A New College Paper.

A movement is well under way to start another college paper. Those who are planning the scheme set forth in their preamble that the M. A. C. Record does not meet the requirements for a college paper, and are circulating a petition among students to ask students to sign, pledging support to a new paper. They feel that the present paper gives voice to the student sentiment, that it is too much a faculty paper; and they want an organ in which they can say what they please and in just the way that they please.

The Attendance.

At the end of the first five days of this term 366 students had enrolled, which is 27 more than had enrolled at a corresponding time last year. There are but three new students in the regular courses—Don S. Skeels, son of F. E. Skeels '78; S. A. Lovewell, South Lyon; and R. McCoil '90, professor of mechanical engineering in the University. Why these gentlemen have tried to prepare himself for engaging in the beet sugar industry.

The Special Courses.

Fifty-four students are enrolled in the special courses—23 in the dairy, 16 in live stock, and 15 in fruit growing. Professor R. C. Morrow '98 and C. M. Scott, a student here in '97 who took a chemistry course in Wisconsin last year, are assistant Mr. Furgeson in the dairy. Mr. Charles B. Atkin, Milford, one of the most prominent stock breeders in Oakland county, is taking the course in live stock husbandry.

The College has purchased 20 acres to be used as a forage field. The hay crop is getting ahead rapidly.

Seniors Entertained.

President and Mrs. Snyder entertained the members of the senior class and their lady friends at 6 o'clock dinner Friday evening. Each course in the dinner was indicated on the menu by an appropriate quotation from Shakespeare, as follows:

A hot friend cooling—Julius Caesar.
Stuffed with all honorable virtues—Macbeth.
How green you are and fresh—King John.

The College has purchased 20 acres to be used as a forage field. The hay crop is getting ahead rapidly.

In response to calls for a speech he gave voice to the remarkable impressions.
THE M. A. C. RECORD
PUBLISHED WEEKLY BY THE MICHIGAN AGRICULTURAL COLLEGE.
EDITED BY THE FACULTY.
ASSIGNED TO THE STUDENTS.
SUBSCRIPTIONS 20 CENTS PER YEAR.
Send money by P. O. Money Order, Draft, or Registered Letter. Do not send stamps.
Entered on second-class matter at Lansing, Mich.
For various reasons the M. A. C. Record is occasionally sent to those who have not sub­scribed. When you receive the Record without notification, do not hesitate to take the paper from the postman. No charge will be made for it. The newspaper, however, to assure its regularity is to subscribe.

Official Directory.

Y. M. C. A.—regular meetings Sunday evenings at 7:10 and Thursday evenings at 8:10. C. H. F. Head, President, U. C. Smith, Secretary.

W. C. T. U.—meets weekly for Bible and patriotic exercises.

KINOS DAUGHTERS.—Meet alternate Wed­nesdays at Williams Hall, President, F. O. D. Secretary.

NEBRASKA HISTORICAL SOCIETY.—Meets alternate Wednesdays at 9:00 p. m. in the Smith Memorial Room, L. K. W. Sanders, Secretary.

CENTRAL GYM.—Meets every fourth Sunday evening at 8:30 in the Classroom, President, M. E. How­ard, Secretary.

ADELPHIC SOCIETY.—Meets in the Library, President, L. S. Christensen; President-Elect, Bronson Barlow; Secretary, Burt Wermuth.

TURONIAN SOCIETY.—Meetings every Sat­urday evening at 7:00. West Ward, Wells Hall. Bronson Barlow, President.

ADELPHIC SOCIETY.—Meetings every Saturday evening at 7:00, Fourth Floor. Williams Hall. Bronson Barlow, President.

P H I DELTA THETA FRATERNITY.—Meet­ings every alternate Wednesday evenings at 6:30 P. M., in the Large Laboratory, President, D. B. Finch; Secretary, T. G. Phillips.

FERONIAN SOCIETY.—Meetings every Thurs­day evening at 7:00. Fourth Floor. Williams Hall. Bronson Barlow, President.

ADAMS DIPLOMAT.—Meets alternate Wed­nesdays at 9:00 in the Smith Memorial Room, President, B. A. Peterson; Secretary, Emma Miller.

THE PHILABUS.—Meets Thursday evenings at 6:20 in Abbot Laboratory. Dean, Secretary.

Y. M. C. A.—regular meetings Sunday evenings at 7:00, Fourth Floor, Williams Hall. Bronson Barlow, President.

Y. W. C. A.—Meets alternate Mondays at 8:15 P. M., in the Classroom, President, Mabel Brigham; Secretary, Elizabeth Johns.

HURON DICTATION.—Meetings alternate Wed­nesdays at 7:00, Williams Hall. President, E. M. Peterson.

COLUMBIAN LITERARY SOCIETY.—Meet­ings every Saturday evening at 7:30. Fourth floor, Williams Hall. Bronson Barlow, President. Burt Wermuth, Secretary.

CENTRAL GYM.—Meetings every Sat­urday evening at 7:30, Fourth Floor. Williams Hall. Bronson Barlow, President. Burt Wermuth, Secretary.

PHI DELTA THETA FRATERNITY.—Meet­ings every Saturday evening at 7:30, Fourth Floor, Williams Hall. D. B. Finch, President. L. S. Christensen, Secretary.

PERSONAL ADDRESS.—Meets every Thun­day evening at 8:00, Fourth Floor, Williams Hall. President, Bronson Barlow; Secretary, Burt Wermuth.

AGASSIZ SOCIETY.—Meetings every Sat­urday evening at 7:00, West Ward, Wells Hall. Bronson Barlow, President; Elizabeth Johns, Secretary.

OLYMPIC LITERARY SOCIETY.—Meet­ing every Saturday evening at 7:30, Fourth Floor, Williams Hall. T. V. Lawless, President. L. S. Christensen, Secretary.

DENTAL SOC. OF AMERICA.—Meetings every Saturday evening at 7:30. Fourth Floor. Williams Hall. L. S. Christensen, President; Bronson Barlow, Secretary.

OYSTER CLUB.—Meetings every third Sat­urday evening, at 8:00. Fourth floor, Williams Hall. President, William H. Williams; Secretary, Burt Wermuth.

DAVIES CLUB.—Meetings every Friday eve­ning at 8 o'clock. President, E. R. A. Peterson; Secretary, Mabel Brigham.

GASTONIAN PRESS.—Meetings ever Saturday evening at 7:30. U. S. S. Hall, E. R. A. Peterson, President; Burt Wermuth, Secretary.

TAU BEATIF FRATERNITY.—Meeting on alternate Wednesdays at 9:00 in the Classroom. President, Edgar Warren; Secretary, C. S. Ball, Secretary.

OMENS OF THE NATION.—Meetings alternate Wednesdays at 7:30 in the Classroom. President, R. A. Peterson; Secretary, Elizabeth Johns.


FARMERS' CLUB.—Meet alternate Wed­nesdays at 10:30 in the Agronomy Laboratory, President, J. H. Skinner; President, G. M. Odile, Cor. Secretary.

Invention and History of the Phonograph

by W. L. Mills, '00, Eclectic Society.

Before giving an account of the invention of the phonograph, let us consider the history of the phonograph, which instrument is without doubt one of the most pleasing and entertaining, and destined to become one of the most useful inventions the world has ever known. Nothing is more important, and the name of something should be said of the "Father of the Phonograph."

The phonograph was born at Milan, Erie Co., Ohio, Feb. 11, 1847. His ancestry can be easily traced back 200 years, when his great-great-grandfather was a prosperous manufacturer in Holland, from which country he came to America in 1730. His grandfather lived 102 years, his grandfather's 103 years, and his father nearly 90 years. His mother, Nancy Elliott Edison, came of highly respected Scotch and English stock and was one of the best educated, most industrious, and most high-bred women of her time. She lived to see her son become, without doubt, the greatest inventor the world has ever known.

At the age of seven, young Edison remained with his paternal grandfather in Huron, Mich., where the greater part of his childhood days were spent. Here he received some education at home, from his mother, who took great pains to in­plant and nourish in him a desire for reading and the study of original research. He is said that he never went to school more than two months in his life. At the age of 12 he began life as a train boy on the Grand Trunk railway between Port Huron and Detroit. After his first stocking feet were about the same as those of the ordinary train boy, but it was not long before his business skill began to tell. He had employed four assistant boys. While thus employed he hit upon the plan of telegraphing the head-lines of the newspapers on his route, and was soon doing a flourishing business at every station at which the train stopped. While in this business he rapidly rose to fame. He was at 24 miles from New York, where he fitted up the most extensive laboratory of its kind in the world. Mr. Reid in his "Memorial Volume" pronounces it to be one of the am­plest laboratories and the finest array of assisting machinery and scientific research. The shops, which are said to contain 1,000,000 dollars worth of machinery, have been enlarged recently by the addition of a building 153 feet long, fitted with the best ma­chinery available. It is said that the "Wizard" spends his time in delving into the mysteries of electric­al science.

Probably the best known and most wonderful of his inventions, excepting possibly the electric light, is the phonograph. No other invention in the world's history has engendered more curiosity than the pho­nograph, and yet of all the inventions it may be considered as one of the most simple. It was invented in 1877 and it was discovered can best be told in Edison's own words.

"I was singing into the mouthpiece of a telephone when the vibrations of the wire sent the fine steel point into my finger. That set me to thinking. If I could record the actions of the point and then send it over the same surface again, I saw no reason why the thing would not talk. I tried the experiment first on a strip of Telegraph paper and found that the point made an alphabet which contained the words 'I am a phonograph.' I took this paper back under the steel point and heard the sound of Nero's fiddle and the berated the echoes of the great don." Edison said. Before giving an account of the invention of the phonograph, let us consider the history of the phonograph, which instrument is without doubt one of the most pleasing and entertaining, and destined to become one of the most useful inventions the world has ever known.

The small pieces are then ground, ready for their place. This opera­tion is so delicate and exacting as to require the use of a strong micro­scope. The depth of the impression made by the human voice or a hand or any other instrument. The records can be used at 30 different times. It is said that only one per­centage of the total printing from the records is also a guarded secret, but every man in the Edison Laboratory knows what it is said to be exceedingly simple.

Notwithstanding the fact that the phonograph has been announced and patented for a few years, it has not seri­ously interfered with the work­men in the Edison laboratory. The shops, which are said to contain 1,000,000 dollars worth of machinery, have been enlarged recently by the addition of a building 153 feet long, fitted with the best ma­chinery available. It was completed in 1877 and it was discovered can best be told in Edison's own words.

"I was singing into the mouthpiece of a telephone when the vibrations of the wire sent the fine steel point into my finger. That set me to thinking. If I could record the actions of the point and then send it over the same surface again, I saw no reason why the thing would not talk. I tried the experiment first on a strip of Telegraph paper and found that the point made an alphabet which contained the words 'I am a phonograph.' I took this paper back under the steel point and heard the sound of Nero's fiddle and the berated the echoes of the great don."

The College Bell.

TOAST GIVEN AT THE SENIOR Banquet, JANUARY 9, 1900.

I assure you that it is with fear and trembling that I approach the subject of the College bell. For while the College bell is a beautiful subject and one that is deserving of discussion, there are at least twenty College bells in this room, and if I describe the College bell in such a manner that it is already innumerable, while its constant reduction in price brings it more and more into use as a pleasing entertainment.

As Mr. Edison once said: "Pity it isn't invented yet !" The phonograph has been invented a few thousand years ago, because if it had, down through the corridors of time might have rever­berated the echoes of the great events of the past, and we of today could have taken our photograph out on the back steps in the long summer evenings and listened to the roar of the lions in Daniel's den, while the College bell would have been a clatter of the Roman Empire as it fell."

January 9, 1900.
independent of all these, for we run
by the College bell. The ringer
awaikes with a start in the morning,
gives the bell rope a few feeble
pulls, then opens his eyes and turns
the hands of his watch around to
six o'clock, and by that time M. A.
C. runs for twenty-four hours, or
until the next morning and the
ringing of the next rising bell.
When some person kindly informs
you that M. A. C. is not quite up to
the hands of his watch around to
midnight raids upon the date, that it is
behind the times, you
may rest easy; it is but a difference
in time, the bell-ringer has overslept
that morning, and therefore rang
the bell an hour late.
When I think of the history of
the College bell it will all
begin to grow serous. Students from
all portions of the globe have listened
to its voice, and when they return
to their College home.

A Kentucky cardinal was seen
on the campus last week. The latitude
of college history it could reveal!

The farm department has shipped
5 short horn cows to the herd of W.
A. Roland, Grass Lake, to be bred
to the famous short horn bull Sharon

On Thursday the freshmen elected
two class officers—Fred H. England,
Adrian, president, and Miss Alta
Lawson of Vernon, vice-president.

Lawrence & VanBuren
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Regular physical culture classes will meet each afternoon at 4 o'clock. Sophomores who have class work at 4 and baseball candidates will have work at other hours.

Many students enjoyed themselves in the armory Saturday afternoon.

Notice.

The wives of all persons connected with this College are urgently requested to meet with Mrs. Landon, Saturday evening, Jan. 19, 7:30 p.m. to discuss important business.

G. C. Blunt.

Choice Poultry for Sale.

We have some good stock of the following breeds which we must dispose of soon: White Wyandotte, Barred Rock, White Plymouth Rock, Indian Game, and Dark Brahama; also Golden Wyandotte pullets, Silver Grey Dorking pullets, and Buff and Partridge Cochins pullets. Inquire of Farm Department, Experiment Station.

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We are glad to see the old men back and will be pleased to have the new men call. Make our store your headquarters while downtown. It has pretty place to leave your packages. WE ARE ONE PRICE.

ALL MEATS....

May look alike to you, but there is a very great difference in the quality we handle and that sold by some other markets. We handle none but the very best. Like the pudding, the eating is in the eating. A trial will convince you that you ought to trade with us.

We make ladies' clothes for the College.

BOTH PHONES. Cashier attention given in phone orders.

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Washington Ave. South.