TAU BETA PI INITIATION.

SAGINAW HERE SATURDAY.

PREPARING FOR YPSI BEBATE.

ON THE M.A.C. RECORD.

Although yet without a name a flourishing new literary society was organized following the following men suddenly appeared upon the campus, each wearing a wooden badge secured to the left arm by a brown and white sash:

W. J. Baumgarten, '09 (Civil),
G. B. Kemp, '09 (Elca),
H. H. Harrison, '09 (Civil),
D. L. Boyd, '09 (Elca),
P. F. Wood, '09 (Mech),
F. P. Barrooga, '09 (Elca),
W. G. May, '10 (Mech).

At 12:15 p.m. the candidates gathered in front of Williams Hall, the candidates being divided into two squads. Each squad was detailed to work out an experiment in physics: the first to determine the laws of rolling and sliding friction, and the second to verify the laws of the pendulum. Each squad was provided with the necessary equipment which consisted of alarm "stop watches," spring balances, a pair of weights, eavetroughing and various other materials, etc. The candidates R. B. Grantham, '09 (Civil), following the afternoon, and, considering the equipment, very satisfactory results were obtained.

Saturday evening after the initiation ceremonies were completed in the Chapter rooms in Engineer Hall, a banquet was held at Club E, where covers were laid for 24. After the physical wants had been satisfied and the serious business attended to by Prof. V, T. Wilson, who is an honorary active, four, honorary, and nine transitional in having with us this year the program the members discussed.

The last home game of the season will take place Saturday, when M. A. C. meets the Saginaw Naval Brigade team, in place of Alma.

The last home game of the season will be played at the college chapel.

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NAVAL RESERVE TEAM TO FILL ALMA'S DATE.

First Discussion of the Subject Dec. 1.

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IMPORTANT ACTION OF THE FACULTY.

At a meeting of the Faculty on November 13, 1908, at which the question of fraud in college work was considered, the following action was taken.

1. Fraud in examinations is dishonest unworthy of students of this college and should be thoroughly disapproved by the Faculty and student body.

2. Examinations should be so constructed as to offer no temptation to the perpetuation of fraud.

3. Evidence of fraud should be considered by the department to the extent of dismissal from the class, and failure (F) in the subject.

4. Penalties for fraud in final examinations and for fraud in course considered by the head of a department as sufficiently serious for action beyond the powers above conferred shall be awarded by a Standing Committee which shall be guided by the policy herein outlined.

5. The findings of the Committee shall be reported to the Faculty, read in Chapel, and bulletined in the daily news concerned with the names of the guilty parties.

GRIDIRON NOTES.

Coach Brewer went to Detroit Friday to referee the Ann Arbor-Detroit Central High School game. Saturday he was present at the Michigan-Pennsy game, where he met several of the "Varsity" squad who went down from here to see the game.

Michigan A. C. can induce People to play here next fall "for the western championship." Michigan students are beginning to understand how M. A. C. really and truly played U. of M. to a standstill.

We have two more chances to say "M. A. C. is the only unbeaten college in Michigan this fall"—next Saturday, and Thanksgiving when we meet the strong D. G. A. team at Detroit.

The rosters have got to do their share next Saturday in helping to keep M. A. C.'s goal line clear. If we fail to bring two hundred pupils of students to Ann Arbor to see a game, we ought to be able to get 1,000 students out for that game Saturday when we only have to walk across the river.

PROMENADE CONCERT.

The last year's band picture appearing in this issue gives a fairly good view of this year's band, as a large majority of the same men are with the band this year. The personnel of the band this year is as follows: Cornets, Johnson, Brandt, Rosen, Cornell, Wilt, Wester­cliffe; clarinetts, Drew, Appling, Baker, Siler, Jordan, Bourman, Walter, Hodgen, Jowoll, Kuritz, Tull; trombones, Chip, Kiefer, Cavanagh, Shat, Bartow's har­tones, Hallock, Edgerton; basses, Van Wagener, Branch; piccolos, McNott, Martin; saxophone, Wyr­ner; drums, Ellison, Warner, Keith, Harmon. At the promenade Friday evening we want the old students to take the responsibility of seeing that every new man present becomes acquainted. It is only by doing this that everyone will have a good time and the affair be successful. The program, as before, has a few dances interspersed. Mr. Fish will also give a reading, which is sure to add much to the evening's pleasure.

THE ROOTERS.

The rooters have got to do their share next Saturday in helping to keep M. A. C. the only unbeaten college in Michigan this fall." The Amazon, and his graphic de­

THROUGH THE FORESTS OF SOUTH AMERICA.

Professor Edward H. Brigham, who lectures on "The Amazon" tonight at 7 o'clock in the old college armory, is a well known traveler and naturalist, who has visited many of the least known parts of the earth. He has made scientific investigations. When harder, more than a boy he acquired an enviable reputa­tion as a sportsman and naturalist.

Later he visited the Beards and the Amazon, and his graphic de­scriptions of this region, illustrated with his own pictures and beau­tifully colored slides, will give life and reality to some of the dead facts which perhaps the student will never see. While a wealth of new material will also be presented, Professor Brigham's home is in Battle Creek, and he has been actively identified there with the Natural Science Club, which is probably the most flourishing organization of its kind in the state.

The criticism of the student coun­cil printed last week, is a common one. However a glance at the facts show no foundation for such an attitude. Popular government is right, but a child must become of age before he can vote, and fresh­men are infants in the institutions. And again the classes are not fixed votes; the freshman becomes a senior if he obeys the rules. So although the Student Council is not perfect, it must be remembered it is young yet, and that its fundamental principles are all right.

ENGINEERING SOCIETY.

Dr. A. C. Lane gave a very good talk to the Engineering Society on Tuesday evening, on the subject "Economic Geography of Interest to Engineers." The crowded lecture room and close attention of the listeners showed that Dr. Lane's talk was appreciated by all. Dr. Lane started by giving a few elementary definitions. Economic air is raw materials in the ground. The poet's definition of economic geology is, nature's reply to the wants of man. He then laid down some fundamental principles, of which the following are the most important:

1. The greater the need, the greater the provision. This is illustrated by air, water, iron, etc.
2. The price of raw material is inversely proportional to the abun­dance. Increase in the demand of a substance does not lead to a per­manent increase in the price. Facil­ities of transportation have an effect on the price. The principles were more firmly fixed on the minds of the audience by Dr. Lane's art illustrations.

He then went further and applied the principles to a few substances. In considering air he called attention to the fact that the fashionable parts of most large towns and cities are in the eastern and northeastern part, and the factories were in the eastern or southeastern part. The reason for this is that the winds bringing fresh air, are from the west and southwest.

The value of water depends on quality, quantity and head. In consider­ation, the hardness is im­portant. Engineers save money by softening the water used in boilers. In considering water for drinking purposes it is not safe to use any surface water without filtration. It is best for cities to use filtered surface water, while small towns may have artesian wells. Heat and power is important in water. There are valu­able things found in some water, for instance, minerals and salt. In this consideration Dr. Lane advised all to get a copy of Whipple's "Value of Pure Water" and read it.

AN all-important point that he brought up about geology was that engineers, in creating a building or dam or making plans for such, should look up the geology of the location and be careful to find bed rock.

RESOLUTIONS.

Whereas, It has been the will of our heavenly Father to call from this life the father of our dear class­mate, Alice M. Watson; be it

Resolved, That the class of nineteen hundred nine extend to her heartfelt sympathy in her deep sorrow. Be it further

Resolved, That a copy of these resolutions be published in the M. A. C. RECORD.

O. A. E. Grahm,
W. D. Frazer,
Committee.

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ABOUT THE CAMPUS

Please remember that to insure
publication all notices for the Rec-
ords should be handed in not later
than Monday noon.

Instructor Wendt, to his class in
Junior Ag. surveying, "Sherman
second, and Hopkins third. The
organic chemistry and chemical
by Carr last fall of 15:2g."

ORD should be handed in not later
viz., 814, including all departments,
filled for over thirty years, reminds
the time was 15:145, almost one-half a
class, won first, with Geib, of 1912,-
speak before the Engineering Soci-
civil engineering."

of entertainments given under the
physics in a class of four or five by
Dr. Beal that in 1861 he was taught
never taught a Junior Ag. class in

In the annual fall cross country
Dr. Wendt, to his class in

The recent resignation of Charles
W. Eldis, president of Harvard
University, a position he has held
for over thirty years, reminds
Dr. Beat that in 1861 he was taught
organic chemistry and chemical
physics in a class of four or five by
Instructor C. W. Eldis. At that
time Harvard had more students
than any other college in America,
viz., 814, including all departments,
divinity, law, medicine, department
of literature, science and the arts.

At the State Y. W. C. A. con-
vention held at Hillsdale, last week,
M. A. C. had the honor of having
the largest delegation, there being
eighteen delegations accompanied by
Dean Gilchrist.

Dr. Paulade Moraes Barros, of
Piracicaba, San Paulo, Brazil,
arrived at the college last Tuesday
while on a trip through this coun-
try. Dr. Barros left Piracicaba on
the same day that Prof. and Mrs.
Smith arrived there, so did not
meet them.

Director Brower was one of three
Michigan athletic directors selected
to meet with the American Amateur
Athletic Union at Detroit last Sat-
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union is to suggest ways and means
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Michigan conditions will be de-

After the game the team will be
up to the seniors, alumni and faculty
and divide up into classes. The
procession passes they should receive the rec-
novation they so well deserve. After the game the team will be
headed by the band, will march to
the field, and as the procession
passes the classes will fall behind
in regular order, Each class will
have a yell master, and as the team
passes they should receive the rec-
novation they so well deserve. After the game the team will be
headed by the band, will march to
the field, and as the procession

The field was covered with snow
and ice, and the snow made playing extremely difficult, many costly fumbles result-
ing. M. A. C. played straight line
block, and pointed frequently, re-
covering the ball several times after
booting it from 20 to 30 yards.

Olivet's team could do nothing at
all against the fast line plunging of
M. A. C. C's lucks and tackles, rely-
ing largely on strong defensive
playing to help M. A. C. from run-
ning up a larger score.

Loveland, Lindroom and Stone
played exceptionally clever ball for
M. A. C., and Olivet's left end
played star ball for the Preachers.
Dana and Burroughs alternated
as referee and umpire, Mason acting
as head linesman. 20 minute halves
were played.

FAR SALE.—Young man's full
size, waist 37, length 32, breast 36.
For round about 159, p. m.
Fare for round about 7:30 o'clock, p. m.

For Sale.—Young man's full
dress suit; two vests and shirts;
size, waist 37, length 32, breast 36.
New. Inquire 522 Ottawa St., W.

Masonic excursion to Jackson,
Wednesday, Nov. 18. Train
leaves M. C. depot 7 o'clock, p. m.

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Masonic excursion to Jackson,
NEW MILITARY APPOINTMENTS.

EIGHT COMPANIES WILL BE IN THE FIELD NEXT SPRING.

For the first time in the history of the college, the military department will, next spring, have eight companies, the largest field, which will make possible many formations in regimental drill which have heretofore been impossible. The new appointments, recently announced, are as follows:

FIRST STAFF—Majors, C. C. Taylor and C. J. Orvitt; adjutant, W. D. Frazer; quartermaster, G. R. Kamps; ordnance officer, W. D. Trice; battalion adjutants, R. W. Taylor and C. W. Lapworth; sergeant majors, O. J. Shedd, H. T. Prepout, T. Burnett; quartermaster sergeant, M. M. Babcock; ordnance sergeant, L. C. Hulet; non-commissioned officers, E. H. Kohn, D. E. Vlahakis, R. J. Stone, who had raced up the field over the heads of the senior players and ran the ball back about 20 yards when he could no longer run his legs. The formation introduced by the Flint dummies in their game here early in the season, which ended only when Belknap carried the ball over for the seniors' goal.

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Tailored Hats—$5 to $10

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SENIOR CLASS CHAMPS.

The football championship Saturday by decisive defeating the freshmen by a score of 18-5, in what was one of the fastest and most stubbornly contested class games of the season. The game rivaled many of the varsity games for vision playing and skill and displayed some of the best teamwork of the season.

"92 scored first by use of a play introduced by the Flint dummies in their game here early in the season. Westmore received the first pass and ran the ball back about 20 yards, when he picked the pigskin over the heads of the senior players to Stone, who had raced up the field ready to receive it. The formation worked beautifully, and Stone carried the ball across for the freshmen's only score. They were unable to kick goal.

This woke the seniors into activity, and a steady march was begun, which ended only when Belknap carried the ball over for the seniors' first touchdown. Tanner scored the second for '09 after the ball had been rushed down to the 12-yard line. Belknap registered the third near the close of the game on an end run from a tandem formation about 20 yards from the line. Tanner kicked all three goals.

The captain and quarter-back of the freshmen, showed himself to be about as game a man as ever played on College Field. Line up by the Scrub-Olives game, is interested in playing the second game also, and although along towards the middle of the second half he was soggy and exhausted he could barely keep his feet, he played a star game and tackled harder than any man on the field. It was only when he could no longer carry a team that he consented to go to the sidelines and allow Giegly to be substituted.

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