and Olivet together on Saturday morning, but the M. A. C. boys, not expecting to play, had been out to the indoor sports and were in no condition to play. The game was a farce, and after Olivet had piled up nineteen scores to one for M. A. C., in five innings, M. A. C. forfeited.

FRIDAY AFTERNOON.

Ypsilanti forfeited the tennis, singles and doubles to

M. A. C. The ladies of Hillsdale College defeated the ladies of Kalamazoo College at tennis, in both singles and doubles.

The only event at the fair grounds in which M. A. C. won, was the 220 yards hurdle race, in which Laitner won in 29 seconds; Cole, Albion, second. The M. I. A. A. record for the half-mile run was broken by Gilbert, of Kalamazoo, who touched the tape in 2 min. 6½ sec. Last year's running hop, step and jump record was also broken, Hayne, of Kalamazoo, making 43 ft. ½ in. In the 220 yards dash Kalamazoo took first and second, time, 24½ seconds.

The game of ball between Hillsdale and Kalamazoo was a hard fought pitchers' battle. Not a run was made except in the first, when five singles and an error netted four runs for Hillsdale. Kalamazoo got two hits, one a two base hit, two errors, one double play, and gave two bases on balls. Hillsdale got four scores, eight hits, four errors, one passed ball, and gave one base on balls. That is the whole story. Batteries: Hillsdale, Storms and Brokaw; Kalamazoo, Johnson and Waterbury.

FRIDAY EVENING.

A large crowd attended the indoor meet at the opera house, and the sports were good. Several of the wrestling contests were decided without a fall. Dibble of M. A. C., was clearly master of the situation in featherweight, and Tucker of Hillsdale had no use for "Babe" Becker, so forfeited to him. The finals in welterweight were between Redfern, M. A. C., and Tucker, Hillsdale, Redfern wrestled one hard draw and then forfeited to Tucker. Whitney of Hillsdale gave a fine exhibition on the horizontal bar and Howe of Albion brought down the house with his club swinging.

SATURDAY MORNING.

In the tennis doubles Hillsdale won from M. A. C., and lost to Albion. This gave Albion first and Hillsdale second. In singles Mumford M. A. C., won from Hillsdale and then forfeited first to Maywood of Albion. The Hillsdale ladies won both singles and doubles from Albion. The other events of the morning were the one mile run, won by Gilbert, Kalamazoo, in 5 minutes and 6 seconds; throwing hammer, won by Flagg, Olivet, 89 feet; one-fourth mile bicycle, won by Peck, Albion—three firsts for Peck; running high jump, won by Whitney, Hillsdale, 5 ft. 4 in., with Hayne, Kalamazoo, a close second; and base ball between Olivet and M. A. C., of which enough has already been said.

In the afternoon an enormous crowd assembled to see the relay race and the final ball game. About fifty Albion and Ypsilanti students marched on the grounds carrying M. A. C., umbrellas which they had got from the proprietor of the Albion House and painted black around the border. They made a rush for the big green umbrella but the few M. A. C. boys present armed themselves with vaulting poles, tent stakes, and canes, and defended their property against all comers until the arrival of more "farmers," when the "preachers" and "teachers" drew off. We are told that the umbrellas got from the Albion House did not belong to the M. A. C. boys, but to Mr. Davis of Lansing, and by the time the proprietor has paid \$25 for them he will wonder where his profits from Field Day have gone to.

The relay race was very exciting. Albion had held the cup two years and only needed this race to make it her property. Hillsdale and Kalamazoo put in opposing teams, but the former dropped out in the first quarter. At the end of the first quarter Kalamazoo led by about ten feet, but in the second Albion got a lead of a rod; then Stroebe of Kalamazoo made a pretty run, regaining what had been lost and sending Gilbert off for the last quarter with a lead of twenty yards. Albion could not recover and the cup went to Kalamazoo. Time for the mile, three minutes, thirty-nine seconds. This is Kalamazoo's first year in the association, and she has made an enviable record in the number of medals taken and in gentlemanly conduct.

The game of ball between Olivet and Hillsdale was the last event of one of the most successful field days ever held by the M. I. A. A., and it was a fitting close. The game was almost errorless and was not won until the last man was out in the ninth. Score:

Innings	1	2	3	4	5	6	7	8	9	R.	H.	E.
Olivet	0	0	0	0	2	0	2	2	0	6	5	1
Hillsdale	0	0	0	0	4	0	3	0	*	7	6	2

Batteries—Olivet, Hinkley and Moore; Hillsdale, Storms and Brokaw. Umpire, Fitzgibbons.

All through Field Day the weather was perfect, and large crowds attended each session. It is thought that the gate receipts will pay all expenses and leave quite a dividend for the various colleges.

FIELD DAY RECORDS.

100 yard dash—First, Ewing, Olivet; second, Tredway, Kalamazoo. Time, 10½ sec.

220 yard dash—First, Stroebe, Kalamazoo; second, Tredway, Kalamazoo. Time, 24½ sec.

1-4 mile run—First, Stroebe, Kalamazoo; second, Partridge, M. A. C. Time, 52½ sec.

1-2 mile run—First, Gilbert, Kalamazoo; second, Faust, Hillsdale. Time, 2 min. 6½ sec.

1 mile run—First, Gilbert, Kalamazoo; second, Faust, Hillsdale. Time, 5 min. 6 sec.

1-4 mile bicycle—First, Peck, Albion; second, Woodworth, Albion. Time, 36 sec.

1 mile bicycle—First, Peck, Albion; second, Tucker, Hillsdale. Time, 2 min. 29 sec.

5 mile bicycle—First, Peck, Albion; second, Bailey, Hillsdale. Time, 14 min. 18 sec.

Standing broad jump—First, Flagg, Olivet; second, Dunster, Albion. 9 ft. 9½ in.

Running broad jump—First, Cole, Albion; second, Ewing, Olivet. 20 ft. 7 in.

Putting shot—First, Jacobs, Albion; second, Flagg, Olivet. 34 ft. 7½ in.

Throwing hammer—First, Flagg, Olivet; second, Manus, Hillsdale. 89 ft.

Pole vaulting—First, Ewing, Olivet; second, French, Hillsdale. 9 ft. 6 in.

120 yard hurdle—First, Cole, Albion; second, Hayne, Kalamazoo. Time, 18½ sec.

220 yard hurdle—First, Laitner, M. A. C.; second, Cole, Albion. Time, 29 sec.

Running hop, step and jump—First, Hayne, Kalamazoo; second, Snyder, Hillsdale. 43 ft. ½ in.

Running high jump—First, Whitney, Hillsdale; second, Hayne, Kalamazoo. 5 ft. 4 in.

1 mile walk—First, North, Olivet; second, Boys, Albion. Time, 7 min. 45 sec.

Relay race—First, Hayne, Stroebe, Tredway and Gilbert, Kalamazoo. Time, 3 min. 39½ sec.

Horizontal bar—First, Whitney, Hillsdale; second, White, Albion.

Running high kick—First, Whitney, Hillsdale; second, Hayne, Kalamazoo. 9 ft. 2 in.

Club swinging—First, Howe, Albion; second, Alvord, Olivet.

Featherweight wrestling—First, Dibble, M. A. C.; second, Moody, Hillsdale.

Middleweight wrestling—First, Tucker, Hillsdale; second, Hornbeck, Kalamazoo.

Lightweight wrestling—First, Howe, Albion; second, Laitner, M. A. C.

Welterweight wrestling—First, Tucker, Hillsdale; second, Redfern, M. A. C.

Heavyweight wrestling—First, Becker, M. A. C.; second, Tucker, Hillsdale.

All around—First, Cole, Albion; second, Flagg, Olivet.

Tennis, singles—First, Albion; second, M. A. C.

Tennis, doubles—First, Albion; second, Hillsdale.

Ladies' tennis, singles—First, Hillsdale; second, Albion.

Ladies' tennis, doubles—First, Hillsdale; second, Albion.

Of the medals offered, Albion won 11 firsts, 7 seconds; M. A. C., 3 firsts, 4 seconds; Hillsdale, 8 firsts, 10 seconds; Kalamazoo, 6 firsts, 6 seconds; Olivet, 5 firsts, 4 seconds.

MEETING OF STATE MEDICAL SOCIETY.

Dr. R. C. KEDZIE.

Instead of going to Albion for field day I turned my face towards Mt. Clemens to attend the meeting of the State Medical Society, to renew old ties with the medical profession.

The attendance was large and there was such a plethora of papers on medical subjects that little time was left for discussion, and the most valuable part of such meetings lost in this way. Typhoid fever held an important position in the transactions and was ably discussed. The infectious and contagious diseases command the attention of the profession more and more as time passes on, and justly so, for they are "the grand executioners" of the race.

But pills, potions, and powders did not hold exclusive sway. Dr. Seeley (student in chemistry at M. A. C. in 1879) and his brother made a fine exhibit of the X rays, and a large crowd was delighted to find they could "see into a mill-stone," and discover a silver coin in a very flat pocketbook and the financial problem took on a more hopeful look when one viewed it by the X ray.

The track of the tornado which passed about half a mile southeast of the city, was in evidence to the most casual observer. Houses torn to fragments or turned on the side and left prone, or more still swept from their foundations, gave indications of the power held in "a puff of empty air," when once thoroughly aroused. Some houses were left standing but with the shingles and siding ripped off. The trees, twisted and torn, showed by their position the direction of the wind. It may be that one may still keep his head in the whirl of fashion, but hardly in such a whirl of wind.

I questioned many citizens as to the appearance of the tornado, but the testimony of all I saw was "We saw nothing but sudden darkness, heard the awful roar of the tempest, and in a flash it was gone, leaving ruin and terror in its path."

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The M. A. C. Record.

PUBLISHED WEEKLY BY THE

MICHIGAN AGRICULTURAL COLLEGE

EDITED BY THE FACULTY,

ASSISTED BY THE STUDENTS.

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SUBSCRIPTION, 50 CENTS PER YEAR.

Business Office with DARIUS D. THORP & SON, Printers and Binders,
108-120 Michigan Ave. West, Lansing, Mich.

Entered as second-class matter at Lansing, Mich.

THE charge has been made that this College is too conservative in athletics, that too little freedom is allowed what have come to be called athletic interests. Since it is undoubtedly true that such criticism proceeds largely from those who are uninformed it may be well to supply a brief statement of the situation, the limitations set on participation in athletic contests, the reasons for such regulations and the apparent degree of success which accompanies their observance.

First of all, it should be noted that a legal requirement forms an obstacle to too great athletic activity here. The law requires every student at M. A. C. to labor in the fields or in the shops a number of hours every day, and this at the very time when students of other institutions are playing hardest. However, no amount of muscular exercise viewed as a task can take the place of recreation for its own sake, as supplied by proper pastimes and sports; so that, until some better scheme, as yet unbroached, recommends itself to the officers of the College, athletics will probably continue to provide diversion as well as to form a safety-valve against accumulated or misdirected students' energy.

But the fact of the limited time available is naturally followed by certain regulations. Students of this College have not the time, if they had the inclination, to make a business of athletics. They do not wish to be put to the disadvantage of competition with paid or professional athletes. Hence rules have been made that well-nigh exclude that monster from this institution. For instance, competition in any real athletic contest, is prohibited to all except students in attendance for a considerable length of time who have shown a reasonable grade of proficiency in a full complement of studies. At the same time the faculty reserve the right to provide by special legislation for those not especially brilliant in studies, but who have come here for education and are entitled to a share in the amusements of their fellows.

Instead of indicating conservatism, the present direction of athletics is in some respects a most radical change from earlier years as will be shown by a perusal of the rules published in the RECORD last term. And while some restrictions obtain, it is believed they all tend to greater freedom to those who pursue athletics solely as a pleasurable and healthful diversion. Quite significant is the fact that the students seem well satisfied with requirements that make a simple appearance in any of the contests of an intercollegiate field-day at once a badge of physical soundness and of at least average scholarship.

It is believed that the cooking department will be one of the attractive features of the Women's course about to be inaugurated at this College. A large kitchen with all the modern improvements and conveniences will be fitted up. From fifteen to twenty young ladies will take instruction at the same time. It will be arranged very much on the modern laboratory plan; each student will have her own place for work, supplied with a gas burner and such other appliances and utensils as will be found necessary in preparing food for the table.

The instruction in cooking will extend through the three terms of the Freshman year.

The object of this course is to familiarize the students with the most healthful, attractive, and, at the same time, economical methods of preparing such articles of food as are found on a well appointed table.

Instruction will be given in the preparation, cost, composition, and dietetic value of foods. Special attention will be directed by the aid of carefully prepared charts to the relative value of meats, vegetables, and fruits. The instruction in the first and second terms will include all the fundamental principles of cooking and their application in the individual preparation of simple dishes, also the care of a kitchen and its appointments.

The instruction during the third term will elaborate the principles previously stated; it will include the preparation of more complicated dishes, and the serving of luncheons and dinners. Special attention will be given to table service and to the care of the dining room.

The course of study and the work, very briefly stated, will be as follows, with perhaps a few changes as the work progresses:

First Term:

Making and care of fire, care of kitchen and appointments, dish washing, measuring, the principles of boiling, steaming, stewing, baking, and broiling, the cooking of vegetables, eggs, cheese, soups, meats, biscuit, puddings and sauces.

Second Term:

Batters (muffins, etc.), doughs (doughnuts, bread, pastry, cake), desserts, puddings, sauces, frying (fish, etc.), roasting of meats and fowls.

Third Term:

Salads, Mayonnaise and French dressings, croquettes, entrees and sauces, game, desserts, frozen creams, ices, sherbets, etc., fancy cakes, souffles, serving luncheons and dinners.

Lectures will be delivered throughout the course by the instructor in cooking. A course of twelve lectures will also be given on "The Chemistry of Foods," by Prof. Kedzie, of the Department of Chemistry.

Two lessons each week will be given in this subject and will be from two and one-half to three hours in length.

CORRECTION.

By a mistake on the part of the printers, the first paragraph of the article on Ball Bearings, in last week's issue of the RECORD, was badly mixed up. The paragraph was meant to read as follows:

A correspondent of the American Machinist, discussing a ball bearing of the form shown in Fig. 1 in the issue of Oct. 17, 1895, stated, in substance, that the motion of the ball in its bearing was controlled by that point where the greatest pressure was exerted, at C, and that, therefore, slipping would occur at point E.

SUGGESTIONS TO THOSE VISITING THE COLLEGE FARM.

BY PROFESSOR C. D. SMITH.

June is the month between the rawness of spring and the heat of summer, when nature is at her best. It is the month in which the friends of the College are especially invited to visit the farm. Permit me, therefore, to call attention to a few interesting features that might not otherwise be noted:

Going east on the first drive, south of the grain barn, observe first the rows of rye at the right. This rye was sown in the spring of '95, failed to make a crop last fall, has lived over the winter and will mature its seed this fall. Note the wonderful vigor of the *Lathyrus silvestris* farther east on the same side of the road. At the left, note the luxuriance of the clover and the alfalfa. The former varies as to maturity because grown from seed from different sources. The seed was all represented to be June clover, except four rows at the east, which were bought for Mammoth. Note the rust on the leaves of the rye.

Going south on the east end of the plot, turn west on the next drive, along the south side of the field of *Lathyrus*. On the left notice first the sacaline, *Polygonum sachalinense*, the much vaunted forage plant, with its large woody stalks and coarse leaves. Note the other curiosities on the strip to the left, ending with the prickly comfrey at the extreme west end of the plot.

Turning to the left and going down the lane the two cows in the small field at the right are Houwtje D., and Belle Sarcastic. Going through the gate toward the river note at the left the tall, peculiar looking grass. This is the taller fesque, *Festuca elatior*, var. *arundinacea*.

Turn through the first gate on the south side of the river at the left and drive through the woods east of the first field, coming back by way of the south side of the woods and of the first field, No. 7. In the field opposite, on the west side of the lane and next the river are wheats grown from seed imported from Australia, Austria, Germany and France. Note the rather sickly looking oats just heading out near the lane fence. These are "winter oats," sown last fall. Farther back in the field and on either side of the driveway are the peas and oats sown in different ways, and finally the corn.

Farther down the main lane, on the east, are the

standard varieties of wheat. The names on the stakes apply to the varieties south as indicated by the arrow. Note on the west side of the lane the plots of forage plants which are, beginning at the north, crimson clover, rape, oats, and vetches. Stowell's evergreen sweet corn, sorghum, kafir corn, and silage corn. Farther west in the same field are the varieties of oats.

In the field on the west side of the lane nearest the railroad is the Golden Chaff wheat, imported from Canada.

THE MICHIGAN FARMER CALLS ON M. A. C.

The more widely the College is known in the State, the greater the number of its friends. No one can visit the College and see the magnitude of its equipment and the earnestness and enthusiasm of its teachers and students without carrying away with him a respect for the institution as it is and a confidence in its future.

The great disseminator of information of modern times is the press. It is a matter of congratulation, therefore, when the College receives a visit from the genial proprietor and the brilliant and competent editors of the *Michigan Farmer*, the old and popular agricultural paper of the state. Messrs. Lawrence, Gibbons and Brown came to Lansing on the evening of the 2d, and visited the College on the 3d. Sec. Butterfield drove them about the College farm in the morning where the various farm crops and plot experiments were carefully inspected. An examination of the famous animals constituting the College herd followed. The visitors then attended an exercise in botany, another in entomology, a third in veterinary medicine, and a fourth in agricultural chemistry, inspecting the various buildings on the way. In Dr. Grange's laboratory the party was shown the germs of diphtheria, tuberculosis and other contagious and infectious diseases. At the botanical laboratory they had a chance to see the sophomores of the agricultural department together. Each of the three editors consented to make short, appropriate remarks to encourage the young farmers. The remarks were well received.

After dinner at the "Bachelors' club, a few moments were spent in the botanic garden, the chemical laboratory, the machine shops and the dairy rooms, the principal feature of the afternoon being a visit to the horticultural grounds. Here the fully ripened strawberries were tested and the best two hundred varieties determined.

Mr. Lawrence and Mr. Gibbons were compelled to leave on the 3:16 train. They took a reluctant leave of the College therefore in the early afternoon. Mr. Brown remained until the following morning.

We hope that this visit is but the precursor of longer and more frequent ones to follow, and that the relations between the *Michigan Farmer* and the College may grow more and more cordial and mutually helpful on account of these welcome visits. Come again.

THE INTERCOLLEGIATE Y. M. C. A. MOVEMENT.

To the true student the summer weeks following the close of a college year do not present themselves as a favorable time for idleness, but rather for a healthful change which will secure to him not only needed rest, but physical, mental and moral stimulus. The summer schools in connection with universities and with various educational and religious movements afford excellent opportunities for spending at least a portion of the summer in a very profitable manner.

The fraternity of Christian College students, known as the Intercollegiate Movement, which is now world-wide in its extent, initiated the system of students' summer conferences which have become so indispensable to the Christian work in the colleges on this continent and have extended their influence to the student fields of Europe and Asia. "Northfield" is a familiar and popular word among the students of the east. For the eleventh successive season Mr. D. L. Moody has invited them to meet near his home in the beautiful Connecticut valley for nine days of conference, bible study and recreation, and indications point to the usual representation of between four and five hundred students from the universities, colleges and schools of the United States and Canada. As an outgrowth of this gathering similar conferences for practical training in methods of Christian work in colleges have been successfully carried on for several years at Lake Geneva, Wis., for students of the west, and at

Knoxville, Tenn., for students of the south. In response to a strong demand on the part of students in the distant region of the Rocky Mountains and Pacific Coast a fourth conference was this year established at Cazadero, Cal., in the celebrated red wood country.

For several years it has been customary to send one or more representatives from M. A. C. to the Lake Geneva conference. This year Messrs. Fulton, McLouth and Hunt have been elected to attend this conference, which occurs June 19-28.

PROF. SNYDER A GUEST.

"The Unity Club of All Souls' church held its regular bi-weekly meeting in the lecture room of the church last week. The meeting was especially interesting on account of the presence of Prof. J. L. Snyder, president of the Lansing Agricultural College, who is visiting C. W. Garfield, of Burton avenue. The club's subject last night was 'Purposeful Education,' and Prof. Snyder made the initial talk."—*Grand Rapids Democrat*.

OLD BUCKSKIN.

In the Museum is the mounted skin of Old Buckskin, the horse which the late Lieut. L. B. Baker rode through the varied scenes of the war. He was ridden by the Lieutenant on many memorable occasions, among them the pursuit and capture of J. Wilkes Booth.

The old war horse was often seen on the streets of Lansing from 1884 to 1888. The specimen is accompanied by saddle and bridle and a photograph of President Lincoln, Booth, the assassin, and Lieut. Baker mounted on the horse referred to above.

STRAWBERRY NOTES AT M. A. C.

It is the aim of the Experiment Station to test all the newer varieties of strawberries that can be obtained from plant growers or from individuals who have a sort they think of special merit. There are now growing on the College grounds nearly two hundred varieties of strawberries. The greater number of these sorts were sent free of charge by the introducers for a test and report of their merits; others were purchased. In most cases, twenty-five plants are set in a space of forty feet and all are given as good and equal attention as possible. Careful notes are taken of the appearance of the plant and habit of growth; the productiveness; the size, color, quality and firmness of the berry, and the general value of the variety as a home or market berry. If a sort does not show more than ordinary qualities after a trial of two or three seasons, it is discarded from the list. The more promising sorts are given much more space and are tested until their place is determined for our soil and locality.

Of the several hundred sorts tried during the past six or seven years, but few have shown qualities superior to the older and better known sorts.

The season of 1895 was an extremely dry one, and the plants had a hard struggle to fill out the rows and develop properly for a good crop of fruit this season. The past spring was a very favorable one for the plants, and did much towards remedying last season's poor growth.

Strawberries were from ten days to two weeks earlier in ripening this season than for several years past.

At this date (June 5) most of the sorts are at their best. A seedling of Michel's Early, was the first variety to ripen. It had ripe fruits May 19, but like nearly all the very early sorts, gave but two or three pickings and the crop was gone.

Among the newer sorts now making an excellent showing may be named: Bird, Clyde, Dan Bisel, Epping, Leroy, Richmond, Tonga, Thompson's seedlings Nos. 34 and 66 and Weston. Brandy Wine and Marshall promise a large crop, but are late.

Bubach, Crescent, Haverland, Warfield and Parker Earle are bearing a full crop of well developed berries. A full report of all varieties will be published in bulletin form later.

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 R. L. Taylor, Lapeer,.....In charge of Apiary.

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 Y. M. C. A.—Holds regular meetings every Thursday
 evening at 6:30 and Sunday evenings at 7:30. S. H.
 Fulton, President. C. W. Loomis, Cor. Secretary.
Natural History Society—Regular meeting second
 Friday evening of each month in the chapel at 7:30.
 L. R. Love, President. J. W. Rigterink, Secretary.
Botanical Club—Meets first and third Friday of each
 month in Botanical Laboratory at 7:30. C. F. Wheeler
 President. B. Barlow, Secretary.
Dante Club—Meets every Wednesday evening at 7:30
 in Prof. W. O. Hedrick's office, College Hall. Prof. A.
 B. Noble, President.
Students' Organization—S. H. Fulton, Vice-Presi-
 dent. H. L. Becker, Secretary.
Columbian Literary Society—Regular meeting every
 Saturday evening in their rooms in the middle ward of
 Wells Hall, at 7:30. F. N. Jaques, President. T. C.
 Chittenden, Secretary.
Delta Tau Delta Fraternity—Meets Friday evenings
 in the chapter rooms on fourth floor of Williams Hall,
 at 7:30. A. C. Krentel, President. J. M. Barnay,
 Secretary.
Eclectic Society—Meets on fourth floor of Williams
 Hall every Saturday at 7:30 P. M. W. R. Vanderhoof,
 President. W. Newman, Secretary.
Feronian Society—Meets every Friday afternoon at
 2:30 in U. L. S. Hall. Miss Bertha Baker, President.
 Miss Helen Vaughn, Secretary.
Hesperian Society—Meetings held every Saturday
 evening in the society rooms in the west ward of Wells
 Hall at 7:30. W. T. Barnum, President. D. J. Hale,
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Olympic Society—Meets on fourth floor of Williams
 Hall every Saturday evening at 7:30. C. A. Jewell,
 President. F. J. Kling, Secretary.
Phi Delta Theta Fraternity—Meets on Friday even-
 ing in chapter rooms in Wells Hall, at 7:30. C. K.
 Chapin, President. J. W. Michen, Secretary.
Union Literary Society—Meetings held in their Hall
 every Saturday evening at 7:30. J. T. Berry, President.
 F. V. Warren, Secretary.

MICHIGAN ACADEMY OF SCIENCE.

The second annual field meeting of the Michigan
 Academy of Science will be held at this College on
 Friday and Saturday, June 12 and 13, 1896. The
 meeting will begin at noon on Friday, and continue
 through Saturday in the hope that this will enable
 more members to participate than if it were limited to
 a single day.

Prof. Walter B. Barrows is secretary of the society.
 Dr. W. J. Beal, Dr. H. B. Baker, Prof. C. D. Smith
 constitute the committee of arrangements.

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NEWS FROM GRADUATES AND STUDENTS.

Maurice Carney, with '95 m, was in Albion during field day.

G. E. Simmons, '94 m, visited friends and classmates at M. A. C. last week.

G. J. (Dusty) Rhodes, with '98 m, blows a bass drum in the Albion College band.

G. W. Davis, '92, was one of the enthusiastic "rooters" for M. A. C. at field day.

L. H. Dewey, '88, and family, of Washington, D. C., are now in Tecumseh, Mich.

H. E. Harrison, '88, chemist for the Arm and Hammer Soda Co., Trenton, Mich., made us a flying visit last week.

Roy C. Bristol, '93, rendered a very fine selection on the violin at the Ernest Gamble concert in Lansing last Tuesday evening.

Mrs. G. H. Hicks and son will spend the summer at Whitmore Lake, Washtenaw county, Mich., leaving Washington next week.

Editors RECORD: The Washington alumni to a man think the RECORD is one of the best moves in the line of progress the College has yet made.—G. H. Hicks, '92.

H. B. Baker, '92, "U. of M. Medic," with a party of friends, including Dr. and Mrs. Baker of Lansing, Mrs. Vaughan and niece of Ann Arbor, and others, was at the College Sunday.

L. B. Plummer, '94 m, is teaching at Burnip's Corners, Mich. He has been engaged for another year with an increase of salary. Supt. Pattengill will address his graduating class June 12.

Frank J. Annis, '75, is an attorney at law in Ft. Collins, Col., and Secretary of the State Board of Agriculture. He subscribes for the RECORD and says: "Through it, I am once more placed in touch with my alma mater."

From Oscar Clute, '62, President of Florida Agricultural College, we have received one of the finest commencement announcements we have seen in many a day. The first page contains a cut of the main building, then comes the program of exercises, and on the last page the names in autograph of faculty and graduating class. We notice that one of the literary societies of the institution is named "Clutonian," in honor of the President.

L. J. Briggs, '93, M. S. at U. of M., and for the past year working for a doctor's degree in physics and chemistry at Johns Hopkins University, was appointed, June 1, to the position of physicist in the Division of Soils, Department of Agriculture, at \$1,400 a year, under Prof. Milton Whitney, chief. This is a position requiring ability of the very highest order, and was given to Mr. Briggs only after careful selection and consideration. Johns Hopkins' men say it is the best position given to any of their people this year. Briggs will be pleased to hear from his college friends at 2221 Fifteenth street N. W.

J. W. Toumey, '89, for a time instructor in botany here and for the past four years professor of botany in the university at Tucson, Arizona, has from time to time done some excellent work on the flora of the territory in which he lives. This is especially true of the cacti which abound in that region. He has gathered quantities of these and is growing them in a garden. Accompanied by others, he has been on several explorations. In volume eight, page 93, of his *Silva of North America*, Professor C. S. Sargent has illustrated *Quercus Toumey*; n. sp., in honor of Professor Toumey's services. For the benefit of some of our readers who shudder at the mention of a technical name, we will say the name means *Toumey's oak*.

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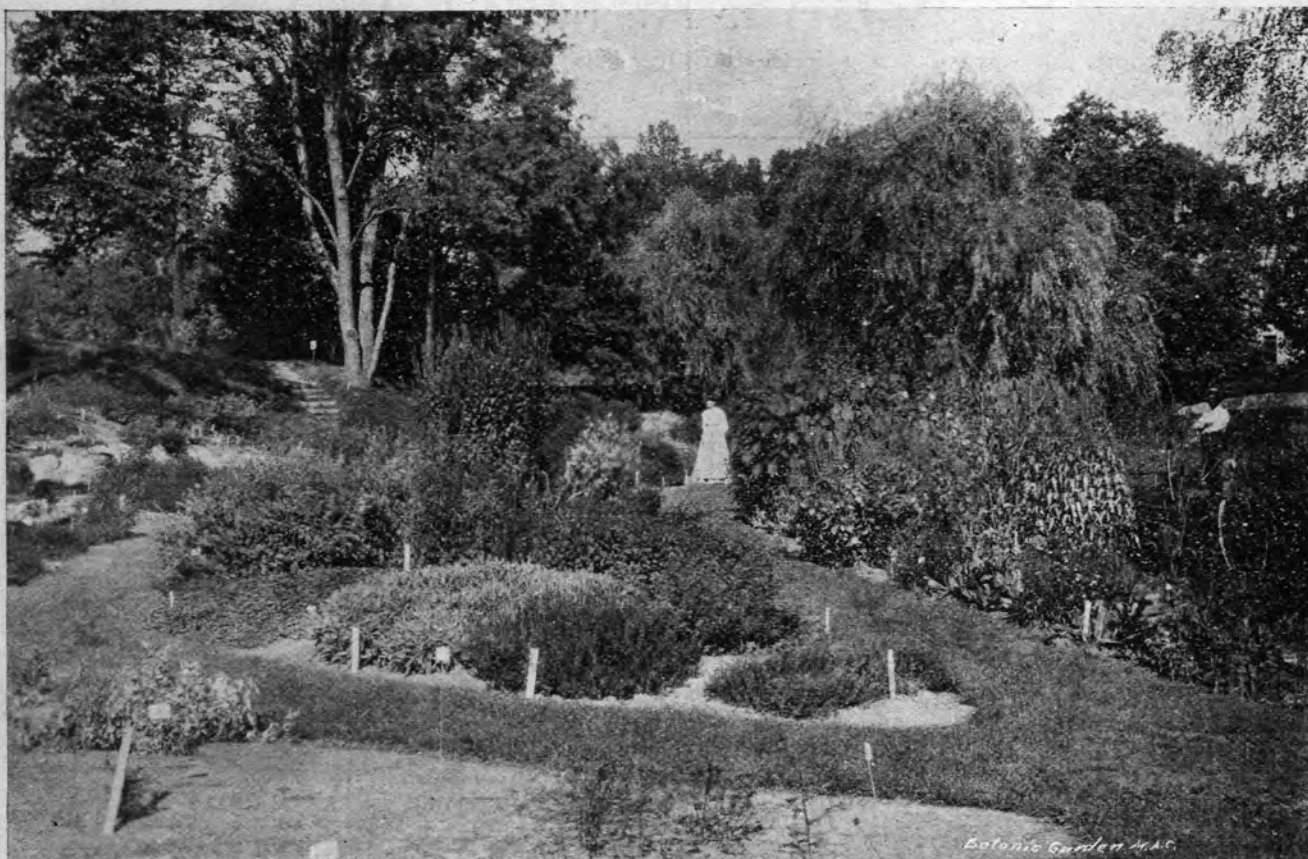
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