

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 8.

LANSING, MICHIGAN, TUESDAY, MARCH 10, 1903.

No. 25

NOTICE.

FOUND—A child's ring. Call at the Farm Department office.

LOST—Last Saturday an Alpha Zeta fraternity pin. The A is set with eight opals and two rubies. On the back are the initials G. C. S. Finder please leave with Librarian.

A Military Hop will be held in the College armory, Friday evening, March 13th, beginning at 7:30 p. m. A general admission fee of 75 cents per couple will be charged to uniformed students, while non-uniformed students and visitors will be charged \$1.50 per couple.

HILLSDALE SCORE EQUALLED.

Ypsilanti played a return game with M. A. C. in the armory Saturday afternoon, the final score being M. A. C. 49; Ypsilanti 5. For the first five minutes the contest was very exciting as neither side was able to make a score. M. A. C., before the close of the half, made, however, a total of 27 points and 22 more were added in the last half. Just as time was being called for the intermission Schaefer threw a basket which was not allowed.

In the last half M. A. C. continued the pace but Ypsilanti, playing pluckily throughout, managed to get two baskets and a foul within three minutes of the close of the game.

The game was free from any suggestion of roughness or unfair play, and only three trials for baskets from fouls were allowed during the entire game, although the ball was frequently thrown up between opposing players on account of holding by both sides. Balbach played a game all by himself, making enough points to win an ordinary contest. He also made the best play of the game, sending an accurate back hand pass to Haftenkamp almost the entire length of the floor.

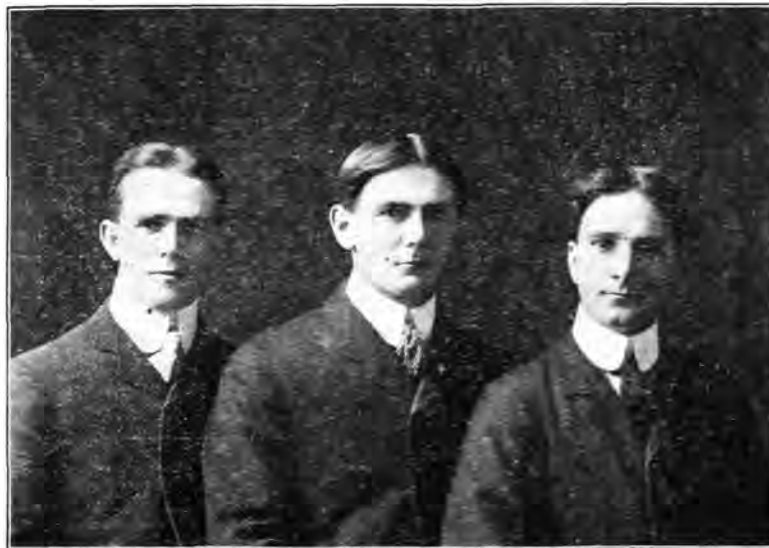
The line up:

M. A. C.		YPSILANTI.
Haftenkamp	Forwards.	Novac
Schaefer		Morris
Balbach	Center.	Smith
Tower		Salisbury
Tuttle	Guard.	Huston

Time of halves, 20 minutes. Officials, Millar, referee; Teetzel and Jordan, umpires. Baskets from floor—Balbach, 10; Haftenkamp, 6; Schaefer, 4; Tuttle, 2; Tower, 2; Morris, 2. Baskets from fouls—Balbach, 1; Smith, 1. Score—M. A. C., 49; Ypsilanti, 5.

LECTURE COURSE.

In past years our lecture courses have been wholly educational and instructive, so to speak, and on these grounds many complained, saying there should be some entertainment mixed in with the serious. This year the board decided to try an experiment, and therefore engaged the services of the "Ritchie's Unique Entertainers," who will give a mixed program of magic, readings and music on Monday evening, March 16.



M. A. C. DEBATING TEAM, 1903.

There is presented this week a half-tone cut of the M. A. C. Debating Team. On the left is Mr. James G. Moore of Shepherd, Mich., a senior in the agricultural course and a member of the Columbian Literary Society and Alpha Zeta Fraternity. In the center is Mr. Arthur J. Anderson of Shelby, Mich., a sophomore in the agricultural course and a member of the Union Literary Society. On the right is Mr. Simon B. Hartman of Athens, Mich., a senior in the agricultural course and a member of the Olympic Society and Alpha Zeta Fraternity. This team will meet in joint debate the team representing the State Normal College the evening of March 13th at Ypsilanti. The question is: "Resolved, That government ownership and operation of railroads is desirable in the United States." M. A. C. will defend the negative side of the question.

This is the first time that anything of this nature has been attempted at M. A. C., and on the success of this venture depends whether or not we will have such a combination on our program next year. This company is well spoken of and promises to be up to the standard of numbers thus far. All those who do not care for lectures, etc., and love first-class entertainment should not fail to avail themselves of this opportunity. The intention is to make this number the *entertainment* of the course.

An admission of 35 cents will be charged for those who have not course tickets.

The following is a specimen program of the company:

PART I.

Overture Miss Blanche Neal
"Mirth born of Mystery"—Thirty minutes with "Ritchie" and his inimitable magic, being a display of exceptional digital dexterity.

1. Handkerchief Productions.
2. Mysterious Candle.
3. The Madame's Mistake.
4. Flags of all Nations—"America."

PART II.

Humorous Impersonations and Reading Miss Blanche Neal
Levitation—Gravitation defied and all laws of nature set aside, in which a human being is suspended in mid-air with no visible or invisible means of support.
Intermission three minutes.

PART III.

Overture Miss Blanche Neal
"Can these things be possible?" Thirty minutes more with "Ritchie."

1. The bowl of fire.
2. Flower propagation.
3. Wine or water, which?
4. The enchanted bell.
5. Oriental illumination.
6. The flight of the canaries.
7. The prolific hat.

PART IV.

1. Musical Absurdities Mr. Frank Hall
2. Shadowgraphy Ritchie

A GOOD WORD.

The *Copper Country Evening News* has a good word to say for a former instructor at M. A. C. Mr. William R. Bradford, the principal of the manual training school at Calumet, presented to John J. Carton, speaker of the house of representatives at Lansing, a beautiful gavel, which bore the following inscription on one side: "Compliments of the Calumet Manual Training School," and on the opposite side, "To Speaker John J. Carton, House of Representatives." The presentation was made through the Hon. W. J. Galbraith.

The newspaper article brings out the fact that Mr. Bradford has 460 pupils under him and four assistants. Some of the main subjects taught are: Drawing, usually mechanical, with some architectural work, machine shop, wood shop, blacksmith shop, with some foundry practice, dovetailing and cornice work as a specialty. The work in the metal shops is largely provided by the Calumet and Hecla company and the wood work is largely preparatory work, consisting of various kinds of joists.

The instruction in surveying and railroad engineering, which must be taken by students of engineering, is now given altogether in the summer, but is required of the students just as much as any of the instruction given in term time.—Harvard University.

ALUMNI.

'82-'84. Mr. A. C. Himebaugh of Burr Oak is one of the members of the Sheffield Manufacturing Company of Burr Oak. This company, which manufactures the American Standard Hand Corn Planter, has erected a large plant because of increased business. The Sheffield Co. sends its goods all over the world.

'86. Mr. C. F. Lawson, formerly connected with the Peninsular Savings Bank of Detroit and more recently connected with the Detroit National Bank has resigned his position and will go into business for himself.

'88. Mr. J. Norris Estabrook plans to avoid the disadvantages of city life by living at the College this summer. Mr. Estabrook is with the Michigan Millers' Insurance Co. and was formerly assistant secretary at the College.

'90. Prof. F. B. Mumford, of the University of Missouri, has in charge the publication of a series of bulletins on agriculture and horticulture for the public schools of the state of Missouri. The first bulletin to appear is entitled "The Principles of Plant Production." It is finely illustrated and to the unsophisticated is not so forbidding in its make-up and in the nature of its contents as are most bulletins.

'93. Mr. C. E. Holmes, superintendent of the School for the Blind, gave an interesting talk last week before the newsboys of Lansing.

'93. Mr. Harry M. Goss has received a scholarship in a correspondence school of journalism and has entered upon a course of study.

'95-'99m. Mr. W. H. Anderson is connected with the Oliver Iron Mining Company and is located at Ishpeming.

'98. Mr. Floyd W. Robison chemist for the experiment station, has an interesting experiment on hand, the results of which will be put in a bulletin later on. The experiment has for its object the determination of the digestive value to cows of beet pulp. The tests required are necessarily very complicated as well as accurate.

'99. Instructor S. F. Edwards will receive the degree of M. S. from M. A. C. at the June commencement.

'01. Mr. H. J. Eustace has attracted much attention by his investigation of the causes of apple rot. *The Country Gentleman* of late issue gives over one whole page to a paper on this subject read by Mr. Eustace before a meeting of the Western New York Horticultural Society.

'02. Miss Mamie Crosby is teaching in the Hart schools.

'02. Warren J. Geib is now in the employ of Swift & Co., Chicago. He is traveling in Iowa for the Stock Food Department.

THE M. A. C. RECORD.

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TUESDAY, MAR. 10, 1903.

SOME of the Y. M. C. A. boys are making an effort to increase the interest in chapel exercises. This is entirely a voluntary effort and certainly a commendable one. It can hurt no one to hear the Bible read a few minutes each morning, no matter what his religious belief may be. It is also a desirable thing for faculty and students to meet in this manner and as a consequence come more into personal touch with each other. The chapel exercises tend also to relieve the strain of work for the day. The lack of sufficient seating room, the residence of some of the faculty in Lansing, and the extraordinarily full daily schedule do not tend to make chapel largely attended but the chapel-going habit, like any other habit, can be formed if there is a desire to do so.

CHAPEL ATTENDANCE.

AN APPEAL FOR A MORE GENERAL ATTENDANCE UPON THE DEVOTIONAL EXERCISES.

The frivolous manner in which many of the students refer to chapel might, from a superficial view, indicate a state of mind respecting religion which is not altogether wholesome. But the student's sober sense on the subject of religion is not to be estimated by his facetious remarks in this direction. The fact is the average college boy must have his jests and witticisms, and for want of sufficient material, chapel has somehow been added to his list. It has become quite natural, therefore, for the student, in passing a classmate whose steps led chapelward, to greet him with vague and airy epithets indicative of a light estimate of chapel services. It may be that this diagnosis does not very accurately fit the case, but after making such apologies for the student as present themselves, it still remains that the student body in general does not take the chapel exercises seriously. Whatever may be the motives of those who make chapel attendance a sub-

ject for jest, certain it is that their attitude toward the subject is not conducive to that reverential spirit which should obtain in this connection.

A distinguished writer has said that "Man without God is cattle." And some of the greatest statesmen, including Washington and Napoleon, have recognized the value of religion to the State. In harmony with this policy many, if not all of the State institutions in this country have some sort of religious services. It would be strange, indeed, if the Michigan Agricultural College should be found an exception to this rule. Doubtless it is, with rare exceptions, the wish of the parents when their children are separated from home influences and sent to a technical school for a term of years, that they shall have their technical studies tempered and modified by giving some little time to the development of the spiritual side of their natures. The chapel services, the Y. M. C. A. and the Y. W. C. A. have been instituted for this purpose.

Of course it is always possible to criticize some of those who manage this work, or who officiate in the services; but is this sufficient reason for denying ourselves the good which may come to us from these exercises? Whittier has aptly said:

"Search thine own heart. What paineth thee

In others, in thyself may be.
All dust is frail, all flesh is weak;
Be thou the true man thou dost seek."

When the eyes are weary from close and constant application, the oculist will advise that they be rested by occasionally looking at distant objects. And so by diverting the mind from the channels in which it is habitually engrossed, and contemplating heavenly things, is the inner man rested and strengthened. A friend of Captain Ericsson endeavored to persuade the great inventor that he needed some relief or diversion from his incessant planning and devising. He always met with the same response: Ericsson could not spare the time. Finally his friend brought some noted singer to the inventor's study, and compelled him to listen to her entrancing music. Ericsson was at once transported, and freely admitted that it paid to give some time to subjects other than material ways and means. Doubtless many of those who attend chapel could testify in a similar manner. And why not? Have the words of Christ or the psalms of David lost their powers of appeal to the soul? Can one commune with a Watts, a Toplady or a Bonar without receiving, for the moment at least, a moral stimulus?

The influences tending to drag the young man down are so many, and so powerful, that he cannot afford to miss any influences tending in the opposite direction. Many a man in his battle for the supremacy of the spiritual has been strengthened and uplifted by the memory of some simple melody learned years before in the Sunday School. And, may it not be that in some crisis in the student's life when he is ready to surrender to the powers of evil, that some inspiring hymn impressed on his heart at M. A. C. shall be recalled, and shall be to him a message of peace and victory. Cases there are on record which seem to justify this assumption.

As is well known, the greater portion of the chapel time is given

to reading of scripture and singing. Assuming that in the above a correct estimate has been placed upon these exercises, can any one for a moment question that this brief time is profitably spent? Those who are content to drift with the tide; those who are satisfied with material things, may fail to appreciate the view here presented. But no one with a serious purpose in life; no one with a spiritual ideal would question the value of the help which comes from this source.

Now while every person will consult his own pleasure as to attending the devotional exercises, those who have the best interests of the student at heart desire at this time to renew their most earnest and cordial invitation to all to be present at these services. If the meetings fail to interest you, and you can suggest any feasible change, the proper authorities would be glad to consider any proposition you may submit.

W. S. L.

ASSOCIATION NOTES.

THE Y. M. C. A.

The Thursday evening prayer meeting was led by George McMullen. Theme: "Person Responsibility."

The question, "Am I my brother's keeper?" has been asked by all classes of people through all the ages and has always been answered in the affirmative when the Christian influence was at all felt, but sad as it may seem the practice has quite often been very different from the precept, however, we rejoice to know that as never before all who believe in the Fatherhood of God and the brotherhood of man are coming more and more to practice what they preach.

The chapel services Sunday morning were conducted by Rev. F. M. Edwards. Text: Isaiah 63: 16. The text was made to answer the three questions, "Whence came I?" "What am I here for?" and "Whither goest?" The sermon was a very interesting one and contained many valuable truths.

The union meeting Sunday evening was led by Mr. W. R. Wright and consisted in Old Testament stories of which the following is a fair sample. The service was very interesting.

In their quiet homes in India lived four young men, each less than twenty years of age, they were young men of rank and wealth. The quietness of their lives was suddenly destroyed by the din of battle, the blood and carnage of a savage butchery, and these four young

men, in chains were being hastened along toward captivity, leaving behind the bleeding, mangled forms of their loved ones. Again we see them in the royal court of that opulent city, the greatest city of all times. Listen to the request they make of the prince of the eunuchs, who has been entrusted with their care; one speaks for the four, and "Daniel purposed in his heart that he would not defile himself with the portion of the king's meat, nor with the wine which he drank; therefore, he requested the prince of the eunuchs that he might not defile himself." Oh! for the courage of a Daniel to do what is right, and to first have determined to do so. The lives of these four young men, captives in a strange land, ought to thrill our lives with determination to live at our very best, and to be satisfied with nothing less.

See the brave captive Daniel as he stood before the throng,

And rebuked the haughty monarch for his mighty deeds of wrong;

As he read out the writing—'twas the doom of one and all,

For the kingdom now is finished—said the hand upon the wall!

See the faith, zeal and courage that would dare to do the right,

Which the spirit gave to Daniel—this the secret of his might.

In his home in Judea, or a captive in the hall,

He understood the writing of his God upon the wall.

Charles D. Hurry will be here in about two weeks to spend two or three days. Let everybody plan to be in attendance at the two or three meetings he will hold while here. Every man in and around M. A. C. is cordially invited to be present.

The technical work in beet sugar instruction will probably be begun the first of next term.

Miss Freyhofer is planning to give a recital for her pupils some time during the spring term.

Prof. A. D. Shamel of the University of Illinois has sent to the farm department through Prof. U. P. Hedrick, an ear of field corn worth \$2, grown in the corn-breeding experiments carried on at that institution. This ear is not as large as some ears that have been grown but it represents, as nearly as may be, the normally perfect ear. The ear is nine and one-fourth inches long, has an average circumference of seven inches, has twenty rows of fifty kernels to a row. The kernels are long and the ear is very solid. The kernels grow to the extreme end of the cob.

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ABOUT THE CAMPUS.

A new girls' society, it is rumored, is soon to be formed.

Prof. C. D. Smith is home from his extended trip through Texas and Louisiana.

Miss Katharine Gunn has recovered from a severe illness with pneumonia.

Robins have been seen about the campus for the past ten days. In Lansing there have been a few robins since the middle of February.

Professors Babcock, Kedzie, and Holdsworth compose the faculty committee which has charge of matters relating to the triennial alumni reunion.

Prof. Kedzie will talk at the Farmers' Club next Wednesday evening at 6:30. He needs no recommendation; something worth hearing. Everyone come.

Mr. James Haganey has been out of the hospital several days, having been confined there with an attack of that aristocratic but much-to-be-dreaded disease, appendicitis.

The workroom of the old forcing house which stood where the new bacteriological laboratory now stands, is being turned into a tool room and carpenter shop for the horticultural department.

The baseball team had outdoor practice for the first time Saturday and showed up very well. There is some excellent new material. The cross country run scheduled did not materialize owing to the wind and wet.

Mr. Paul B. Pierce is the newly-elected steward of Club A.

Mr. H. D. Hahn is the new steward for Club D.

A number of loads of cinders have been placed on the track during the winter and should provide a good running surface by the end of the season.

The Feronian Literary Society entertained their friends Saturday evening. Supper was served at six after which the evening passed in dancing. Mr. and Mrs. Robison chaperoned.

Through a mistake in announcing the judges' decision, Mr. F. C. Reimer was not credited with third place in the recent oratorical contest, which place he won by his oration, "The American Negro."

The fiftieth anniversary of the founding of the College will be May 10th, 1907. In all probability the alumni meeting scheduled for 1906 will be postponed to 1907 in order to commemorate this event.

The Union Literary Society has elected officers for the spring term as follows: President, H. D. Severance; Vice president, H. D. Hahn; Secretary, J. P. Haftenkamp; Treasurer, R. J. Baldwin; Marshal, Harry Dey.

For the past three weeks quite a number of the young men have met to spend Saturday evening at the Y. M. C. A. room. It is aimed to have a program, giving literary training to those who wish to become regular attendants. All are welcome.

Miss Bessie Buskirk was instructor in English at the School for the Blind last week.

The basketball team had a photograph taken just before the Ypsilanti game Saturday.

A copy of the report of the recent Chicago International Live-Stock Exposition which won the Zenner medal, has come to hand. Mr. W. P. Snyder won this medal by a carefully written report of the exposition in general and of three classes of exhibits.

At its recent meeting in Detroit the State Board accepted with regret the resignation of Prof. C. L. Weil as head of the mechanical department, the same to take effect Sept. 14th, 1903. Prof. Weil has not announced his plans for the future.

The senior women in domestic science recently took a journey to Lansing where several places of interest were visited. At the office of the State Dairy and Food Commissioner Mr. R. E. Doolittle, State analyst, M. A. C. '96, gave a talk on the work of the commission that was much appreciated. Miss Lyford accompanied the class.

At the last meeting of the debating club the subject, "Resolved, That scientific men have done more to advance civilization than literary men," was debated. The affirmative speakers were Messrs. Severance and J. N. Smith. The negative, Messrs. Decker and B. S. Brown. The debate was won by the affirmative.

Last Saturday evening the Olympic Society gave its second eleven o'clock party of the term in the armory. A very pleasant time is reported. Many of the dancers, during intermissions, retired to the hastily but neatly arranged parlors, while others, less conscientious, sought the canopy of huge palm and banana leaves which overhung an impromptu cozy corner. Prost's orchestra furnished music. Mr. and Mrs. Gunson chaperoned the party.

At the M. I. A. A. directors' meeting Friday, Albion was the only bidder for field day and therefore was given it at \$210. Bids were received for furnishing medals, which will be accepted at the next Directors' meeting. The constitution as published in THE RECORD a short time ago was adopted subject to the approval of the various associations with some modifications. The by-laws were adopted in full as heretofore drawn up.

The State Board met in Detroit March 5th and decided not to begin the power plant this spring, but the water system will be overhauled as soon as the weather will permit the beginning of work. New boilers are to be purchased immediately and put in the old plant. The Board authorized the College to make tests of zenoleum with reference to its effects on different domestic animals. The women's department was given permission to buy a Steinway piano. The proposition of the Agricultural Society for a stock-judging contest was not accepted.

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NATURAL HISTORY SOCIETY.

At the meeting of the Natural History Society Wednesday evening, Prof. Barrows gave a very interesting talk on Meteorites. Every falling or "shooting" star is really a meteorite and is so called, if it strikes the earth. They are fragments of rock or metal which pass through the air so rapidly that they are set on fire and are consumed or explode and reach the earth in the form of dust.

The rapidity with which they pass through the air has been carefully estimated with the result that they are found to travel about 20 miles per second. When we consider this fact in connection with the fact that the estimated number which come into the atmosphere every 24 hours is 7,500,000, we can see that it is very fortunate for us that the atmosphere envelopes the earth like a blanket and protects it against these meteorites. Though many have reached the earth, there is no record of any person, animal, or building ever having been struck by one. Observations of a large number of meteorites show that the mean distance they travel before being consumed is not greater than 1.44 miles, and many are consumed in 20 or 30 miles. We are apt to see them in greater abundance at certain times of the year than at others.

In regard to their composition, there are many theories but there are two accurate methods of telling, viz., The study and analysis of those which have come to earth and the spectroscopic analysis of the light given off by them. No element that does not exist on the earth has ever yet been found in one.

A COMMUNICATION.

Dr. Beal is responsible for giving the students an opportunity to read portions of President Eliot's last report and that of Ira N. Hollis in charge of field sports at Harvard.

"The chairman calls attention to the fact that the expenditures for football are steadily increasing. A quarter part of all who take part in this sport are injured enough to lay them up for ten days on the average, and a much larger proportion of those who really play the game for the season are thus injured. The changes in the rules during the past ten years have tended to increase the number of injuries, rather than to diminish it. The temporary injuries are so numerous, that it is impossible to count on putting any particular eleven men into an important game on a given day. In order to provide the necessary number of substitutes for each place, the football squad often numbers sixty men. Hence large expenditures. The outfit for candidates grows more expensive, because they wear about fourteen pounds' weight of padding and armor. On the whole the game, under the existing rules, tends to become slower and less visible in its details, and therefore less interesting. Moreover, the ethics of the game, which are the imperfect ethics of war, do not improve. The martial axiom — attack the enemy's weakest point — inevitably leads to the deliberate onslaught on the cripple or the convalescent in the opposing line; and the habitual violation of rules, if penalties be escaped, is regarded by many as merely amusing.

"There is increasing objection to the great exaggeration of all athletic sports. There is now a series of competitive games which covers the entire academic year; and the distraction of large bodies of students from the proper work of a university grows more intense and continuous year after year. This unreasonable exaggeration of sport and exercise has become a serious drawback also in secondary schools. Thus, many of the schools fortunately situated in the country permit their pupils to be diverted almost entirely from the study of natural history by their devotion to a series of competitive sports which covers the entire school year. In the College and Scientific School the afternoons of many students during the greater part of the year are devoted to play, or to looking at the games which the most expert athletes are playing. The range of elective selection among the studies of the College is seriously limited, because of the desire of students, and therefore of the teachers, to avoid appointments in the afternoons.—Charles Eliot, Harvard University.

"This fact indicates not necessarily the impossibility of conducting the game without danger, but rather the desirability of changes in the rules, to make it less hazardous, and also more interesting.

"At present a premium is put on weight and physical strength, rather than on skill and activity, although the latter are undoubtedly useful to a player.

"The game is essentially a weeding process for the selection of the most powerful men, rather than a developer."—Ira N. Hollis in charge Field Sports at Harvard University.

The secretary of agriculture has created a new position in the office of experiment stations in order to bring the United States Department of Agriculture into closer touch with the great farmers' institute movement throughout the country. The new officer, who is to be called a farmers' institute specialist, will be under the general supervision of the director of the office of experiment stations, and have his headquarters at the department at Washington. As the result of a civil service examination held to fill this position, Prof. John Hamilton, now secretary of agriculture in the State of Pennsylvania, has received the appointment and will soon enter on his new duties.

"We are all partially insane. We know exactly where to put our finger upon his insanity: it is where his opinion differs from ours."—Mark Twain.

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